

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137712.D
 Acq On : 24 Apr 2024 11:35
 Operator : CG\JU
 Sample : PB160276BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160276BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 12:29:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	291051	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1182002	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	634864	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1153399	20.000	ng	0.00
76) Chrysene-d12	14.262	240	746197	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	557841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1672951	87.314	ng	0.02
7) Phenol-d6	6.675	99	2121076	87.175	ng	0.00
23) Nitrobenzene-d5	7.628	82	1912514	85.890	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	614475	95.918	ng	0.00
45) 2-Fluorobiphenyl	9.427	172	3575558	84.154	ng	0.00
79) Terphenyl-d14	13.198	244	4149989	89.516	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.098	88	312868	36.466	ng	99
3) Pyridine	3.822	79	815504	35.682	ng	99
4) n-Nitrosodimethylamine	3.798	42	455673	42.720	ng	98
6) Aniline	6.728	93	935149	30.879	ng	98
8) 2-Chlorophenol	6.845	128	944372	47.217	ng	96
9) Benzaldehyde	6.616	77	219089	16.045	ng	93
10) Phenol	6.692	94	1138847	46.852	ng	99
11) bis(2-Chloroethyl)ether	6.792	93	882945	44.534	ng	96
12) 1,3-Dichlorobenzene	7.004	146	954875	45.525	ng	99
13) 1,4-Dichlorobenzene	7.081	146	971499	46.006	ng	99
14) 1,2-Dichlorobenzene	7.234	146	937923	47.716	ng	99
15) Benzyl Alcohol	7.198	79	816179	44.841	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1366727	44.824	ng	99
17) 2-Methylphenol	7.304	107	778717	43.822	ng	99
18) Hexachloroethane	7.581	117	353672	47.322	ng	99
19) n-Nitroso-di-n-propyla...	7.475	70	684633	43.514	ng	99
20) 3+4-Methylphenols	7.457	107	996980	43.439	ng	# 86
22) Acetophenone	7.475	105	1283938	44.411	ng	99
24) Nitrobenzene	7.645	77	993840	44.178	ng	95
25) Isophorone	7.886	82	1891429	45.737	ng	100
26) 2-Nitrophenol	7.963	139	496882	50.331	ng	99
27) 2,4-Dimethylphenol	7.986	122	936758	47.032	ng	98
28) bis(2-Chloroethoxy)met...	8.092	93	1129201	44.704	ng	99
29) 2,4-Dichlorophenol	8.198	162	808371	46.310	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	821244	46.158	ng	99
31) Naphthalene	8.375	128	2684074	44.500	ng	100
32) Benzoic acid	8.104	122	591296	46.886	ng	99
33) 4-Chloroaniline	8.410	127	499743	19.574	ng	98
34) Hexachlorobutadiene	8.480	225	481297	45.123	ng	98
35) Caprolactam	8.786	113	251593m	44.580	ng	
36) 4-Chloro-3-methylphenol	8.886	107	852737	46.059	ng	98
37) 2-Methylnaphthalene	9.063	142	1789230	43.219	ng	99
38) 1-Methylnaphthalene	9.163	142	1675375	43.284	ng	100
40) 1,2,4,5-Tetrachloroben...	9.227	216	794977	45.675	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1101513	112.950	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	595240	48.750	ng	97

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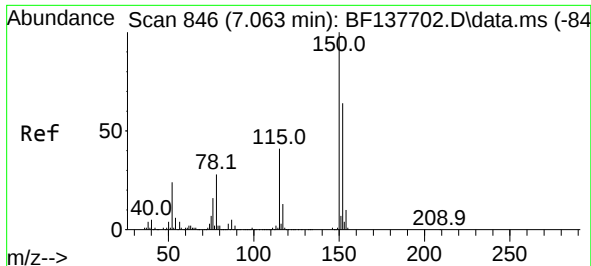
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	633169	45.248	ng	99
46) 1,1'-Biphenyl	9.527	154	2134204	46.210	ng	99
47) 2-Chloronaphthalene	9.557	162	1679651	47.178	ng	99
48) 2-Nitroaniline	9.651	65	535071	49.321	ng	91
49) Acenaphthylene	9.980	152	2582674	46.518	ng	99
50) Dimethylphthalate	9.827	163	2071190	46.825	ng	99
51) 2,6-Dinitrotoluene	9.892	165	469365	50.363	ng	88
52) Acenaphthene	10.151	154	1818060	50.572	ng	99
53) 3-Nitroaniline	10.063	138	341166	32.575	ng	99
54) 2,4-Dinitrophenol	10.169	184	506408	100.715	ng	# 44
55) Dibenzofuran	10.322	168	2440083	46.303	ng	99
56) 4-Nitrophenol	10.216	139	862296	105.872	ng	94
57) 2,4-Dinitrotoluene	10.298	165	622914	53.018	ng	99
58) Fluorene	10.669	166	1902730	46.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	541280	49.955	ng	99
60) Diethylphthalate	10.527	149	1997701	46.956	ng	98
61) 4-Chlorophenyl-phenyle...	10.651	204	946096	46.501	ng	99
62) 4-Nitroaniline	10.686	138	481337	48.251	ng	99
63) Azobenzene	10.816	77	1986910	45.576	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	334916	50.644	ng	94
66) n-Nitrosodiphenylamine	10.774	169	1725050	44.159	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	595180	44.533	ng	98
68) Hexachlorobenzene	11.216	284	622970	47.846	ng	# 92
69) Atrazine	11.298	200	599589	55.524	ng	99
70) Pentachlorophenol	11.404	266	792227	80.886	ng	100
71) Phenanthrene	11.633	178	2703761	44.284	ng	100
72) Anthracene	11.686	178	2739412	43.816	ng	100
73) Carbazole	11.839	167	2557562	45.139	ng	99
74) Di-n-butylphthalate	12.157	149	3111333	45.046	ng	99
75) Fluoranthene	12.827	202	2839106	44.239	ng	98
77) Benzidine	12.939	184	698056	40.052	ng	99
78) Pyrene	13.063	202	2836158	46.307	ng	100
80) Butylbenzylphthalate	13.668	149	1109286	51.073	ng	90
81) Benzo(a)anthracene	14.251	228	2371039	45.557	ng	99
82) 3,3'-Dichlorobenzidine	14.210	252	534070	33.166	ng	# 97
83) Chrysene	14.292	228	2179834	44.825	ng	100
84) Bis(2-ethylhexyl)phtha...	14.221	149	1648446	50.256	ng	99
85) Di-n-octyl phthalate	14.851	149	2395673	48.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1695698	54.822	ng	100
88) Benzo(b)fluoranthene	15.362	252	1791387	50.183	ng	99
89) Benzo(k)fluoranthene	15.398	252	1799930	51.295	ng	98
90) Benzo(a)pyrene	15.768	252	1464308	45.728	ng	98
91) Dibenzo(a,h)anthracene	17.503	278	1424929	55.514	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1405757	56.321	ng	98

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

Manual Integrations APPROVED

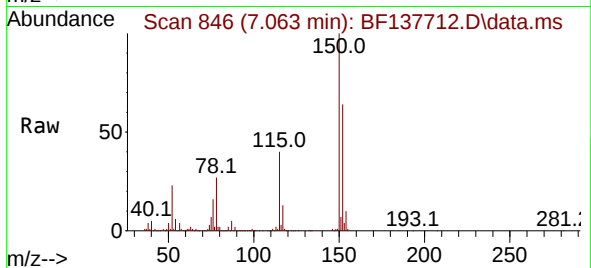
Quant Time: Apr 24 12:29:29 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

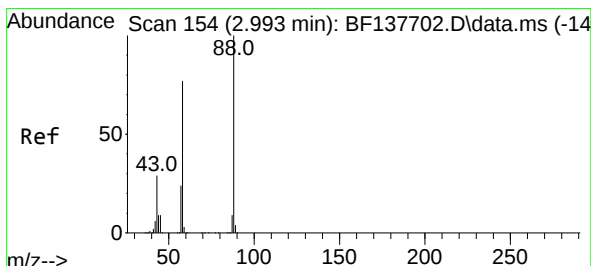
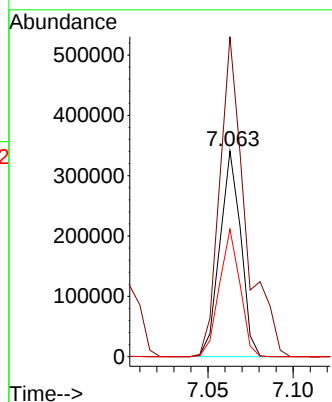
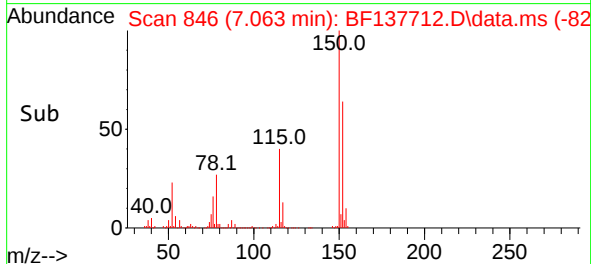
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:152 Resp: 291052
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.4
115 62.0 50.8 76.2

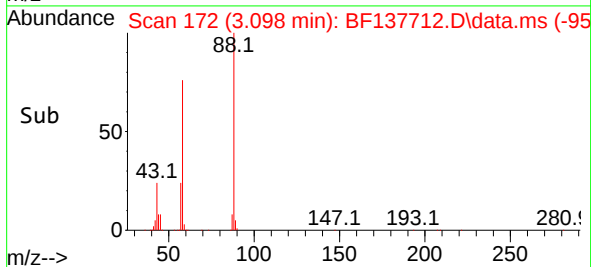
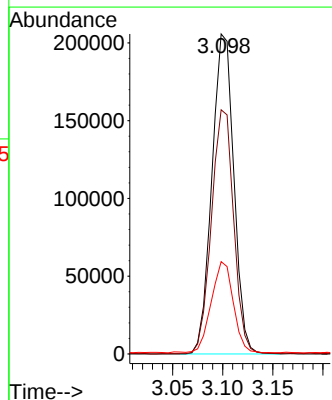
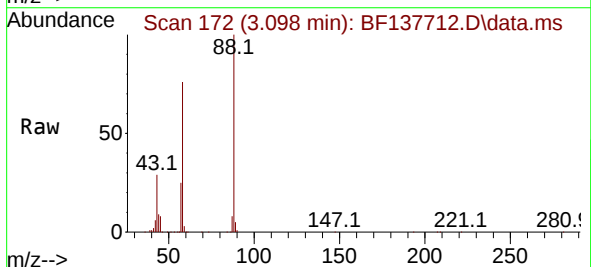
Manual Integrations
APPROVED

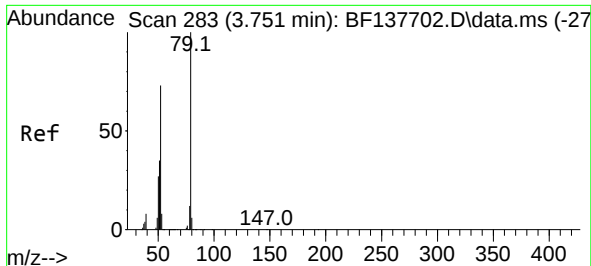
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 36.466 ng
RT: 3.098 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion: 88 Resp: 312868
Ion Ratio Lower Upper
88 100
58 77.0 62.4 93.6
43 28.9 23.7 35.5





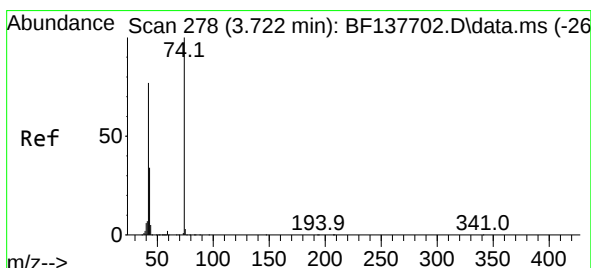
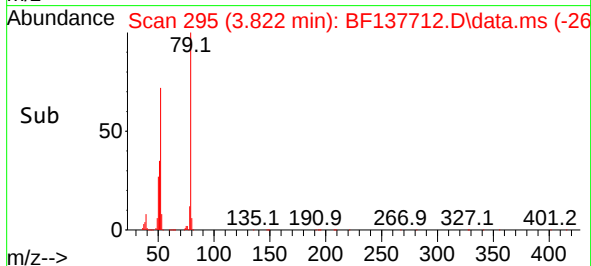
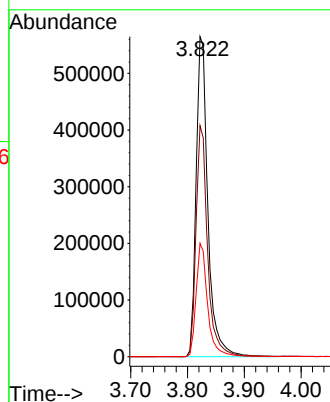
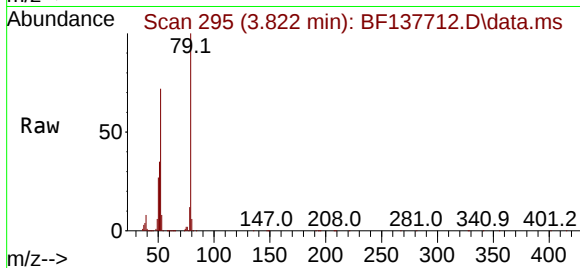
#3
Pyridine
Concen: 35.682 ng
RT: 3.822 min Scan# 290
Delta R.T. 0.071 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB160276BS

Tgt Ion: 79 Resp: 815504
Ion Ratio Lower Upper
79 100
52 72.2 58.0 87.0
51 35.4 27.9 41.9

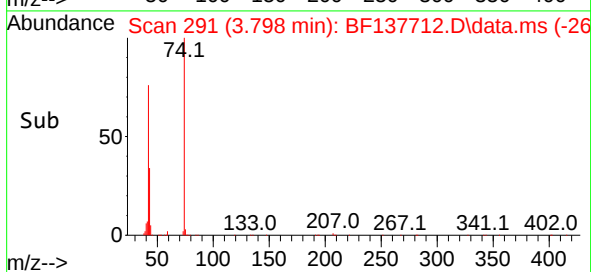
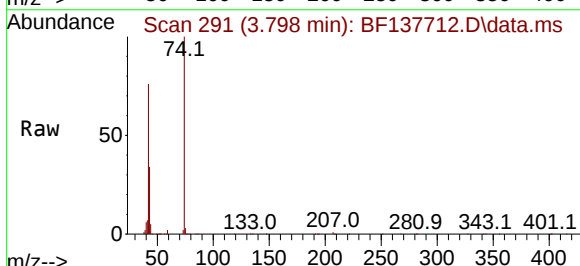
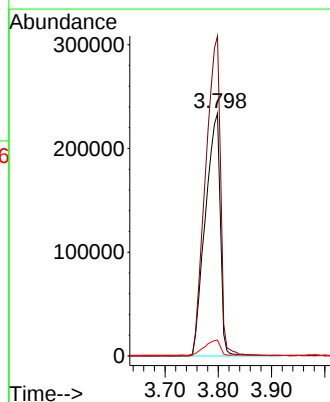
Manual Integrations
APPROVED

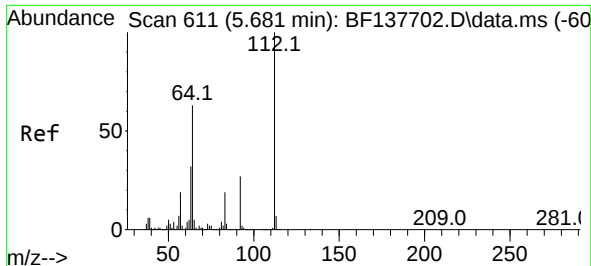
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 42.720 ng
RT: 3.798 min Scan# 291
Delta R.T. 0.076 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion: 42 Resp: 455673
Ion Ratio Lower Upper
42 100
74 131.9 103.4 155.2
44 6.6 5.5 8.3





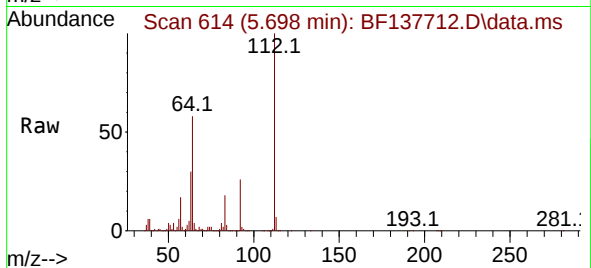
#5
2-Fluorophenol
Concen: 87.314 ng
RT: 5.698 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



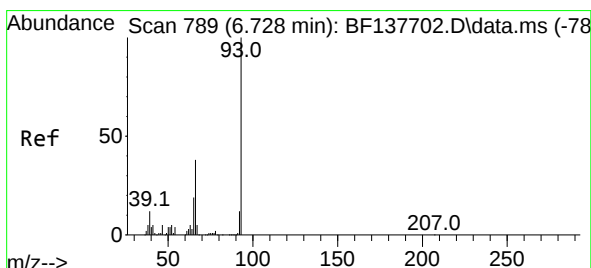
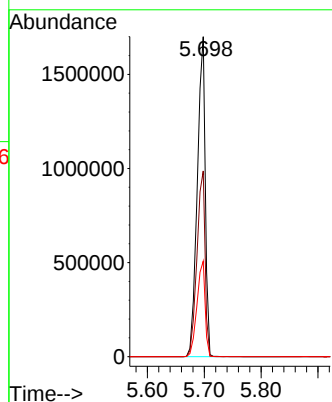
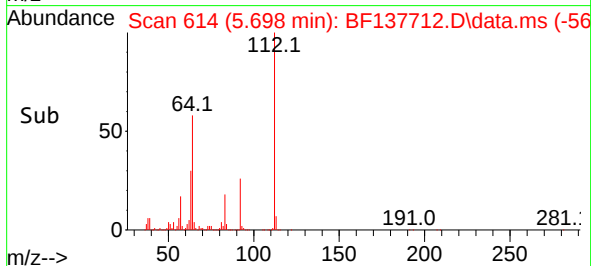
Tgt Ion: 112 Resp: 167295
Ion Ratio Lower Upper
112 100
64 58.1 50.1 75.1
63 29.8 25.2 37.8

Manual Integrations

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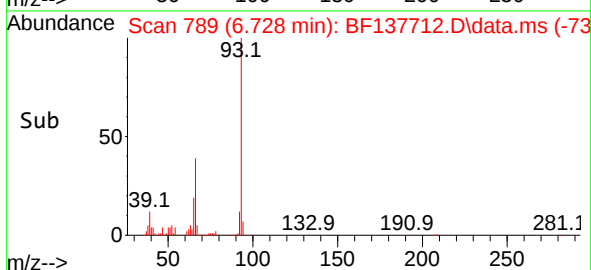
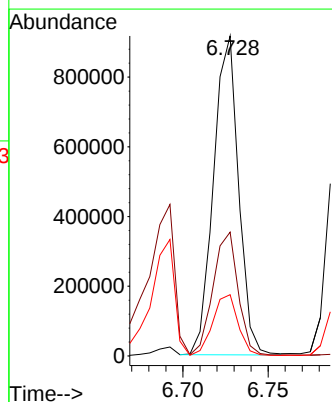
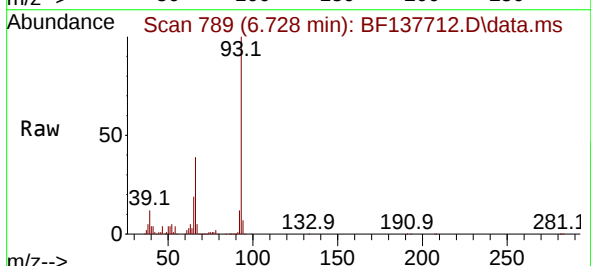
Reviewed By :Yogesh Patel 04/26/2024

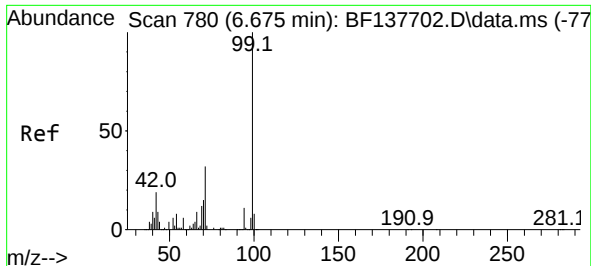
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 30.879 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF137712.D
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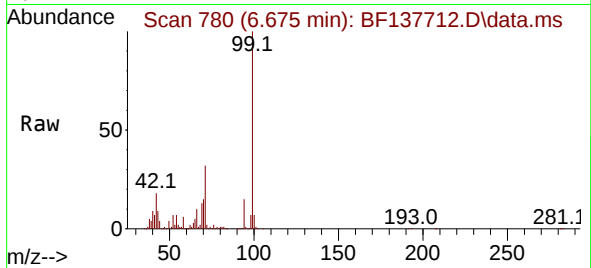
Tgt Ion: 93 Resp: 935149
Ion Ratio Lower Upper
93 100
66 38.7 32.1 48.1
65 19.2 16.4 24.6





#7
Phenol-d6
Concen: 87.175 ng
RT: 6.675 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

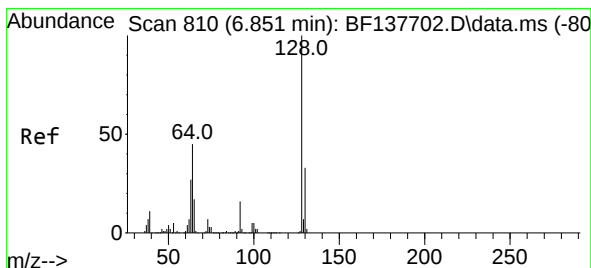
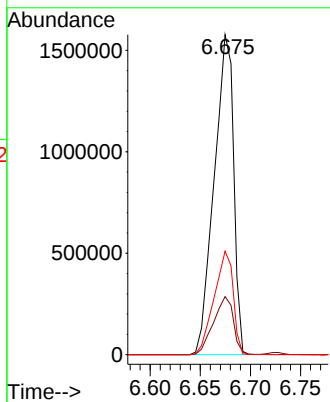
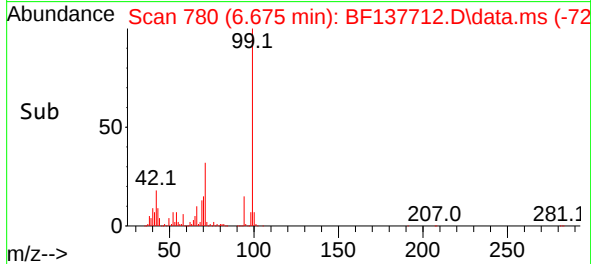
Instrument :
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Tgt Ion: 99 Resp: 2121070
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 32.3 25.7 38.5

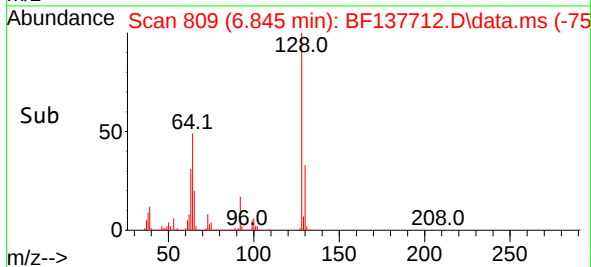
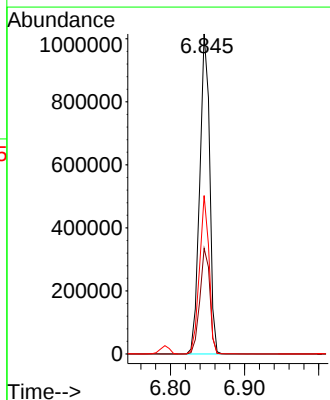
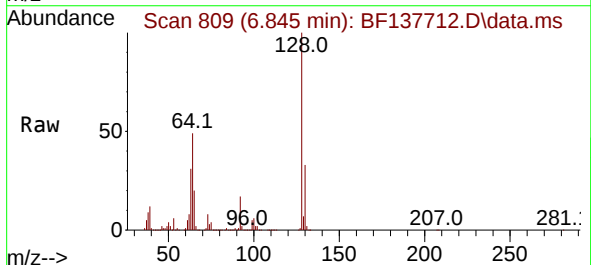
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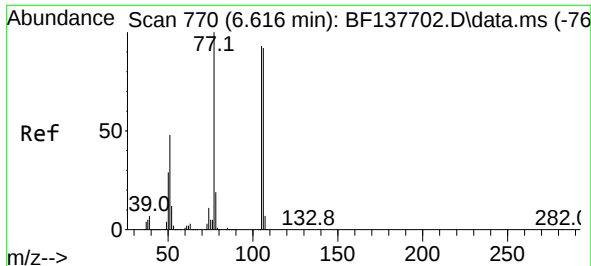
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 47.217 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

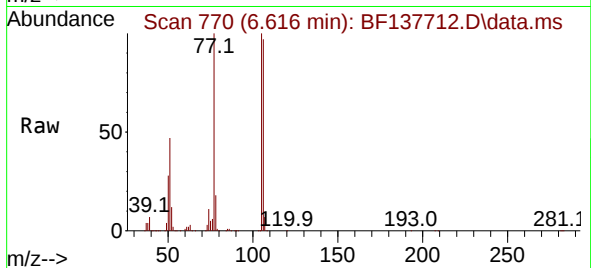
Tgt Ion:128 Resp: 944372
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 49.5 24.7 64.7





#9
Benzaldehyde
Concen: 16.045 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

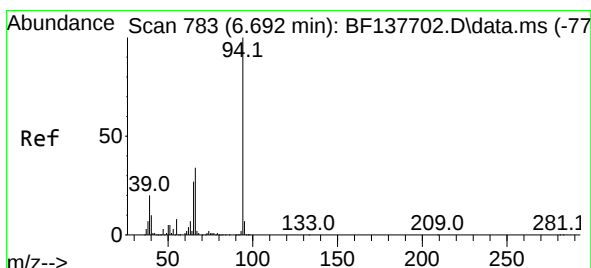
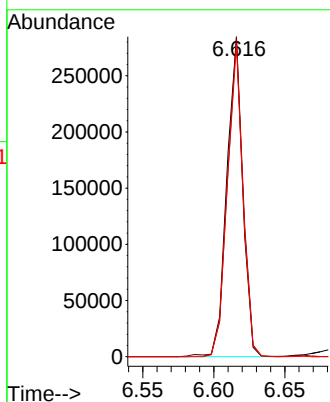
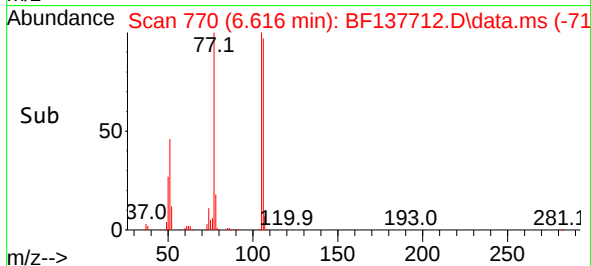
Instrument :
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Tgt Ion: 77 Resp: 219089
Ion Ratio Lower Upper
77 100
105 100.2 73.3 113.3
106 97.7 72.1 112.1

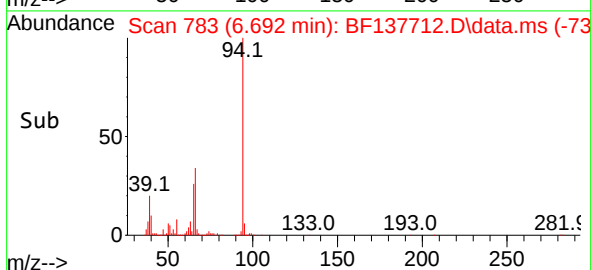
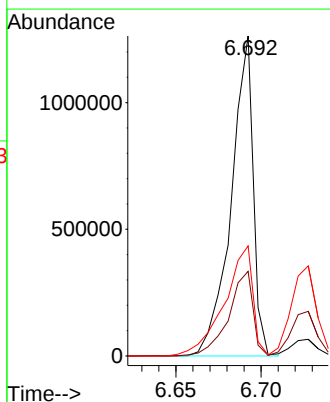
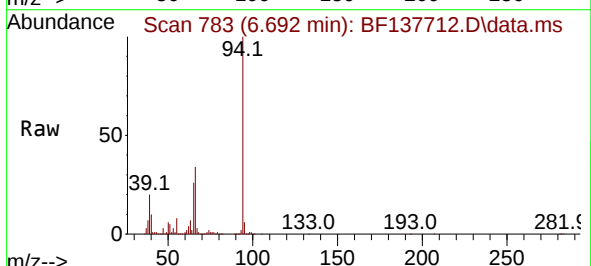
Manual Integrations
APPROVED

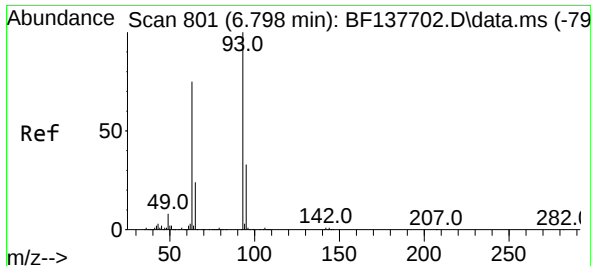
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 46.852 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

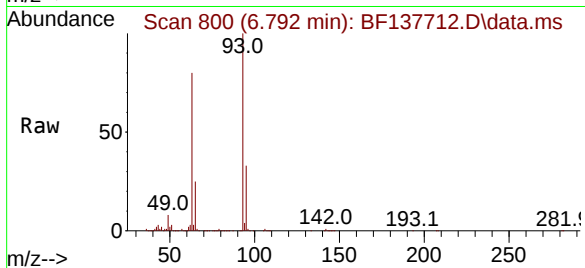
Tgt Ion: 94 Resp: 1138847
Ion Ratio Lower Upper
94 100
65 26.5 6.5 46.5
66 34.4 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 44.534 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

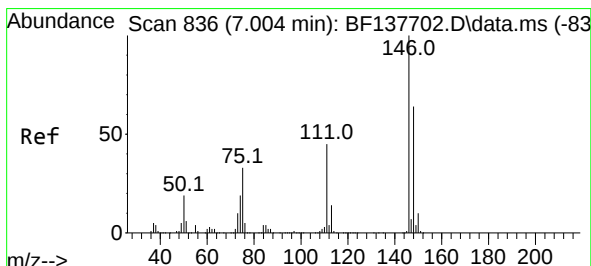
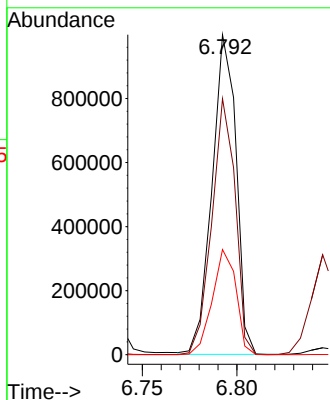
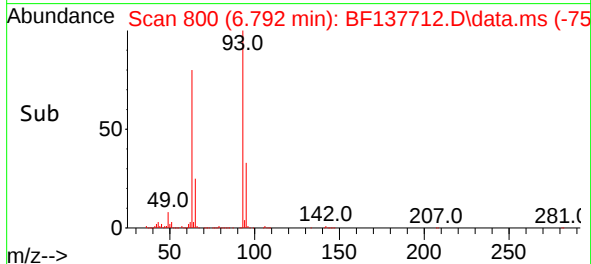
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion: 93 Resp: 882945
Ion Ratio Lower Upper
93 100
63 80.0 54.8 94.8
95 32.9 13.2 53.2

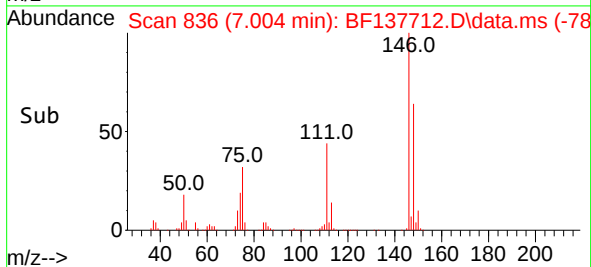
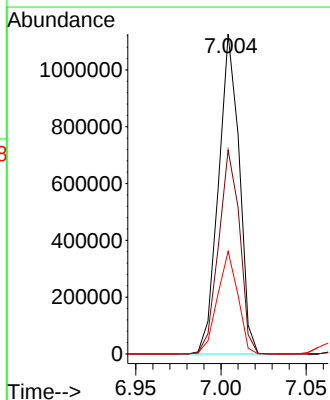
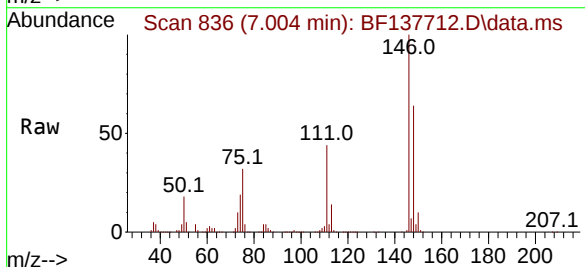
Manual Integrations
APPROVED

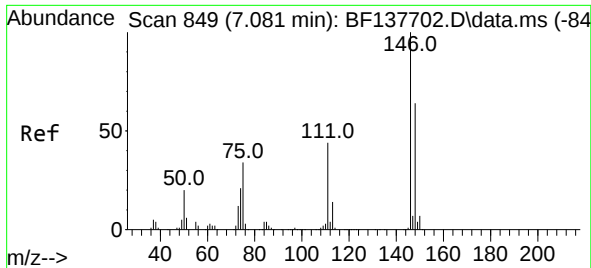
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 45.525 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:146 Resp: 954875
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 32.1 26.4 39.6





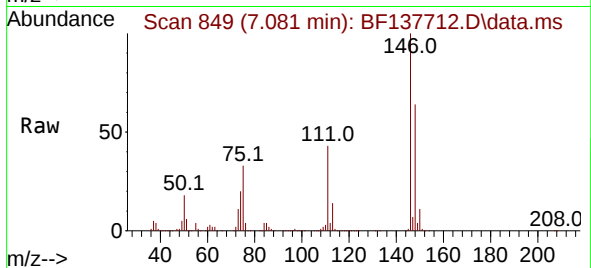
#13
1,4-Dichlorobenzene
Concen: 46.006 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

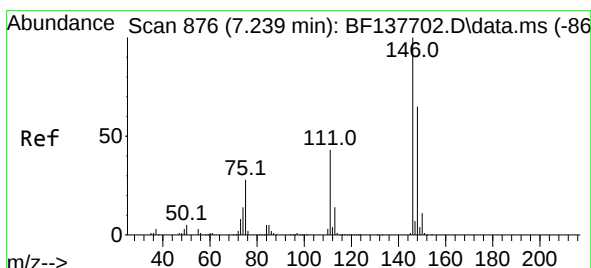
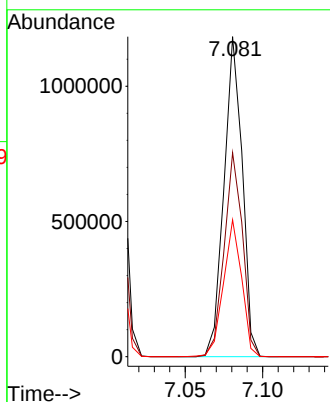
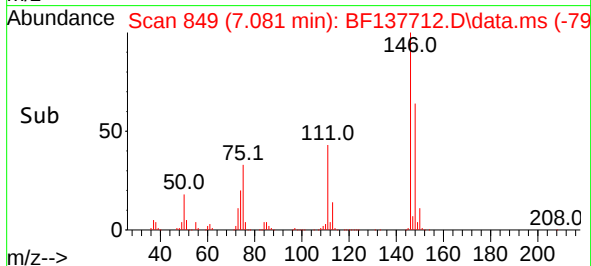


Tgt Ion:146 Resp: 971499
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 42.8 35.0 52.6

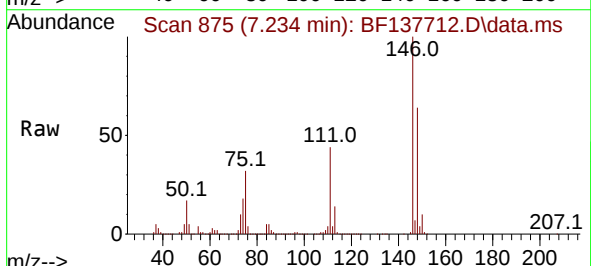
Manual Integrations

APPROVED

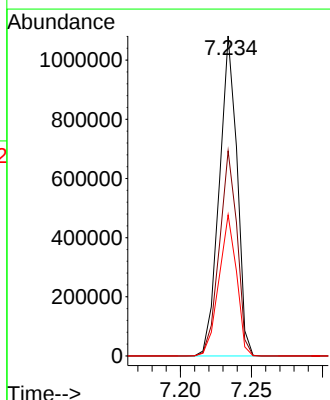
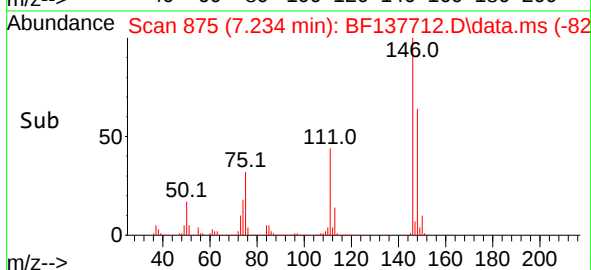
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

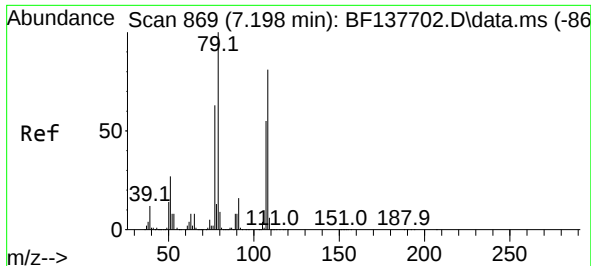


#14
1,2-Dichlorobenzene
Concen: 47.716 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:146 Resp: 937923
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
111 44.1 34.5 51.7





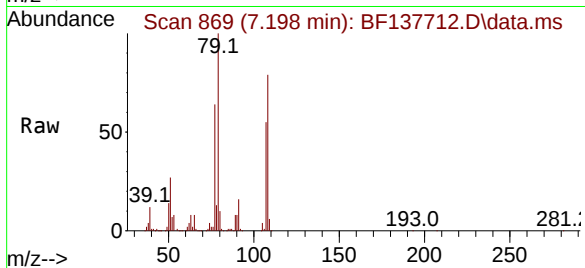
#15
Benzyl Alcohol
Concen: 44.841 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



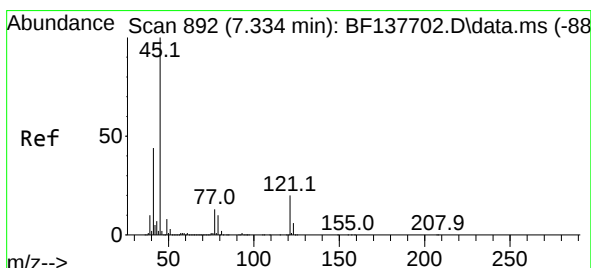
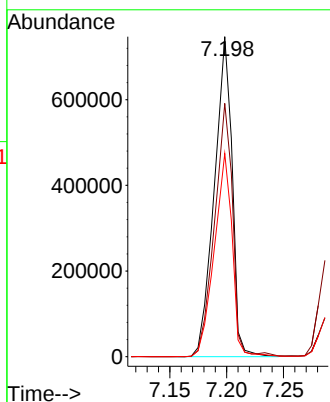
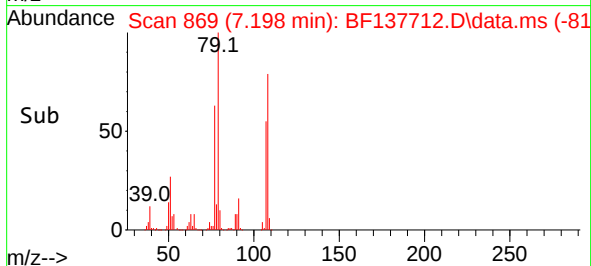
Tgt Ion: 79 Resp: 816179
Ion Ratio Lower Upper
79 100
108 79.2 64.8 97.2
77 63.5 50.3 75.5

Manual Integrations

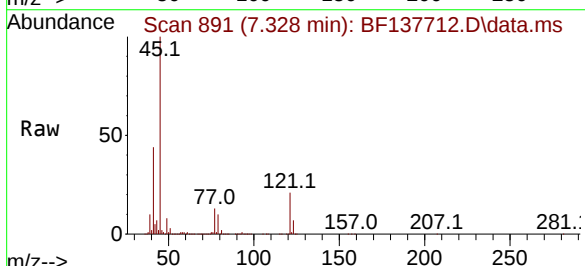
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

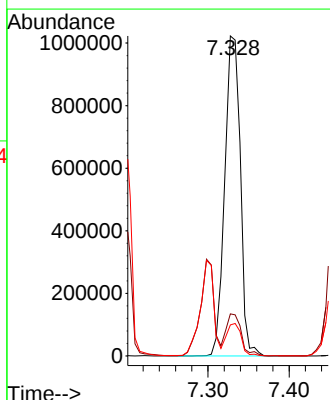
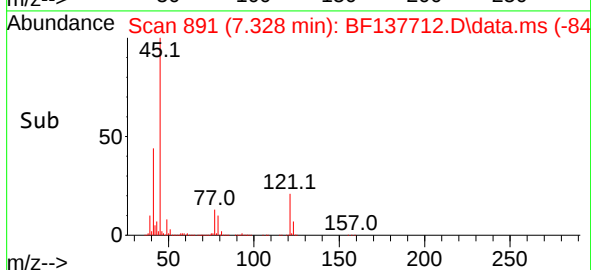
Supervised By :mohammad ahmed 04/27/2024

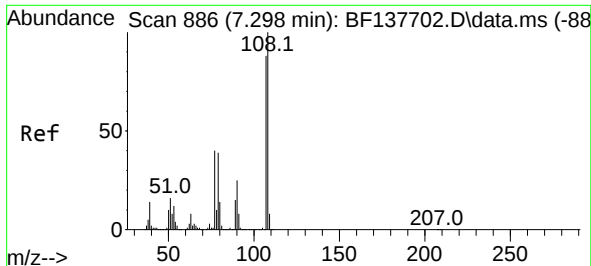


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.824 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion: 45 Resp: 1366727
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 9.7 0.0 30.1





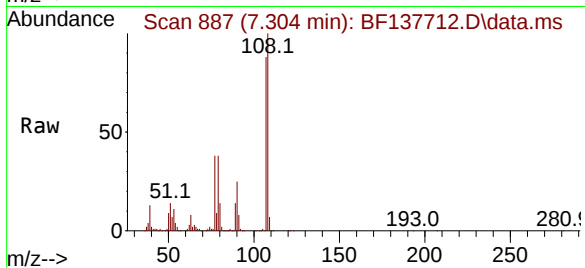
#17
2-Methylphenol
Concen: 43.822 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



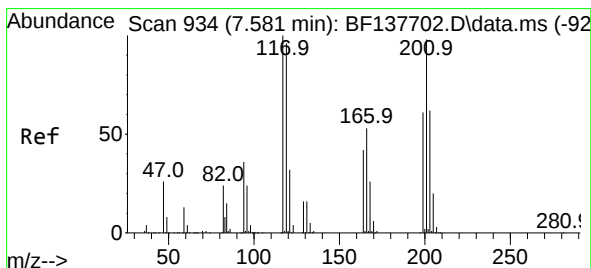
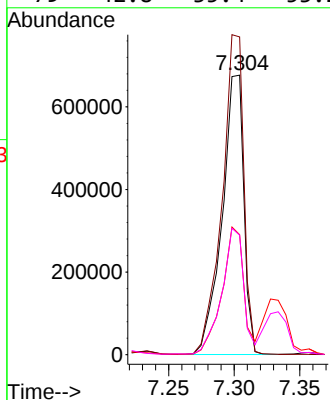
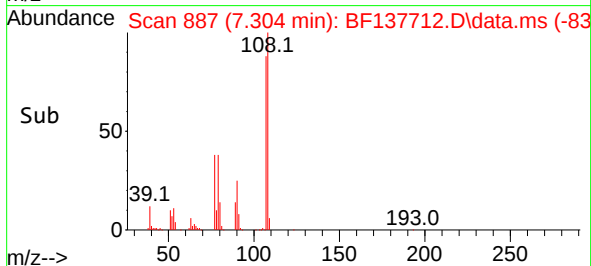
Tgt Ion:107 Resp: 77871
Ion Ratio Lower Upper
107 100
108 113.7 90.6 135.8
77 42.9 35.8 53.8
79 42.8 35.4 53.2

Manual Integrations

APPROVED

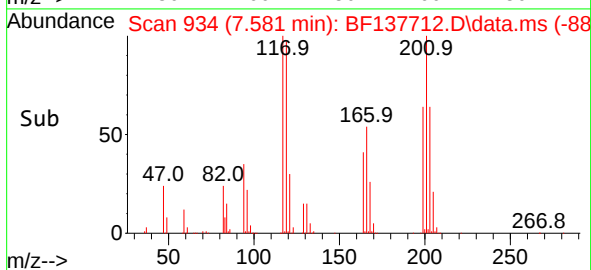
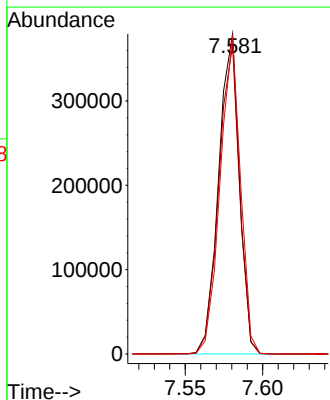
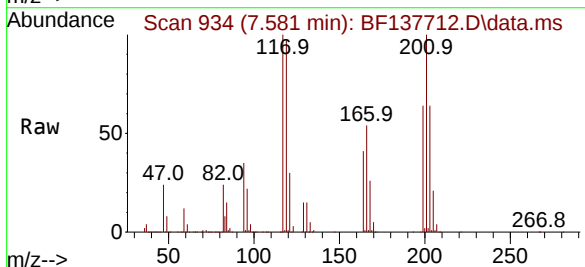
Reviewed By :Yogesh Patel 04/26/2024

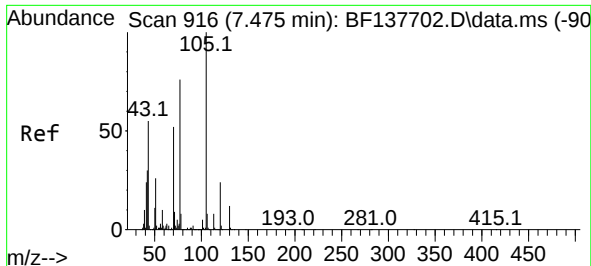
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 47.322 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:117 Resp: 353672
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 99.7 78.1 117.1





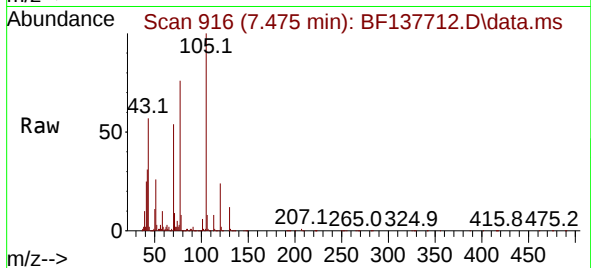
#19
n-Nitroso-di-n-propylamine
Concen: 43.514 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

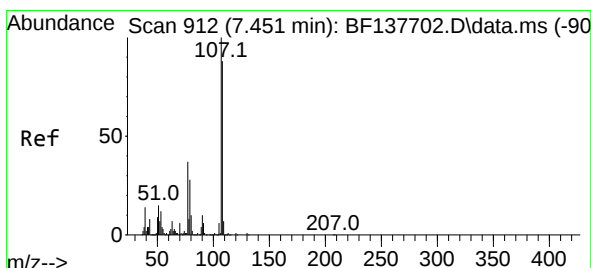
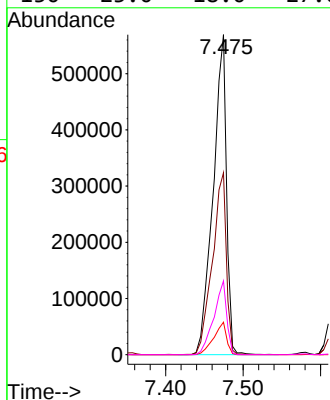
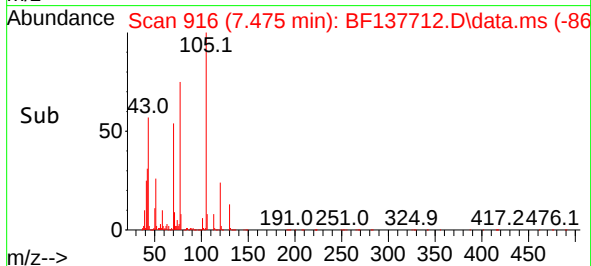
PB160276BS



Tgt Ion: 70 Resp: 68463
Ion Ratio Lower Upper
70 100
42 56.9 45.9 68.9
101 10.2 8.0 12.0
130 23.0 18.0 27.0

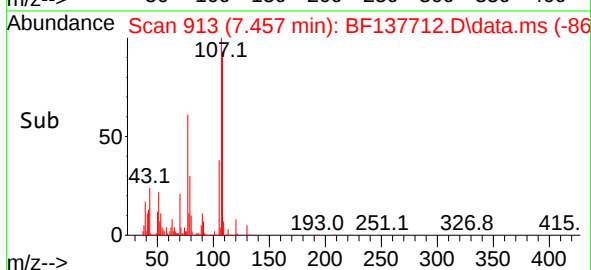
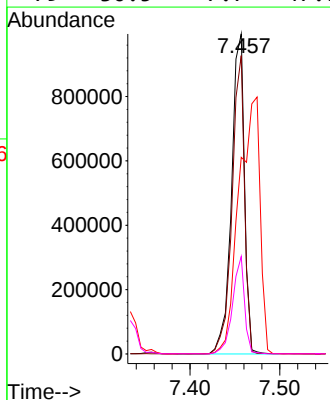
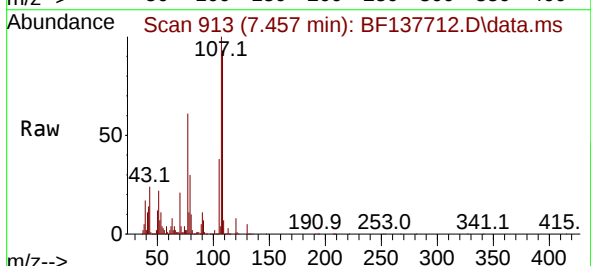
Manual Integrations
APPROVED

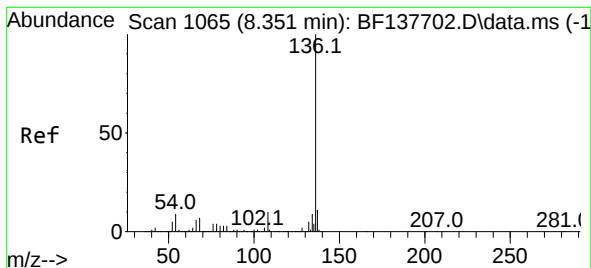
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
3+4-Methylphenols
Concen: 43.439 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:107 Resp: 996980
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 61.5 16.8 56.8#
79 30.5 7.7 47.7





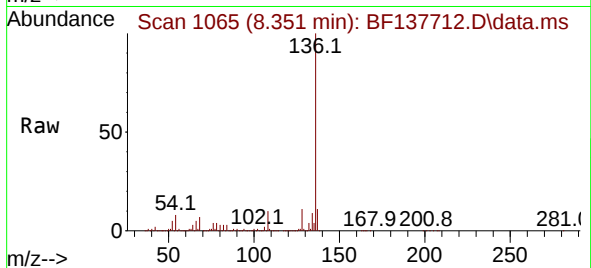
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



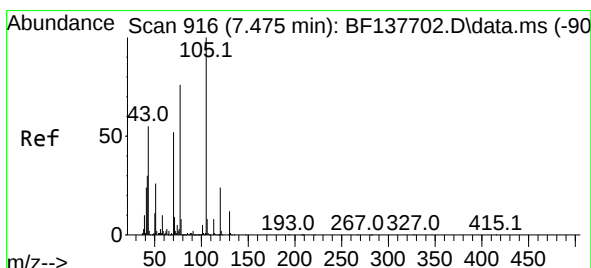
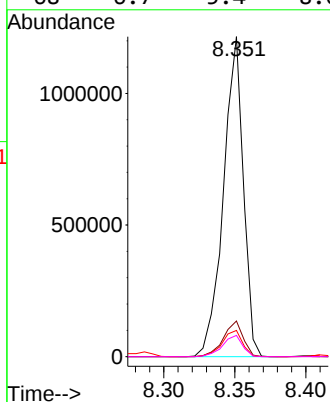
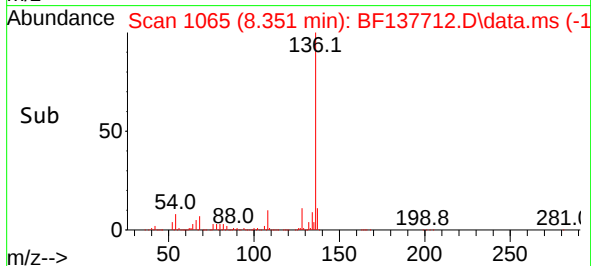
Tgt Ion:136 Resp: 1182000
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 6.9 10.3
68 6.7 5.4 8.0

Manual Integrations

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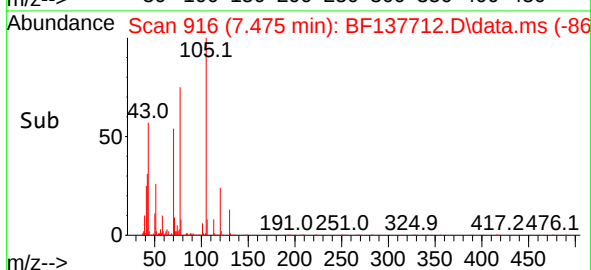
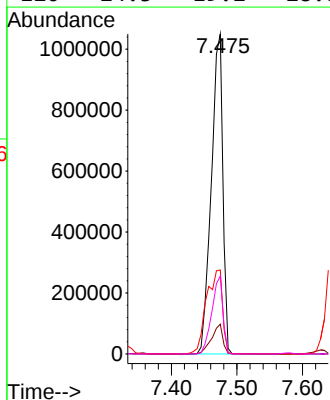
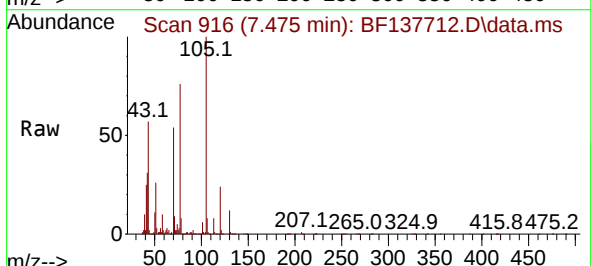
Reviewed By :Yogesh Patel 04/26/2024

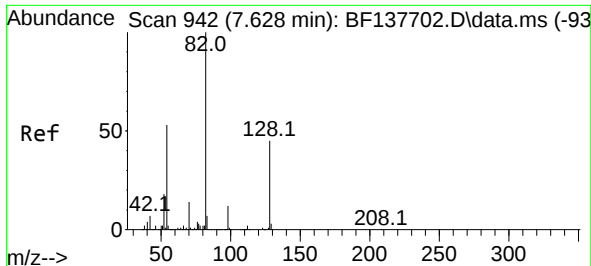
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 44.411 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:105 Resp: 1283938
Ion Ratio Lower Upper
105 100
71 9.3 7.0 10.6
51 26.3 20.5 30.7
120 24.3 19.2 28.8





#23

Nitrobenzene-d5

Concen: 85.890 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion: 82 Resp: 1912514

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.6

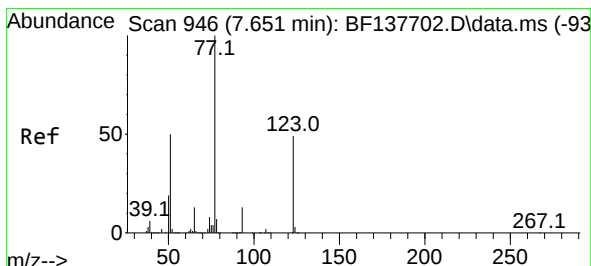
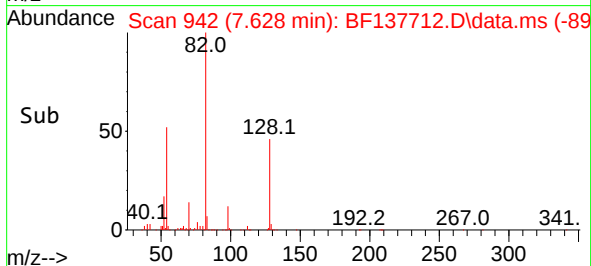
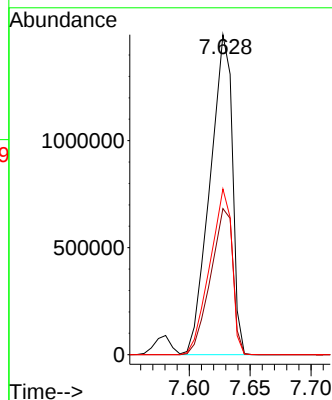
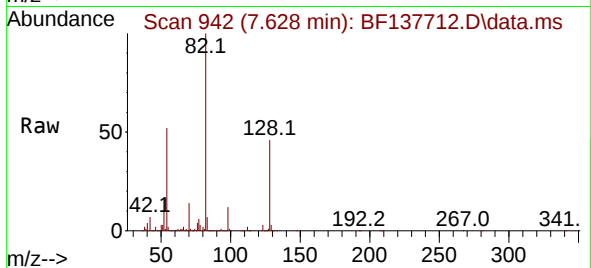
54 51.8 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 44.178 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

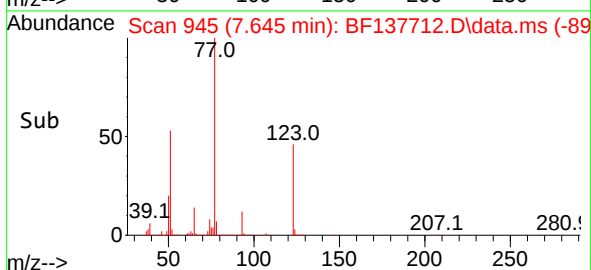
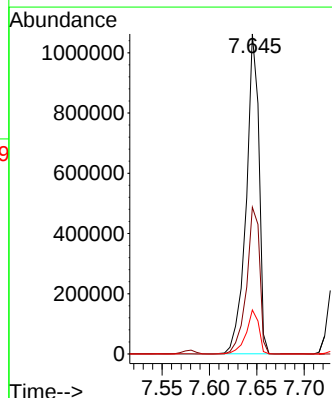
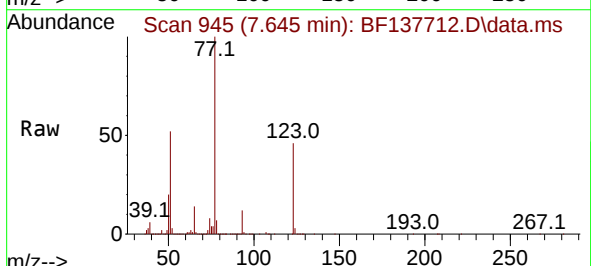
Tgt Ion: 77 Resp: 993840

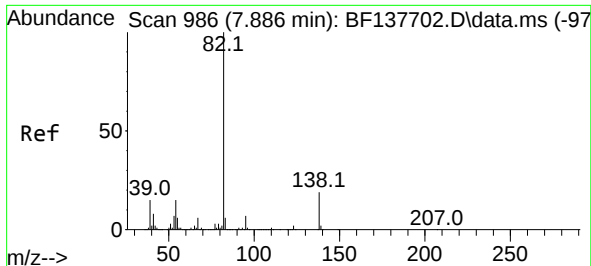
Ion Ratio Lower Upper

77 100

123 45.9 40.4 60.6

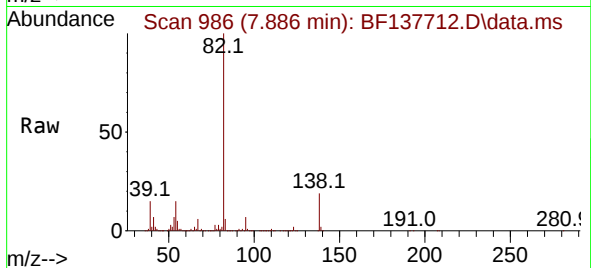
65 13.8 10.7 16.1





#25
Isophorone
Concen: 45.737 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

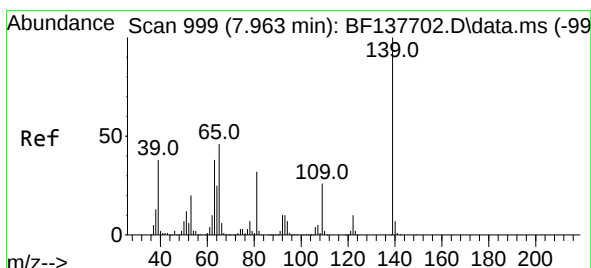
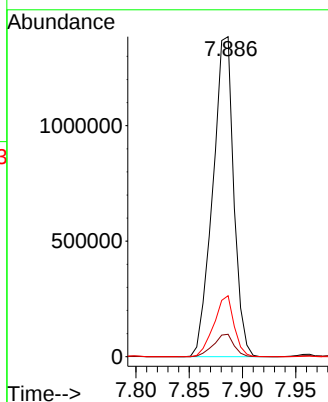
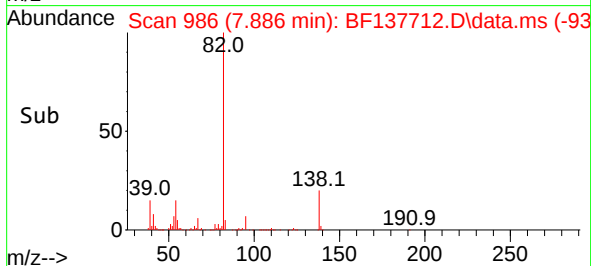
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion: 82 Resp: 1891429
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.1 15.3 22.9

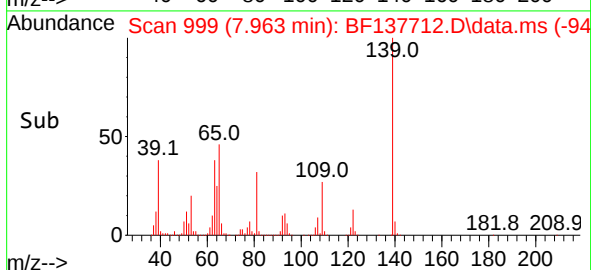
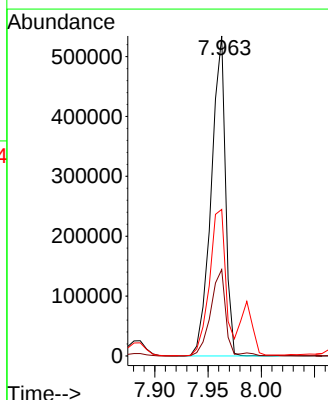
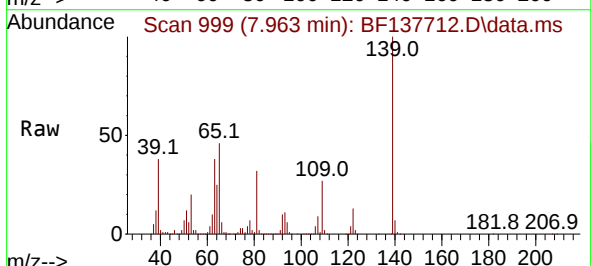
Manual Integrations
APPROVED

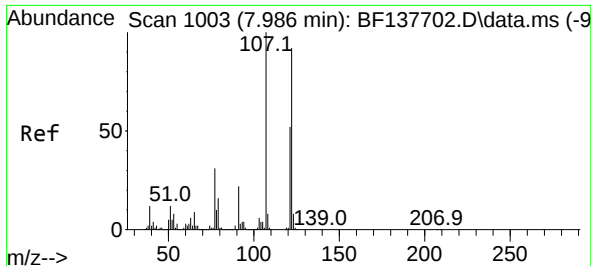
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 50.331 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:139 Resp: 496882
Ion Ratio Lower Upper
139 100
109 27.0 21.1 31.7
65 45.8 37.1 55.7





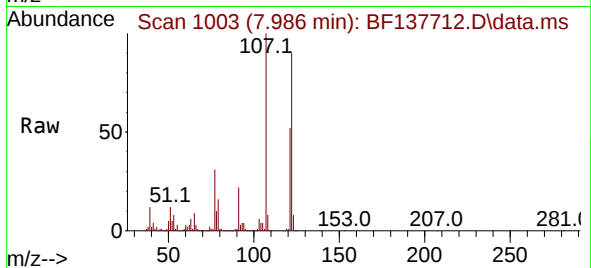
#27
2,4-Dimethylphenol
Concen: 47.032 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



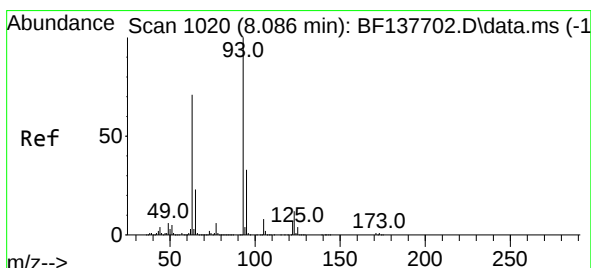
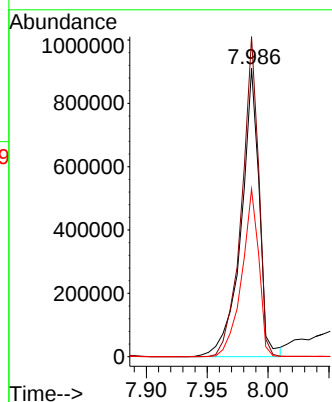
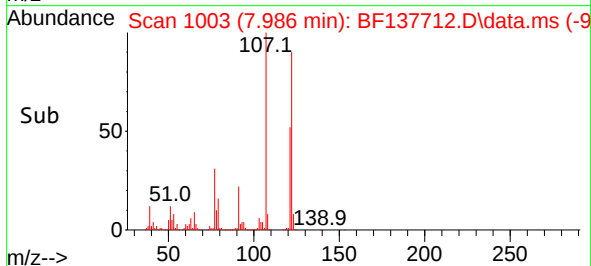
Tgt Ion:122 Resp: 936758
Ion Ratio Lower Upper
122 100
107 111.1 87.2 130.8
121 58.2 45.2 67.8

Manual Integrations

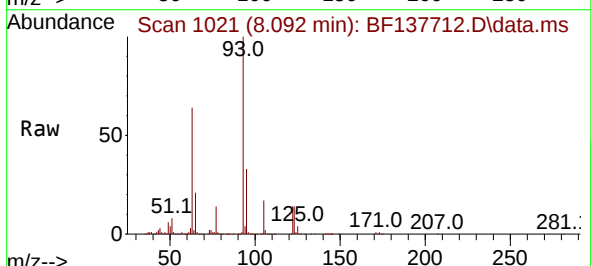
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

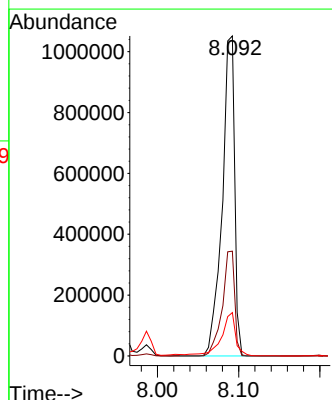
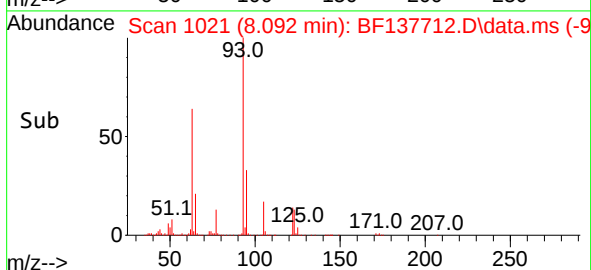
Supervised By :mohammad ahmed 04/27/2024

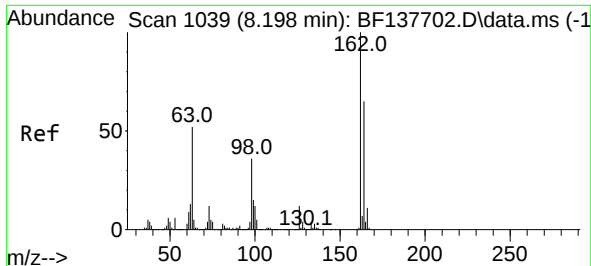


#28
bis(2-Chloroethoxy)methane
Concen: 44.704 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion: 93 Resp: 1129201
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.5 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.310 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

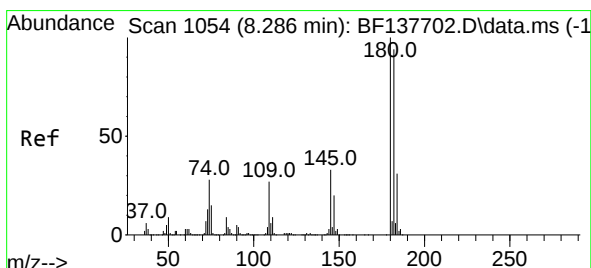
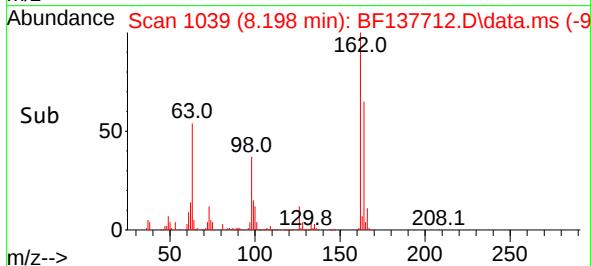
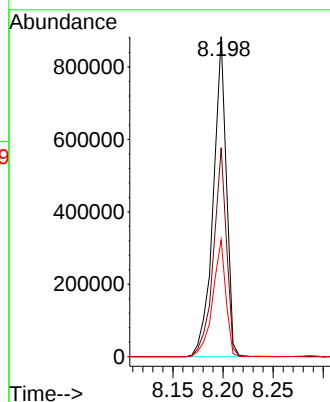
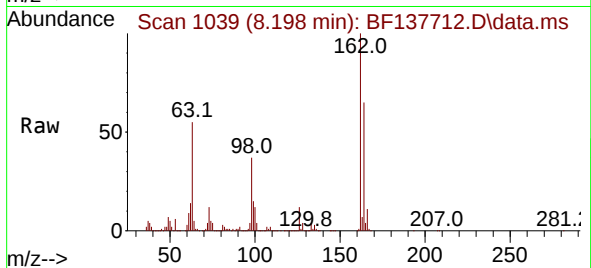
Tgt Ion:162 Resp: 80837
 Ion Ratio Lower Upper
 162 100
 164 65.3 45.2 85.2
 98 36.5 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.158 ng

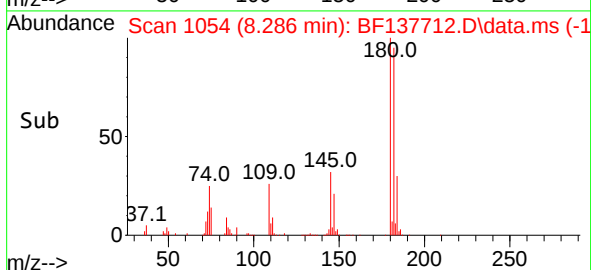
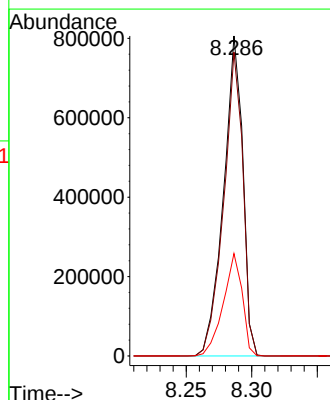
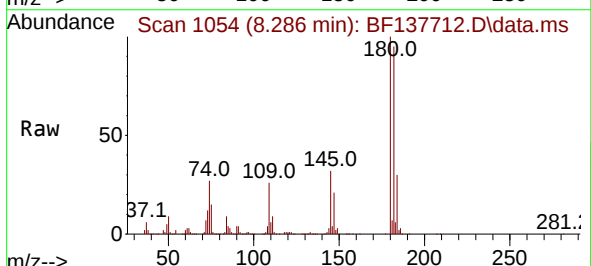
RT: 8.286 min Scan# 1054

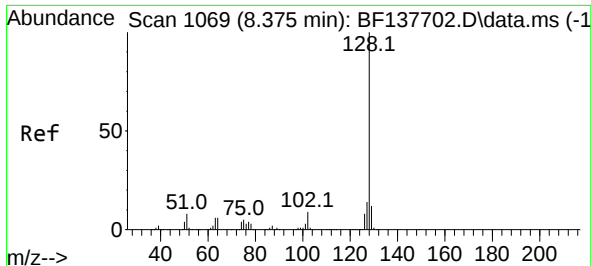
Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Tgt Ion:180 Resp: 821244
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.2
 145 32.0 26.3 39.5





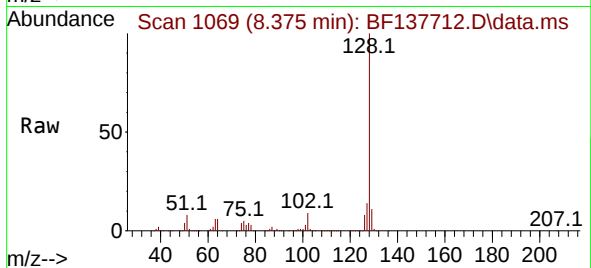
#31
Naphthalene
Concen: 44.500 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



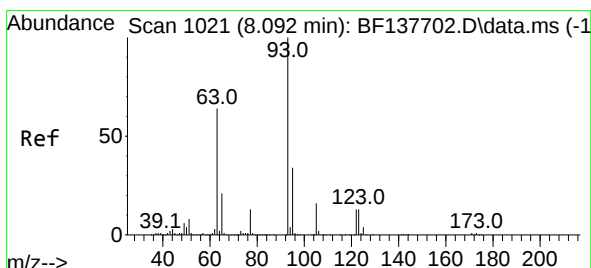
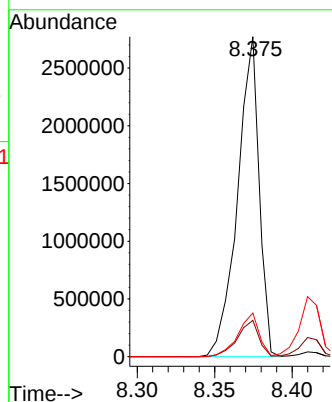
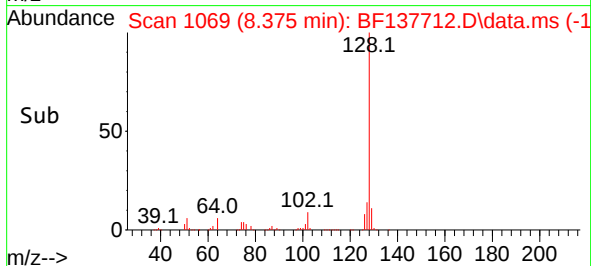
Tgt Ion:128 Resp: 2684074
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.7 11.0 16.6

Manual Integrations

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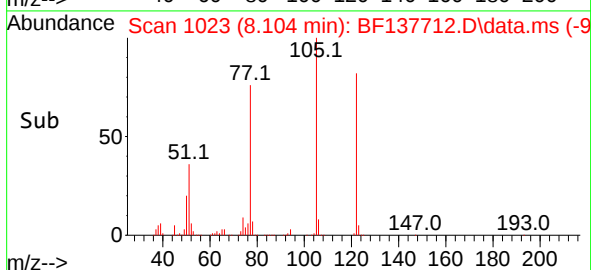
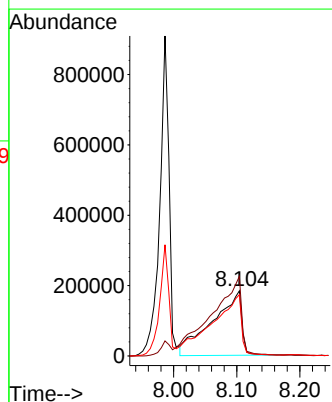
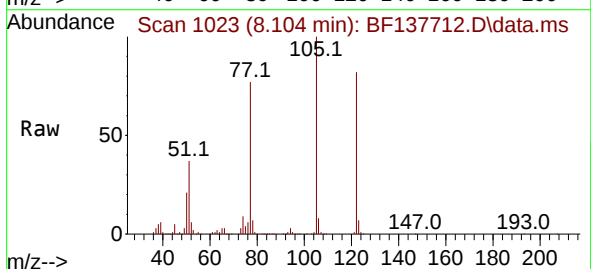
Reviewed By :Yogesh Patel 04/26/2024

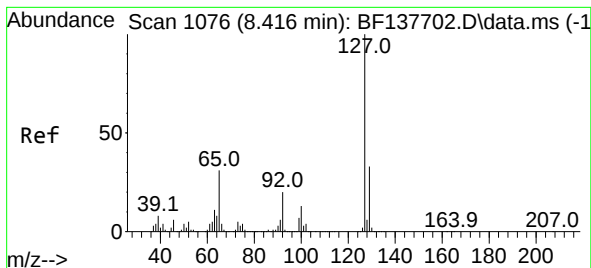
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 46.886 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.012 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:122 Resp: 591296
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 94.1 75.7 115.7





#33

4-Chloroaniline

Concen: 19.574 ng

RT: 8.410 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion:127 Resp: 49974

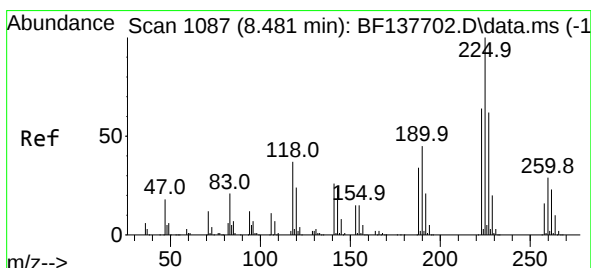
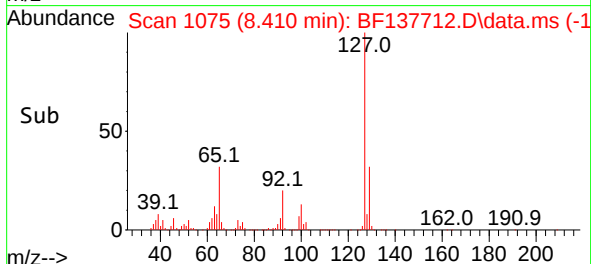
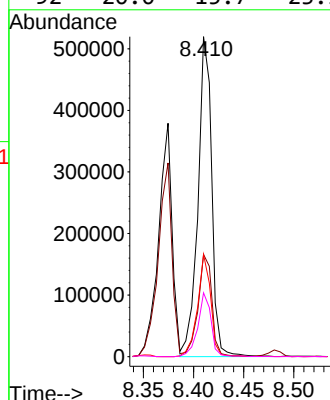
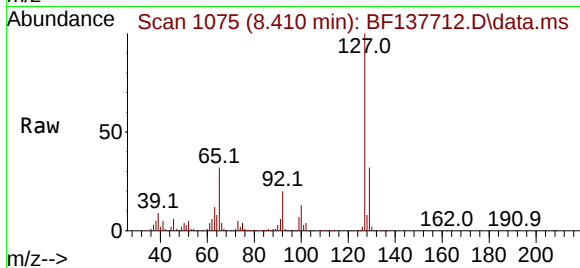
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	32.0	24.6	36.8
92	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#34

Hexachlorobutadiene

Concen: 45.123 ng

RT: 8.480 min Scan# 1087

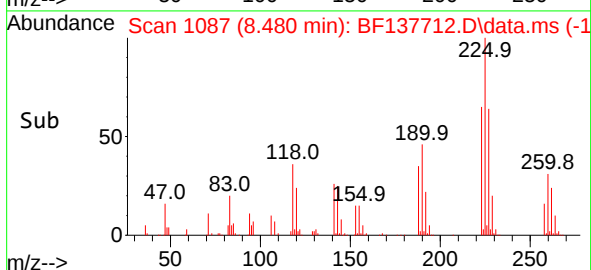
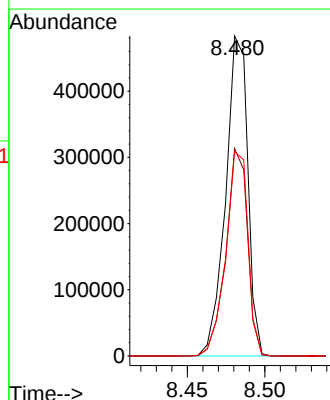
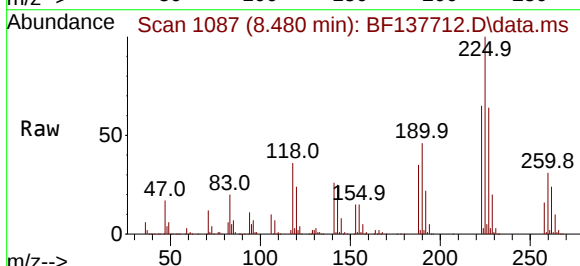
Delta R.T. -0.000 min

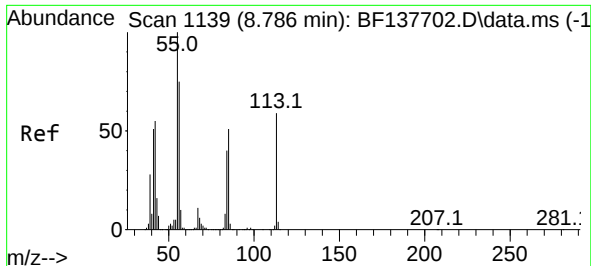
Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Tgt Ion:225 Resp: 481297

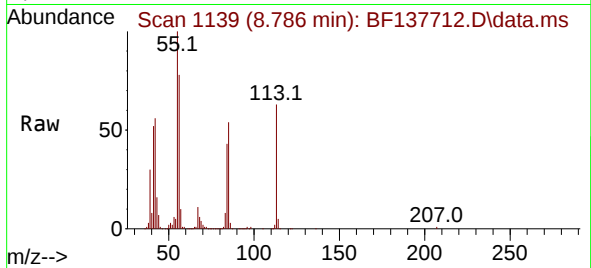
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.4	77.0
227	63.8	49.4	74.2





#35
Caprolactam
Concen: 44.580 ng m
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

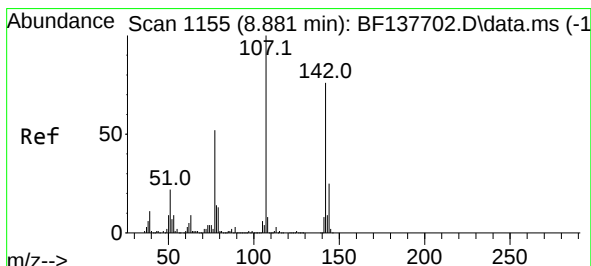
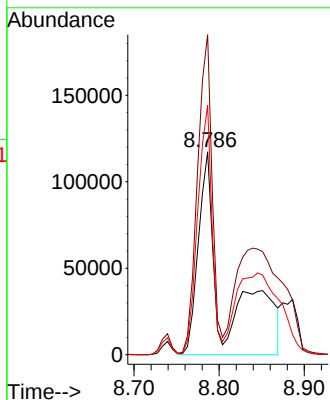
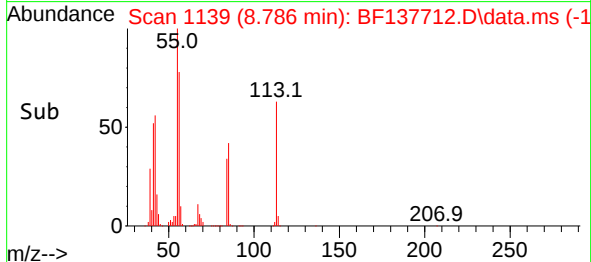
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:113 Resp: 25159
Ion Ratio Lower Upper
113 100
55 157.8 148.7 188.7
56 122.9 107.2 147.2

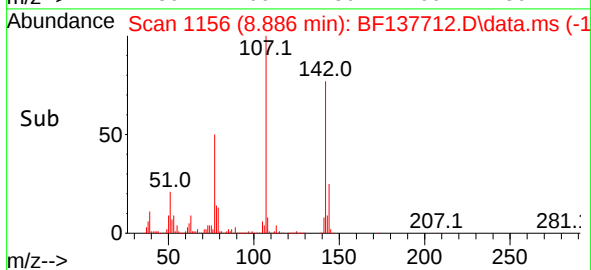
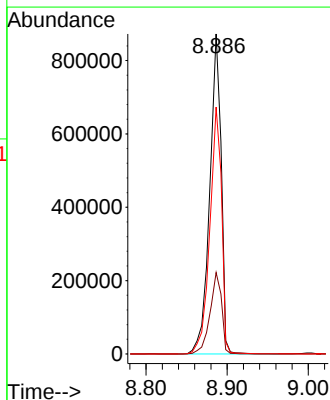
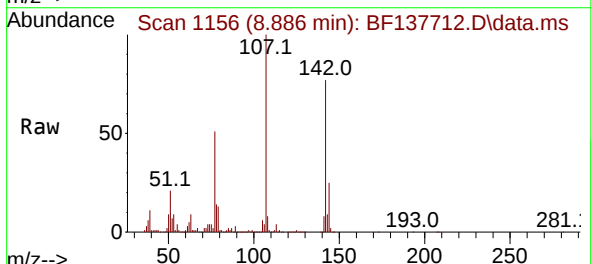
Manual Integrations
APPROVED

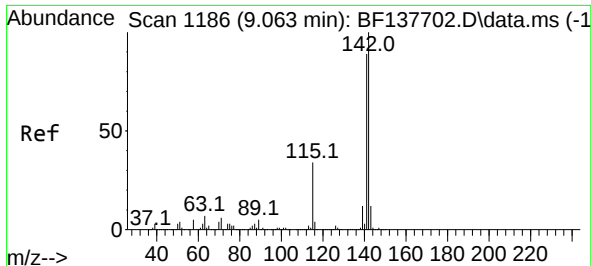
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#36
4-Chloro-3-methylphenol
Concen: 46.059 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:107 Resp: 852737
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.8
142 77.2 60.5 90.7





#37
2-Methylnaphthalene
Concen: 43.219 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

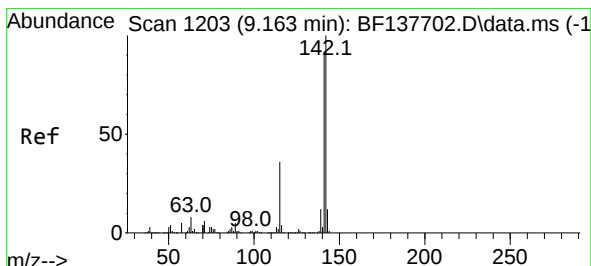
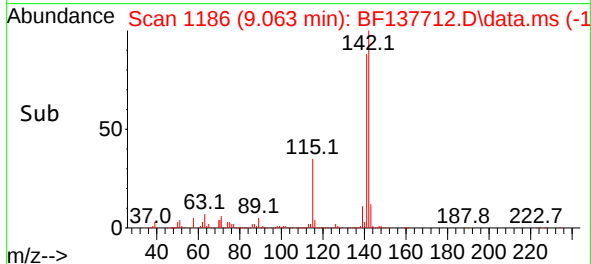
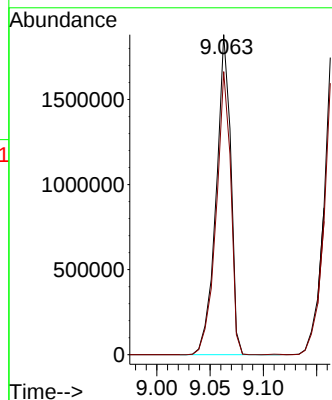
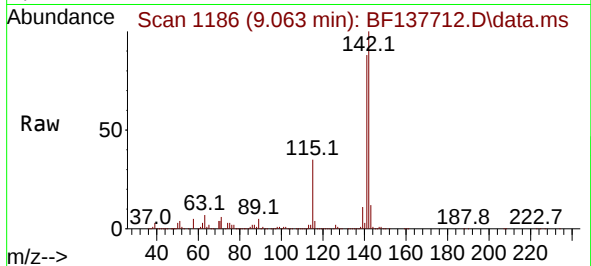
PB160276BS

Tgt Ion:142 Resp: 1789230
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

Manual Integrations

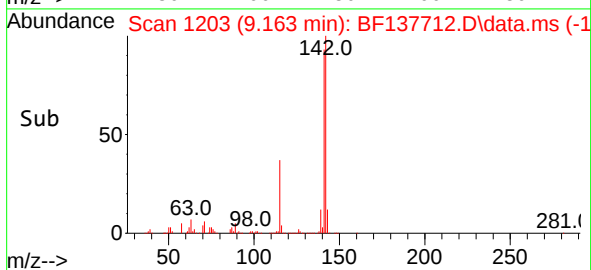
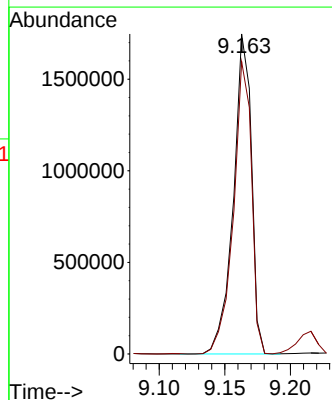
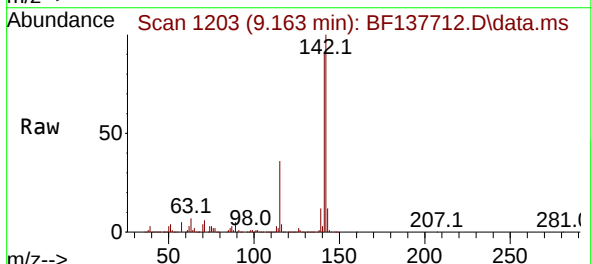
APPROVED

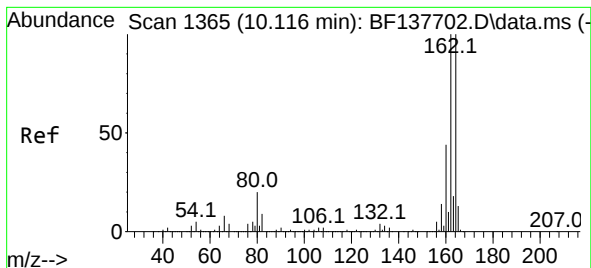
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#38
1-Methylnaphthalene
Concen: 43.284 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:142 Resp: 1675375
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137712.D

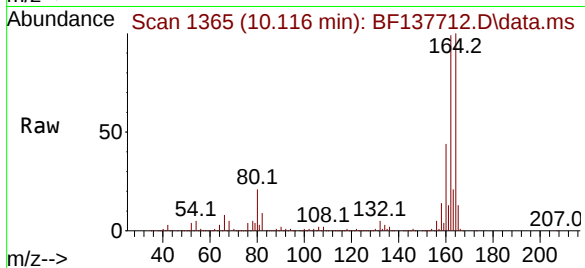
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



Tgt Ion:164 Resp: 634864

Ion Ratio Lower Upper

164 100

162 98.6 80.3 120.5

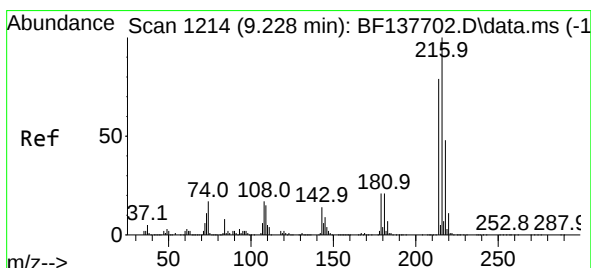
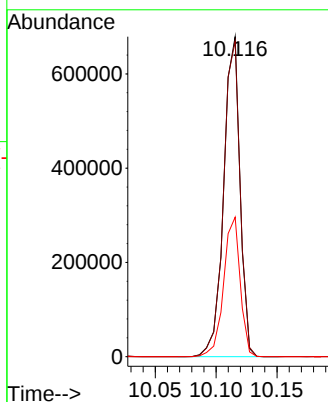
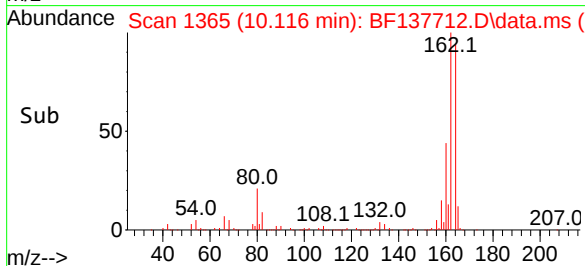
160 43.6 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.675 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Tgt Ion:216 Resp: 794977

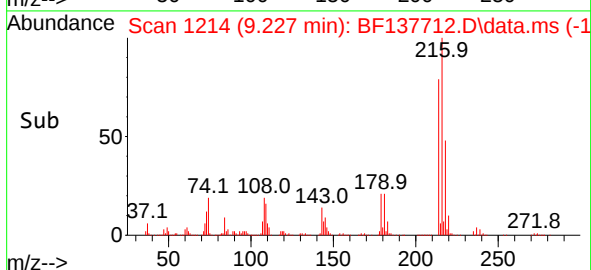
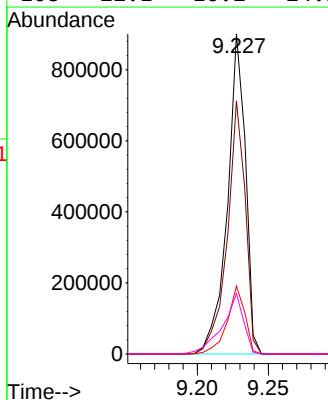
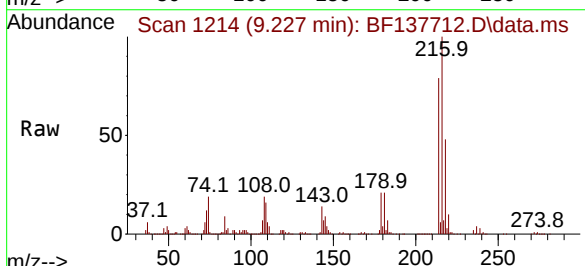
Ion Ratio Lower Upper

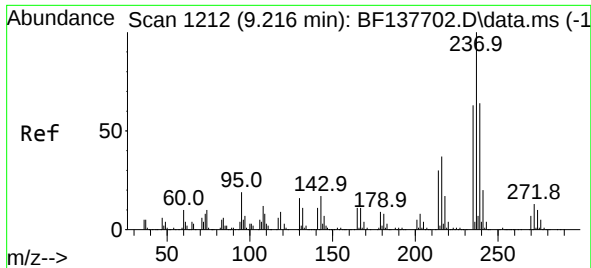
216 100

214 78.7 63.4 95.0

179 20.9 17.1 25.7

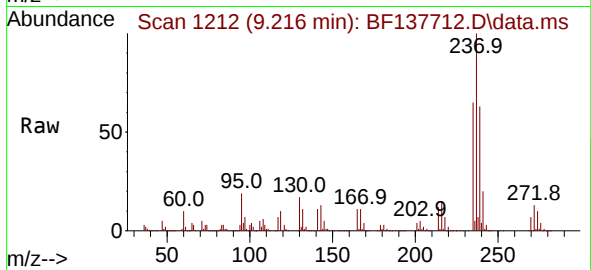
108 22.1 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 112.950 ng
RT: 9.216 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

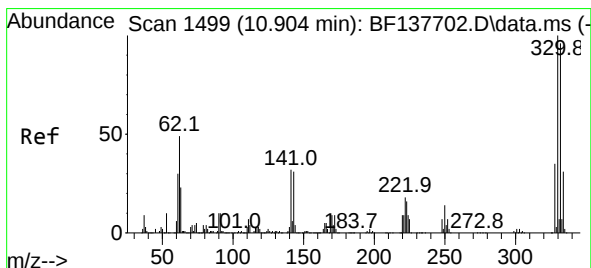
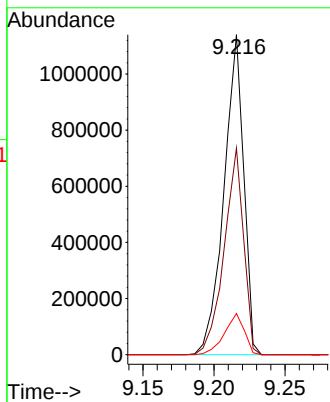
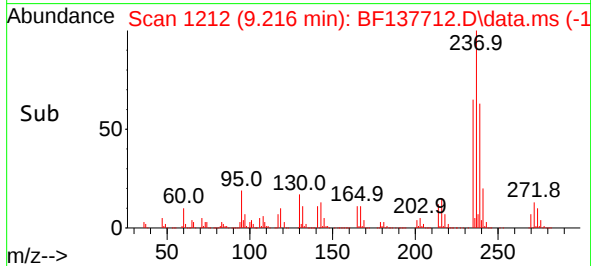
Instrument :
BNA_F
ClientSampleId :
PB160276BS



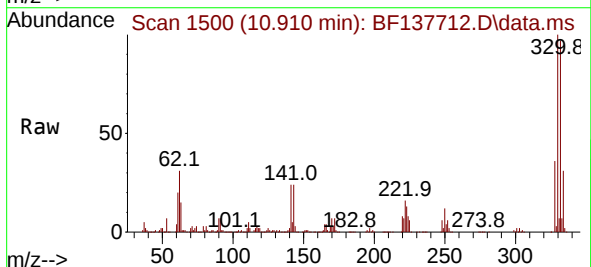
Tgt Ion:237 Resp: 110151
Ion Ratio Lower Upper
237 100
235 64.6 42.9 82.9
272 12.8 0.0 33.1

Manual Integrations
APPROVED

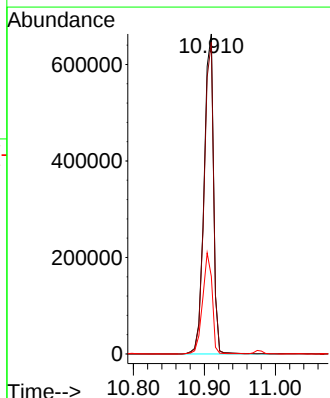
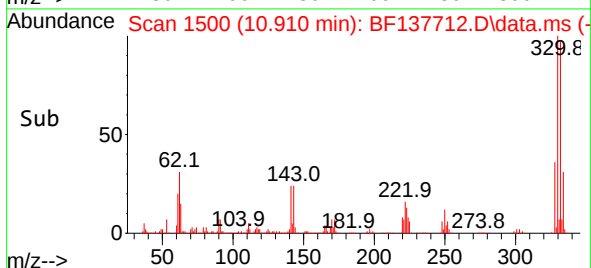
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

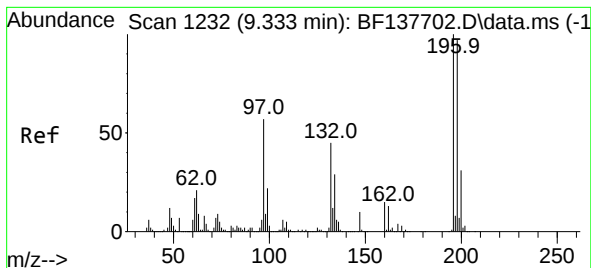


#42
2,4,6-Tribromophenol
Concen: 95.918 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:330 Resp: 614475
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.9 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.750 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF137712.D

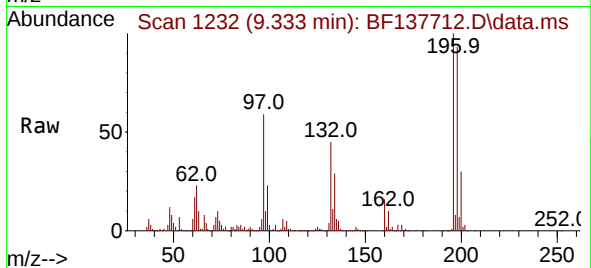
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



Tgt Ion:196 Resp: 595240

Ion Ratio Lower Upper

196 100

198 93.5 77.8 116.6

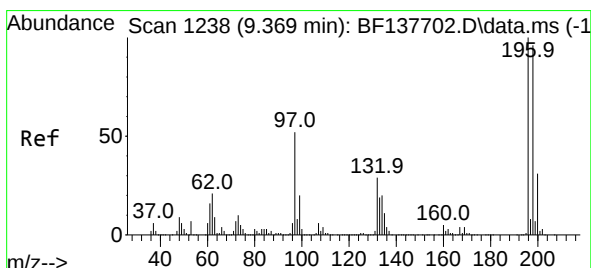
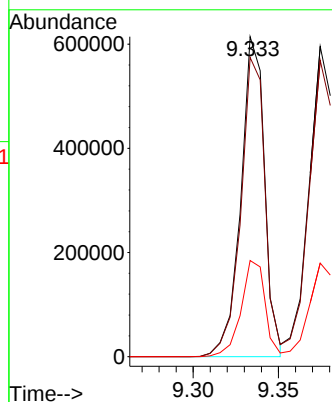
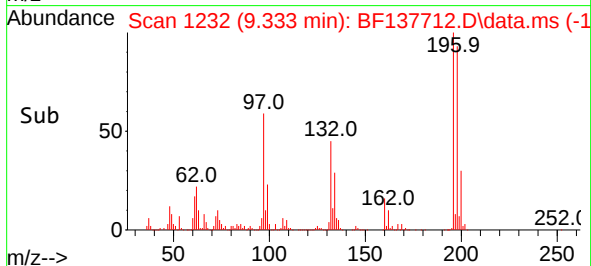
200 30.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 45.248 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Tgt Ion:196 Resp: 633169

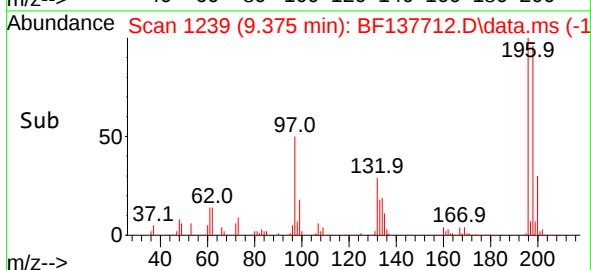
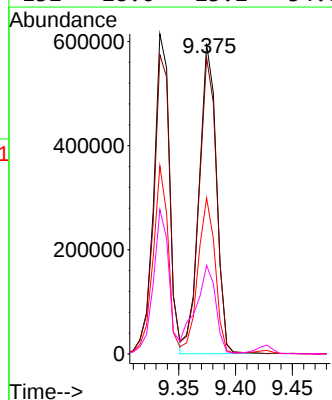
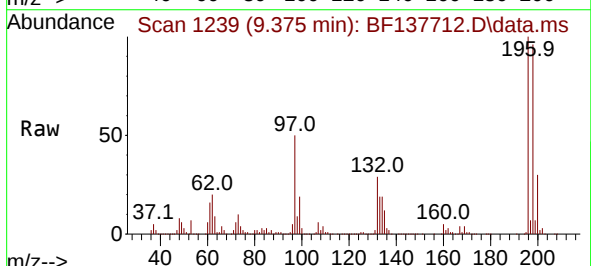
Ion Ratio Lower Upper

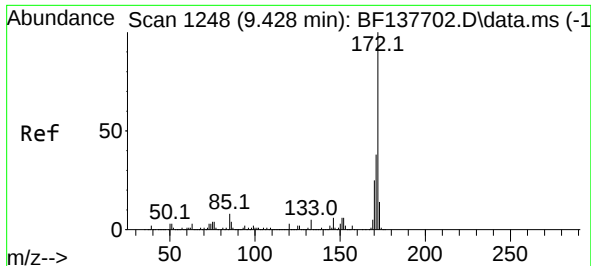
196 100

198 95.5 77.2 115.8

97 50.3 41.8 62.8

132 28.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 84.154 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.001 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion:172 Resp: 357555

Ion Ratio Lower Upper

172 100

171 37.8 30.2 45.4

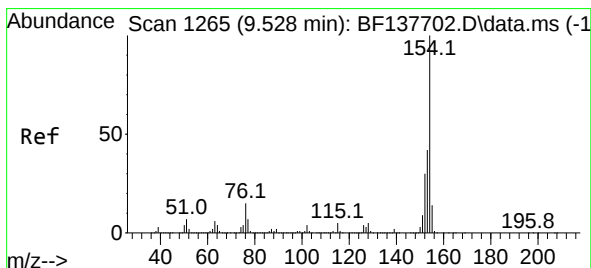
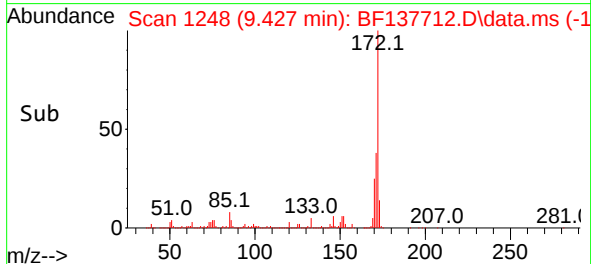
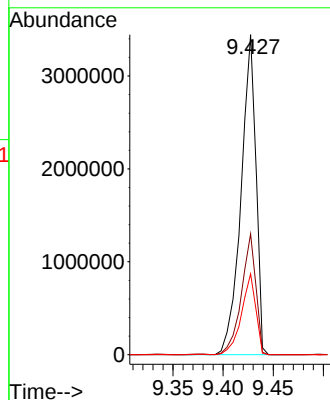
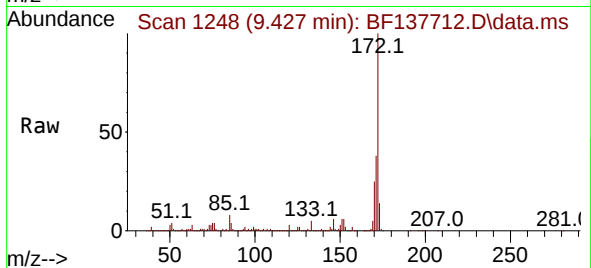
170 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#46

1,1'-Biphenyl

Concen: 46.210 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

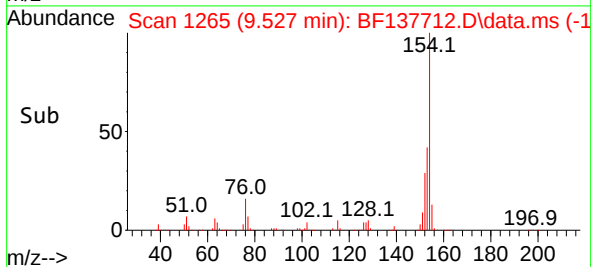
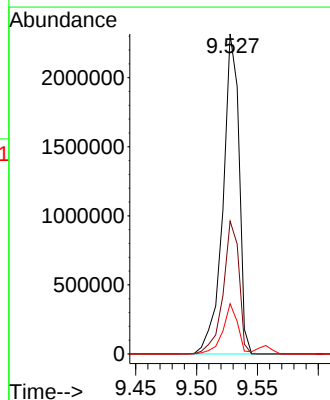
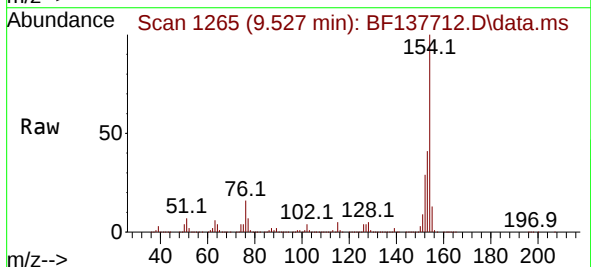
Tgt Ion:154 Resp: 2134204

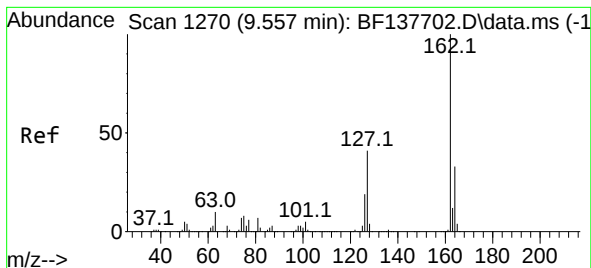
Ion Ratio Lower Upper

154 100

153 41.5 21.9 61.9

76 15.7 0.0 35.3





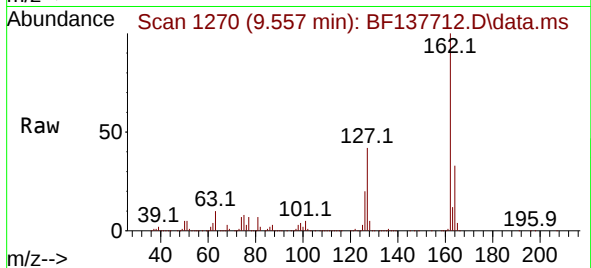
#47
2-Chloronaphthalene
Concen: 47.178 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



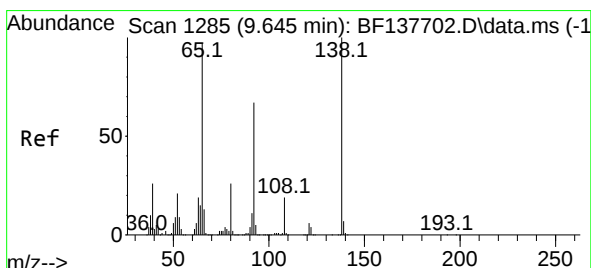
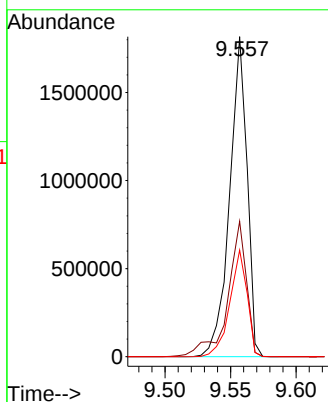
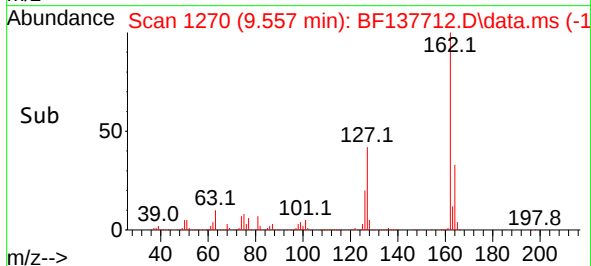
Tgt Ion:162 Resp: 167965
Ion Ratio Lower Upper
162 100
127 42.3 33.1 49.7
164 33.3 26.5 39.7

Manual Integrations

APPROVED

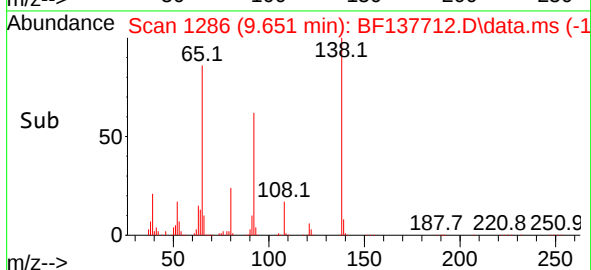
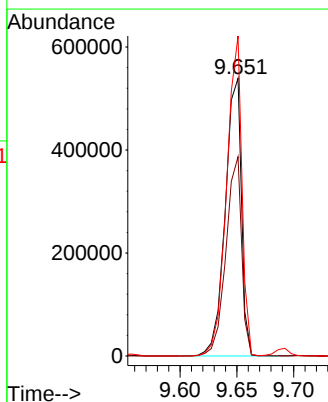
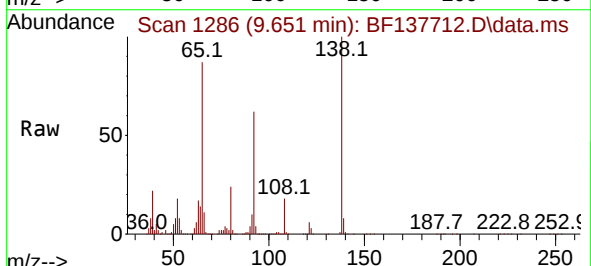
Reviewed By :Yogesh Patel 04/26/2024

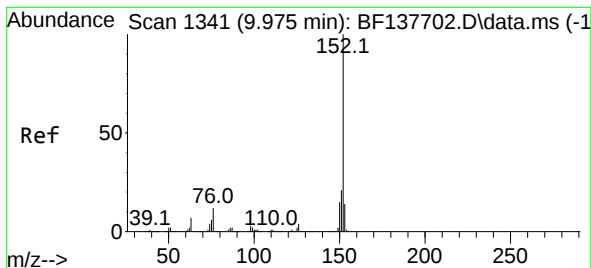
Supervised By :mohammad ahmed 04/27/2024



#48
2-Nitroaniline
Concen: 49.321 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion: 65 Resp: 535071
Ion Ratio Lower Upper
65 100
92 71.8 54.9 82.3
138 115.3 82.4 123.6





#49

Acenaphthylene

Concen: 46.518 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion:152 Resp: 2582674

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

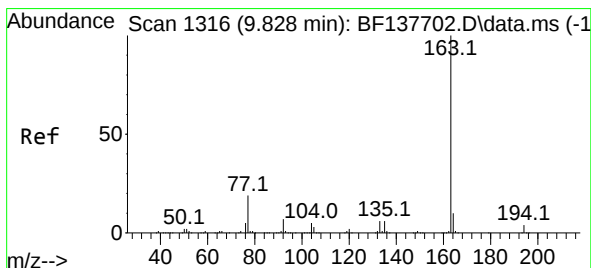
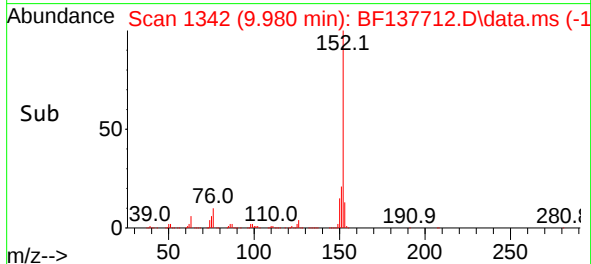
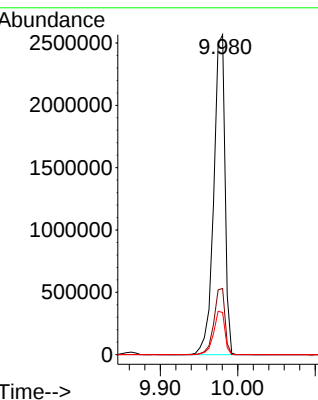
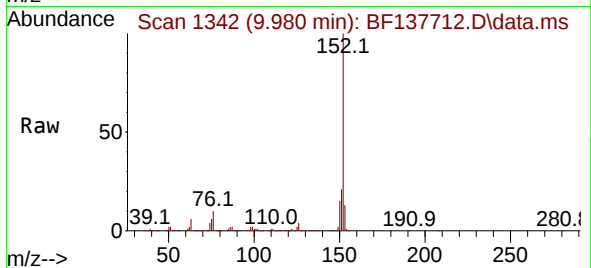
153 13.2 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#50

Dimethylphthalate

Concen: 46.825 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

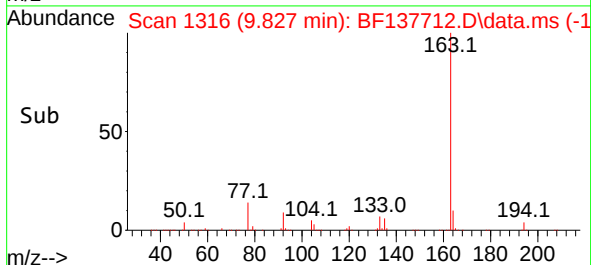
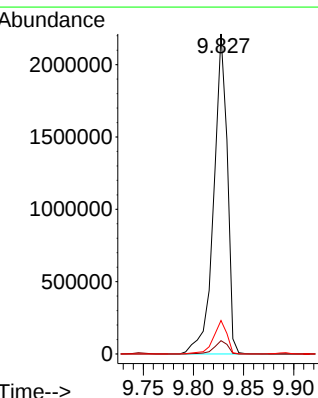
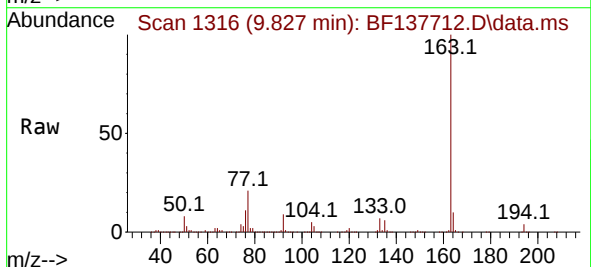
Tgt Ion:163 Resp: 2071190

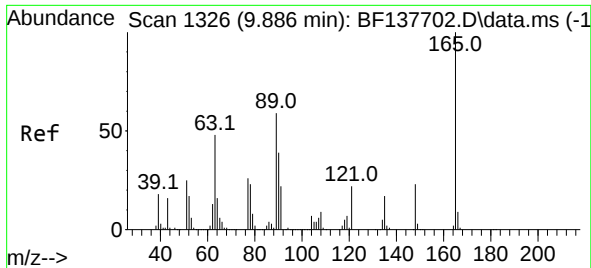
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.2 12.2





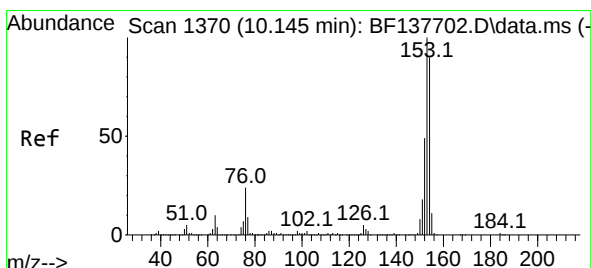
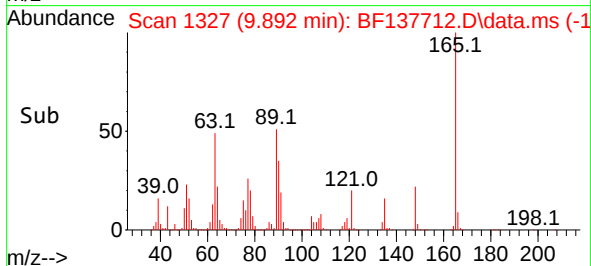
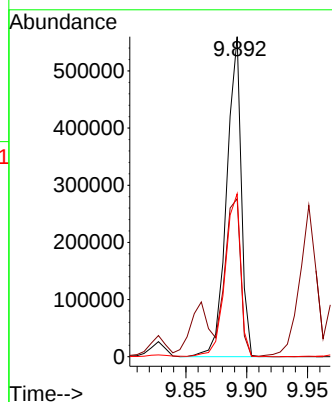
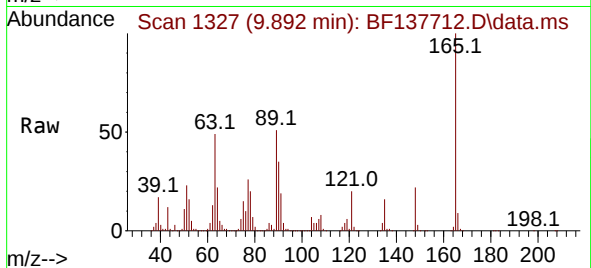
#51
2,6-Dinitrotoluene
Concen: 50.363 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :
BNA_F
ClientSampleId :
PB160276BS

Tgt Ion:165 Resp: 46936
Ion Ratio Lower Upper
165 100
63 49.4 47.7 71.5
89 50.9 47.3 70.9

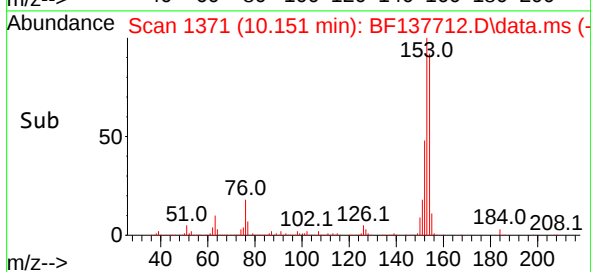
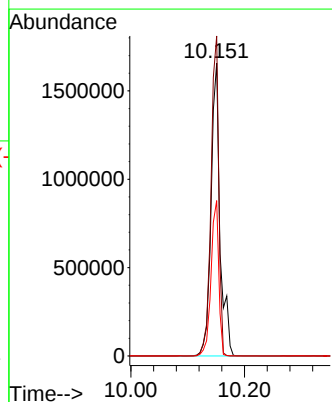
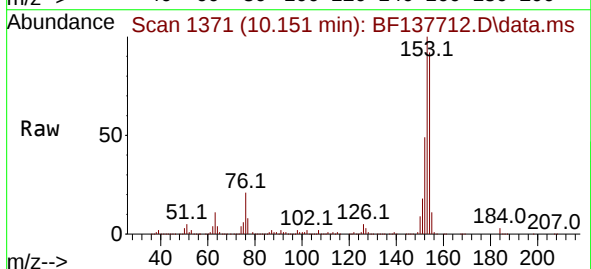
Manual Integrations
APPROVED

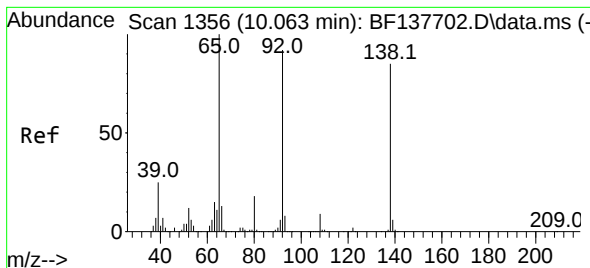
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#52
Acenaphthene
Concen: 50.572 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:154 Resp: 1818060
Ion Ratio Lower Upper
154 100
153 109.3 88.5 132.7
152 53.1 43.3 64.9





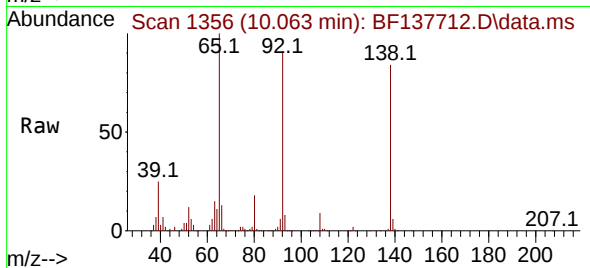
#53
3-Nitroaniline
Concen: 32.575 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



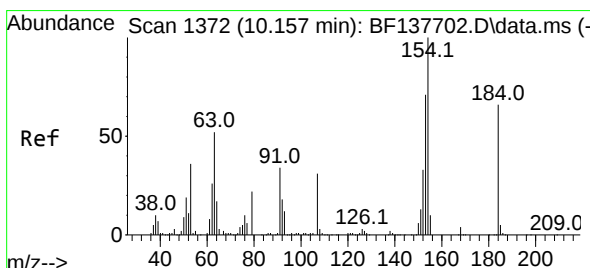
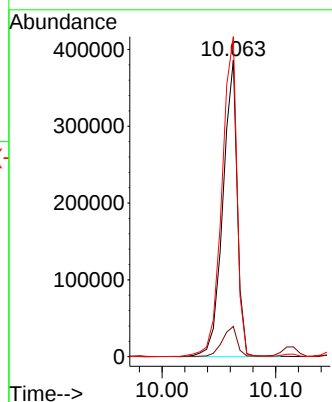
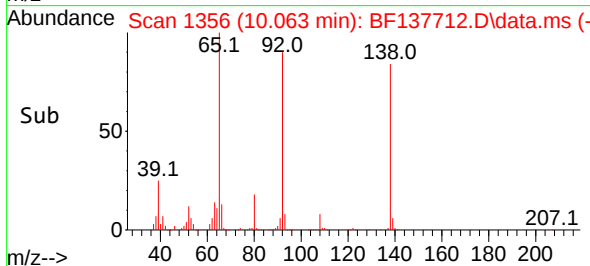
Tgt Ion:138 Resp: 341160
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 107.9 86.9 130.3

Manual Integrations

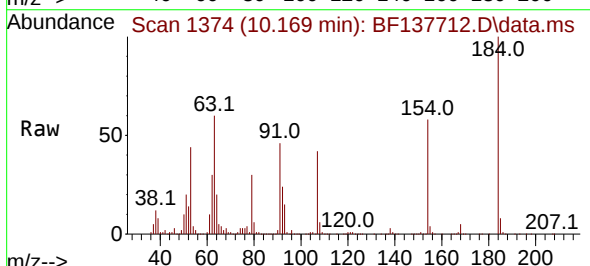
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

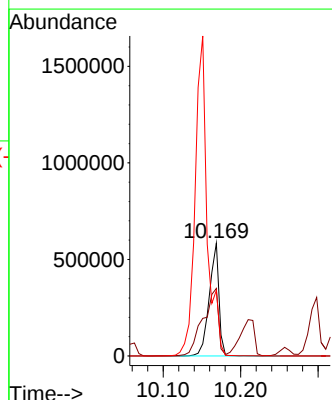
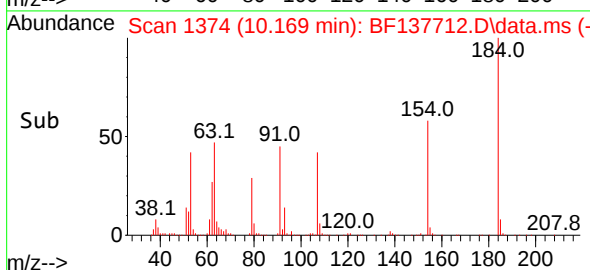
Supervised By :mohammad ahmed 04/27/2024

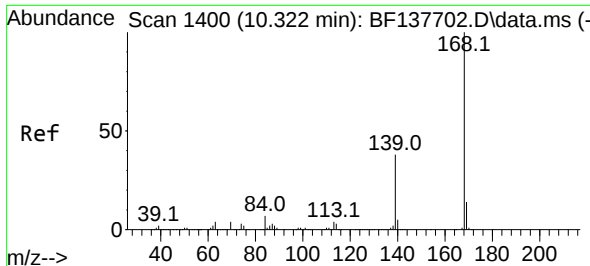


#54
2,4-Dinitrophenol
Concen: 100.715 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



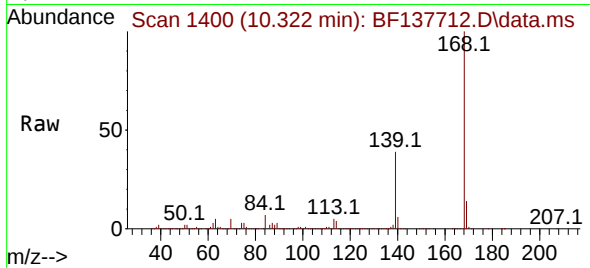
Tgt Ion:184 Resp: 506408
Ion Ratio Lower Upper
184 100
63 59.9 63.5 95.3#
154 58.2 123.0 184.6#





#55
Dibenzenofuran
Concen: 46.303 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

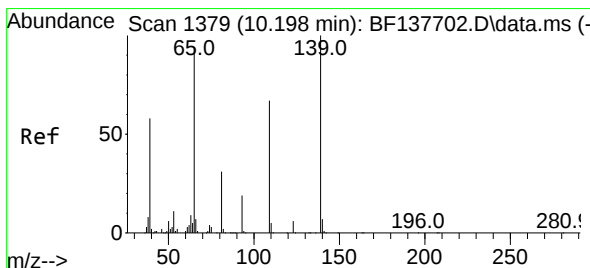
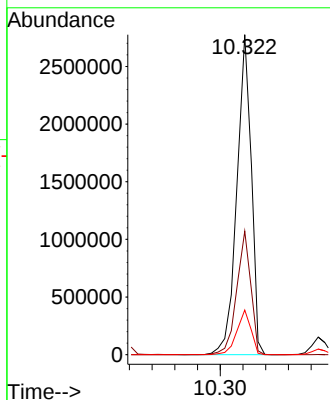
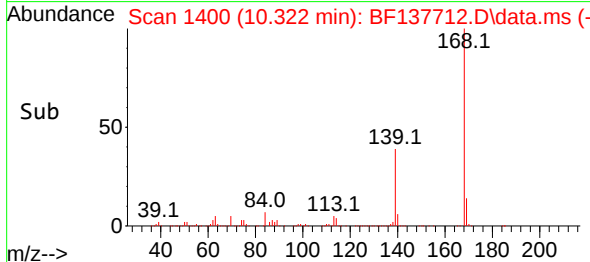
Instrument :
BNA_F
ClientSampleId :
PB160276BS



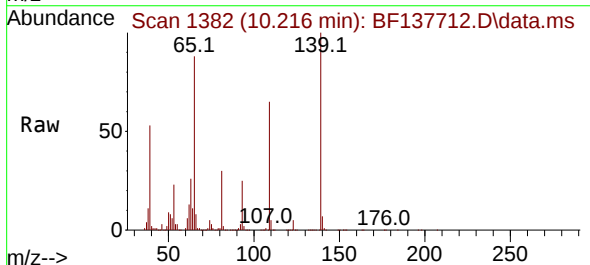
Tgt Ion:168 Resp: 2440083
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.9 10.9 16.3

Manual Integrations
APPROVED

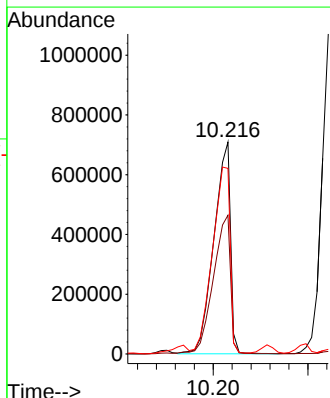
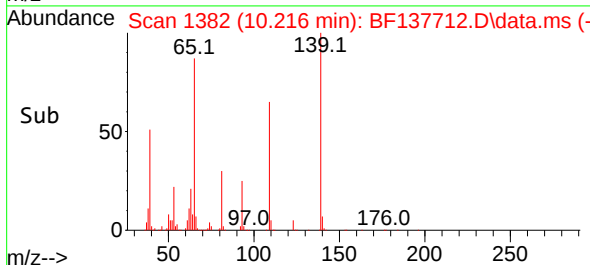
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

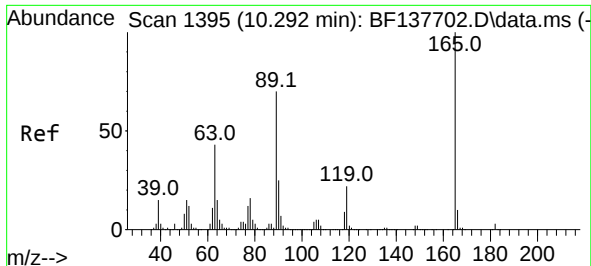


#56
4-Nitrophenol
Concen: 105.872 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:139 Resp: 862296
Ion Ratio Lower Upper
139 100
109 65.5 46.9 86.9
65 87.6 75.8 115.8





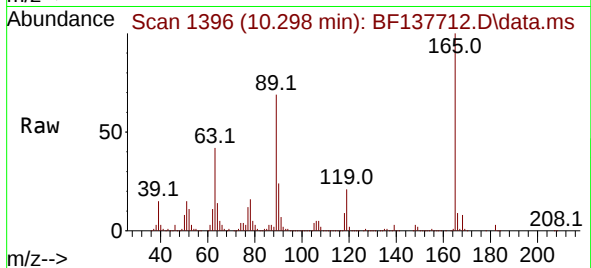
#57
2,4-Dinitrotoluene
Concen: 53.018 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

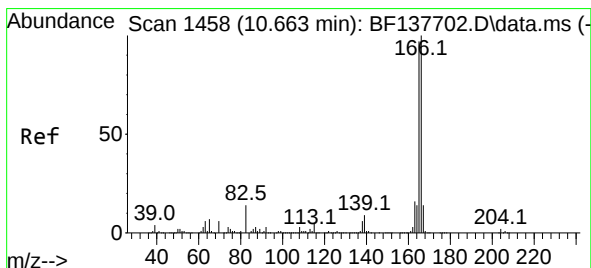
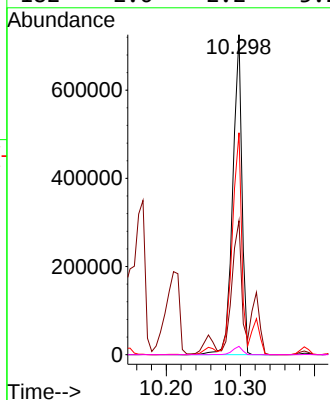
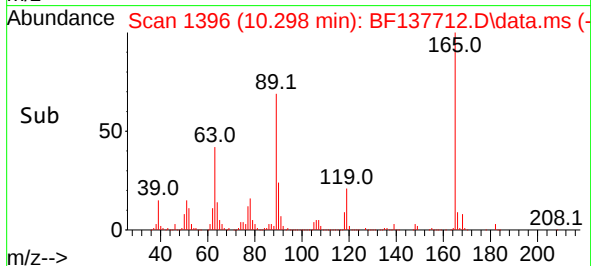


Tgt Ion:165 Resp: 622914
Ion Ratio Lower Upper
165 100
63 41.8 34.1 51.1
89 69.3 56.4 84.6
182 2.6 2.2 3.2

Manual Integrations

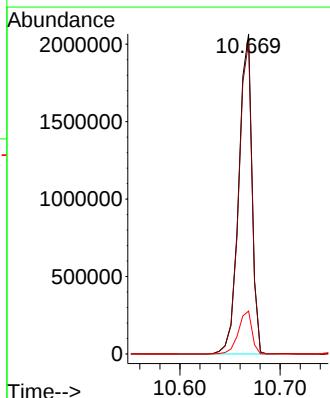
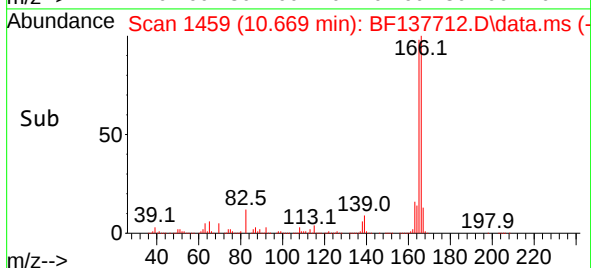
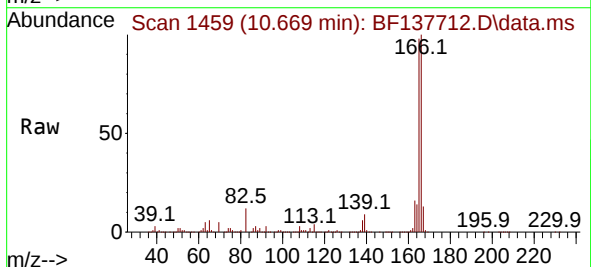
APPROVED

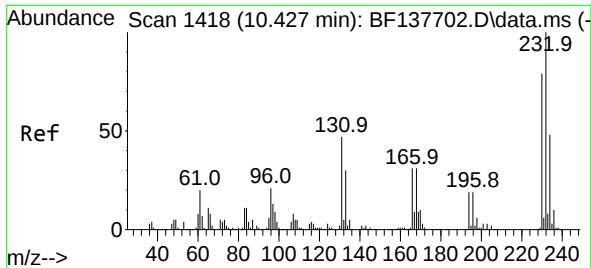
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 46.209 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

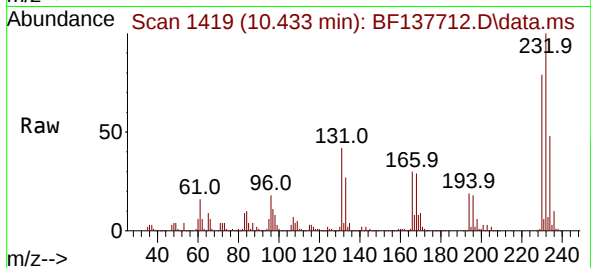
Tgt Ion:166 Resp: 1902730
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.955 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

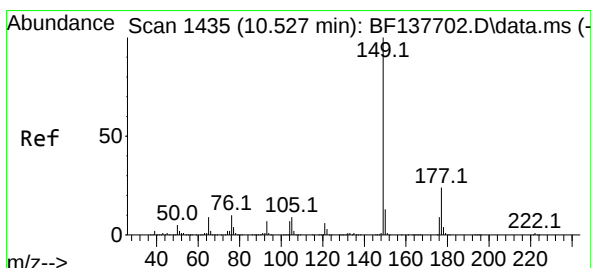
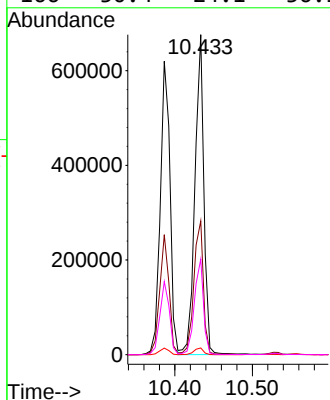
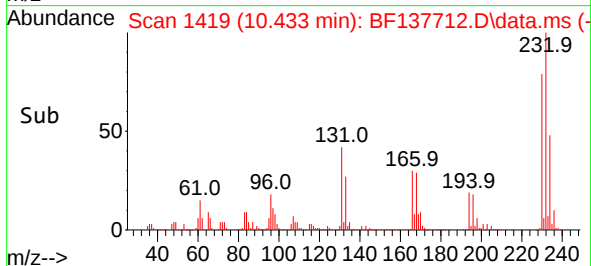
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:232 Resp: 541280
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.2 1.8 2.6
166 30.4 24.1 36.1

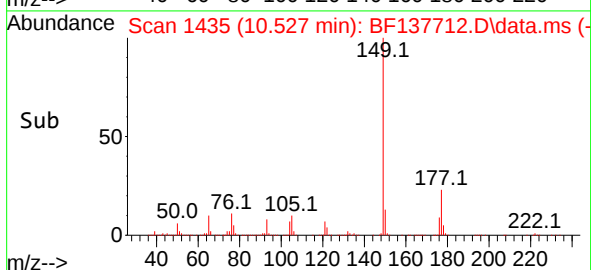
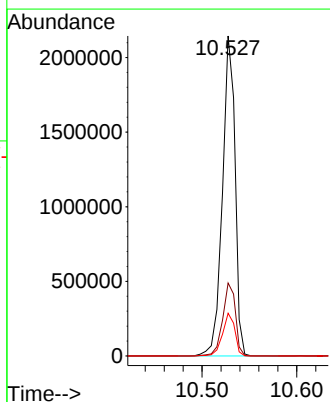
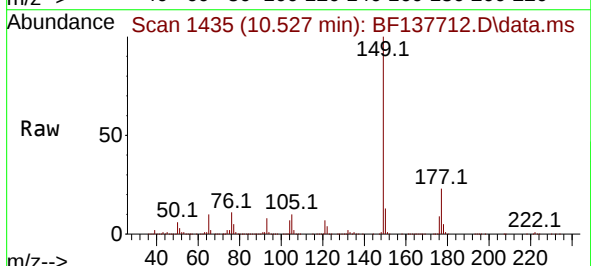
Manual Integrations
APPROVED

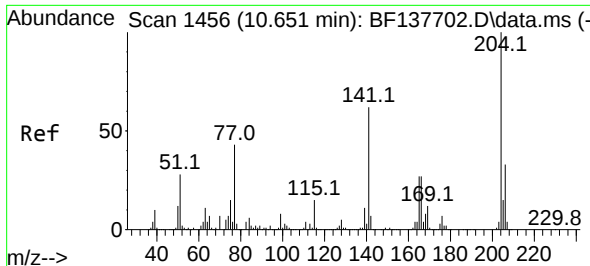
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 46.956 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

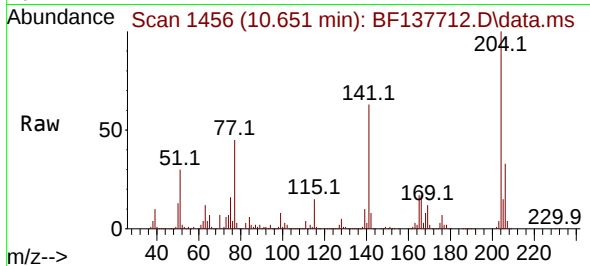
Tgt Ion:149 Resp: 1997701
Ion Ratio Lower Upper
149 100
177 22.8 19.0 28.4
150 13.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.501 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

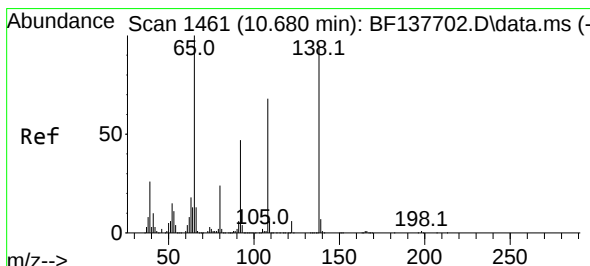
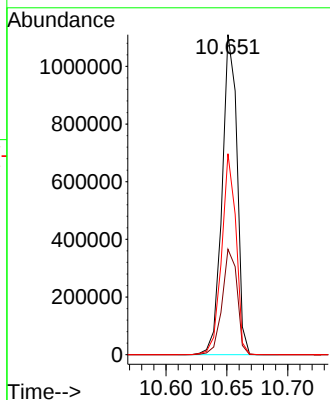
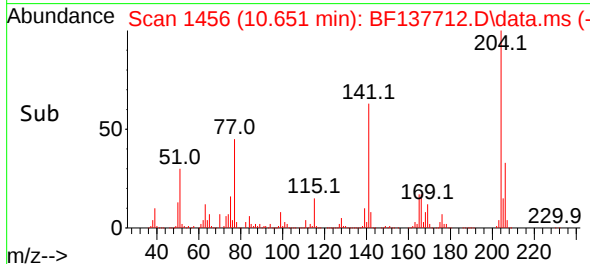
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:204 Resp: 946090
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 62.8 49.4 74.2

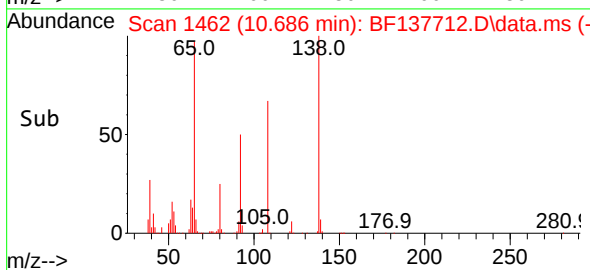
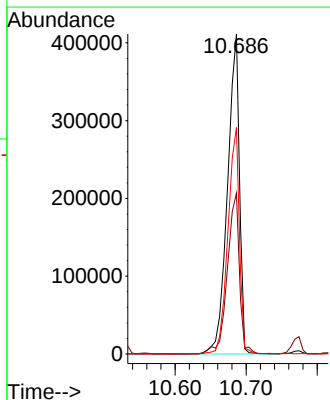
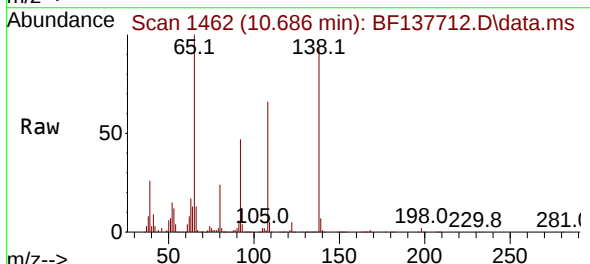
Manual Integrations
APPROVED

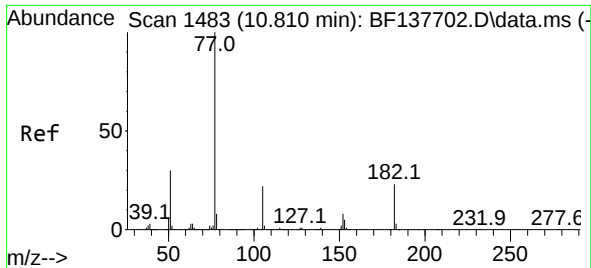
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#62
4-Nitroaniline
Concen: 48.251 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:138 Resp: 481337
Ion Ratio Lower Upper
138 100
92 50.3 29.8 69.8
108 70.8 51.1 91.1





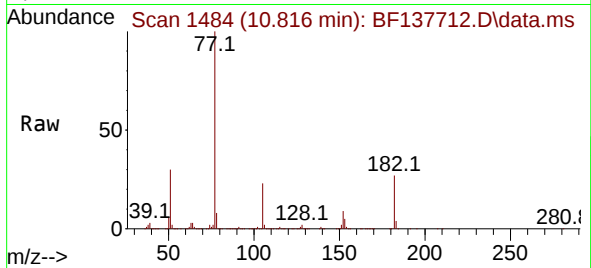
#63
Azobenzene
Concen: 45.576 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



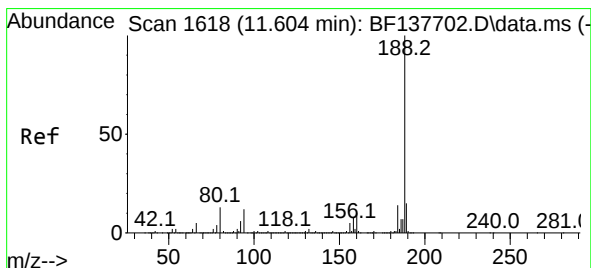
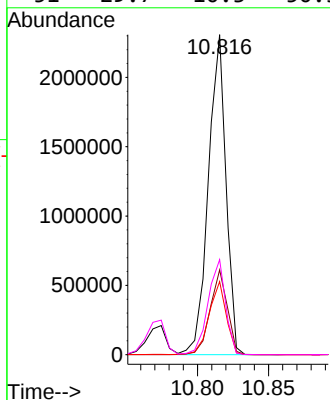
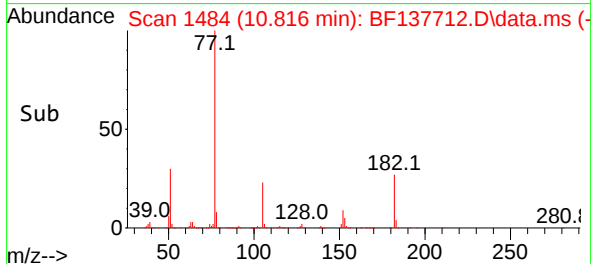
Tgt Ion: 77 Resp: 1986910
Ion Ratio Lower Upper
77 100
182 26.5 3.1 43.1
105 22.8 1.6 41.6
51 29.7 10.3 50.3

Manual Integrations

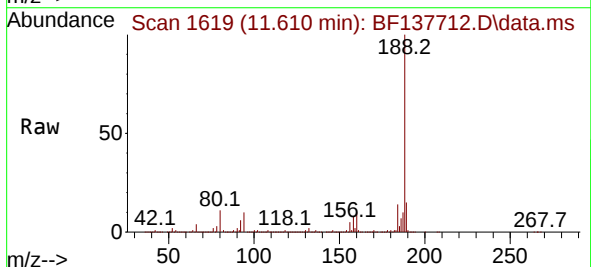
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

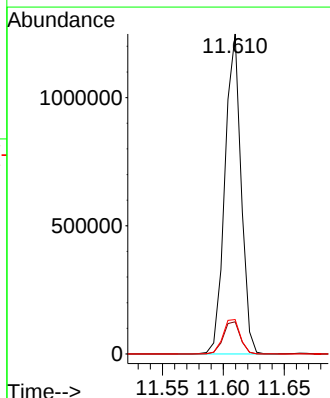
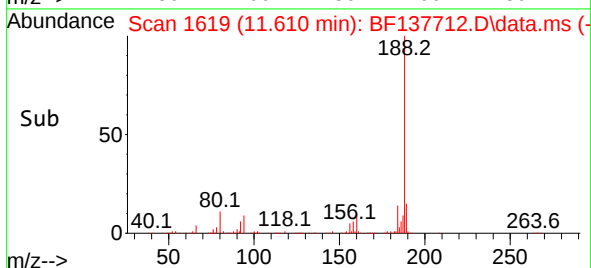
Supervised By :mohammad ahmed 04/27/2024

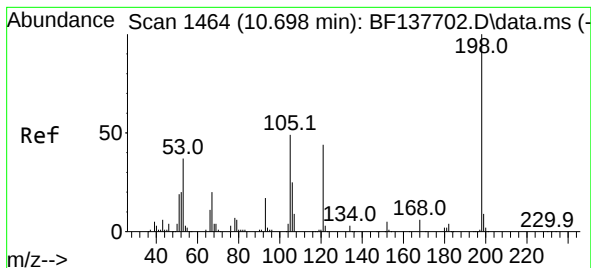


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



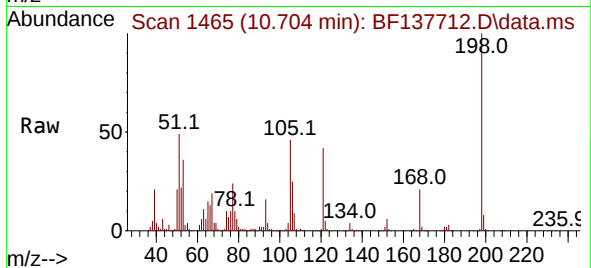
Tgt Ion:188 Resp: 1153399
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.8 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 50.644 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

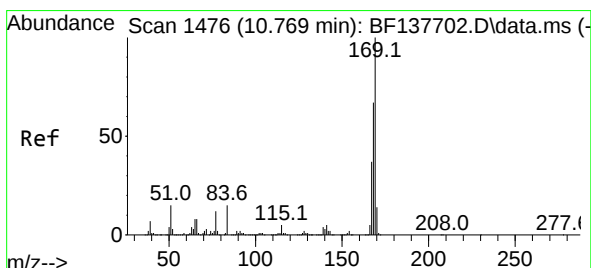
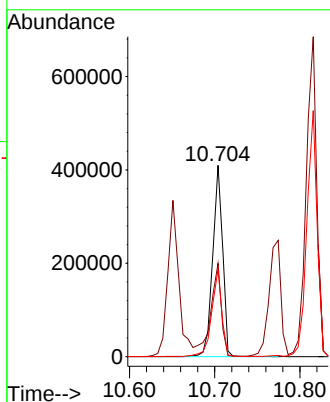
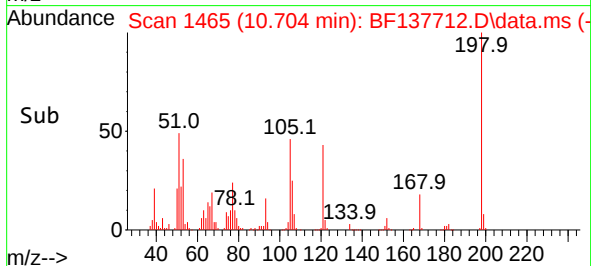
Instrument :
BNA_F
ClientSampleId :
PB160276BS



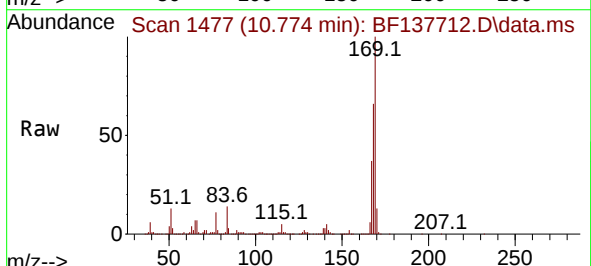
Tgt Ion:198 Resp: 334910
Ion Ratio Lower Upper
198 100
51 48.8 33.5 73.5
105 45.6 29.3 69.3

Manual Integrations
APPROVED

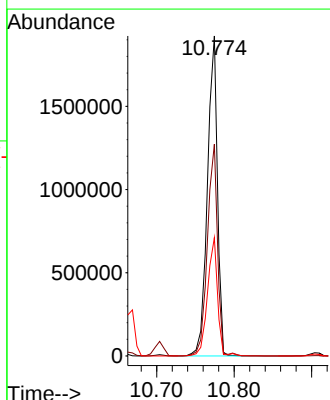
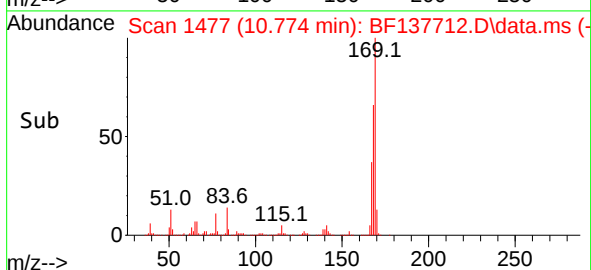
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

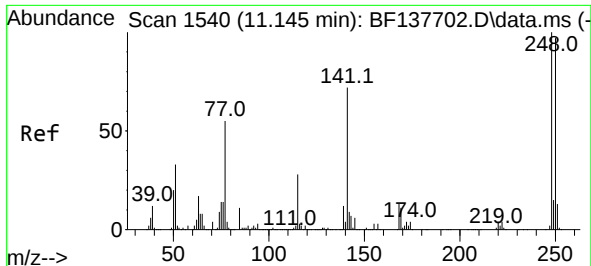


#66
n-Nitrosodiphenylamine
Concen: 44.159 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:169 Resp: 1725050
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 37.0 29.6 44.4





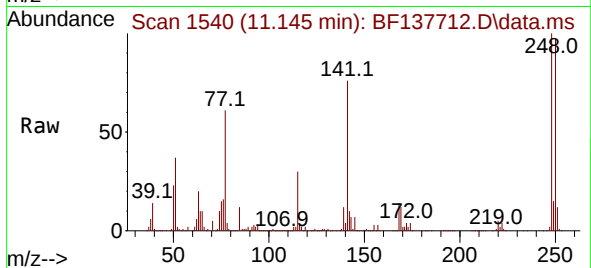
#67
4-Bromophenyl-phenylether
Concen: 44.533 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

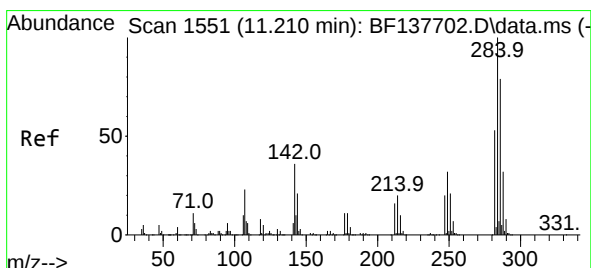
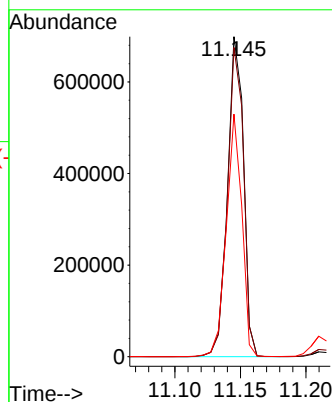
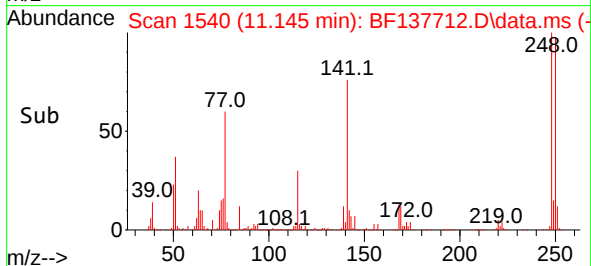


Tgt Ion:248 Resp: 595180
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 75.8 57.9 86.9

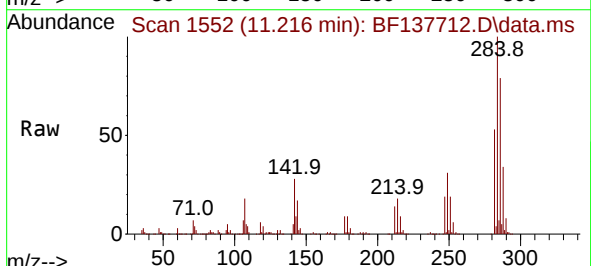
Manual Integrations

APPROVED

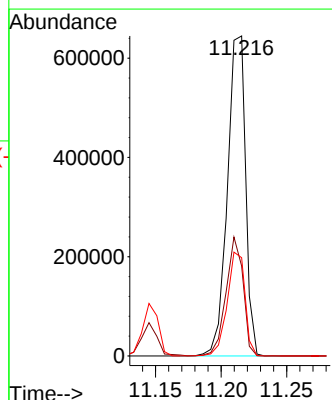
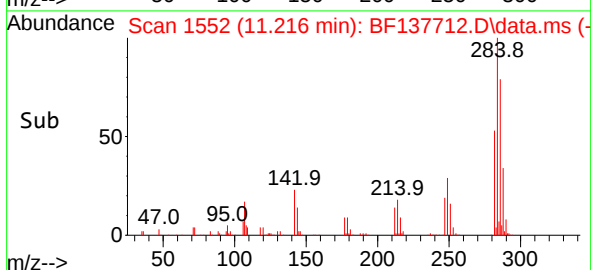
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

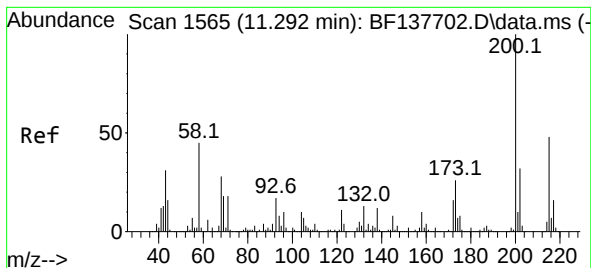


#68
Hexachlorobenzene
Concen: 47.846 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:284 Resp: 622970
Ion Ratio Lower Upper
284 100
142 28.1 28.5 42.7#
249 30.7 25.6 38.4





#69

Atrazine

Concen: 55.524 ng

RT: 11.298 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion:200 Resp: 599589

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

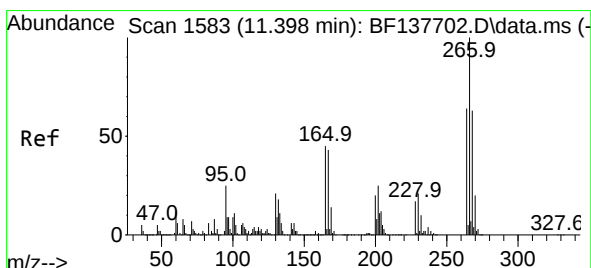
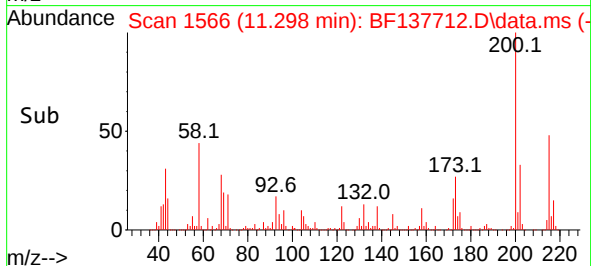
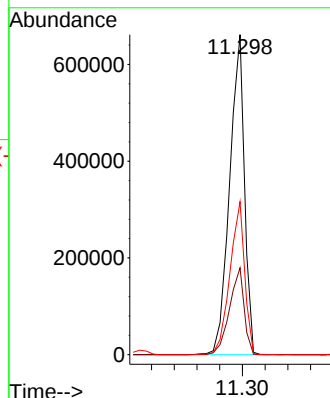
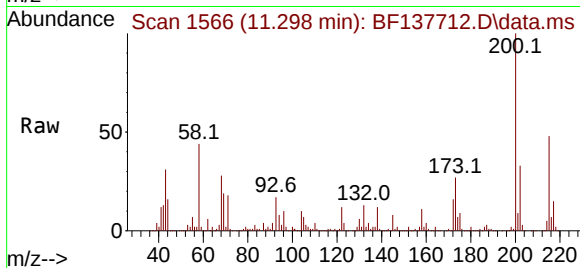
215 47.8 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 80.886 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

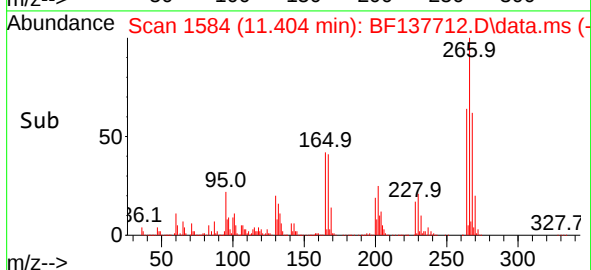
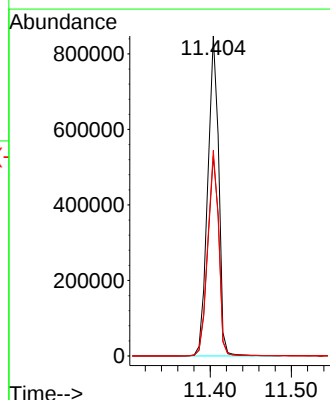
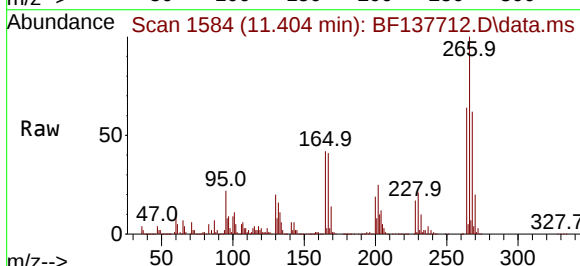
Tgt Ion:266 Resp: 792227

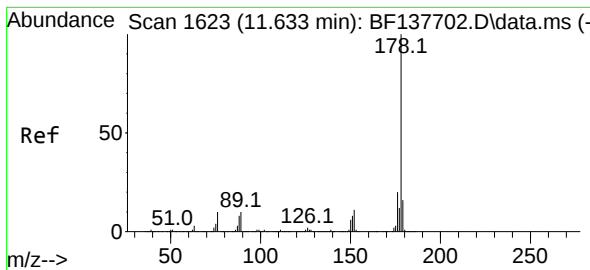
Ion Ratio Lower Upper

266 100

268 62.4 50.4 75.6

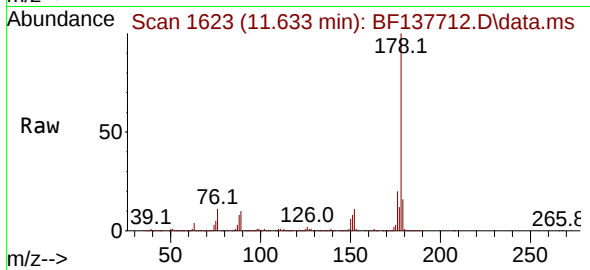
264 64.2 51.4 77.0





#71
Phenanthrene
Concen: 44.284 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

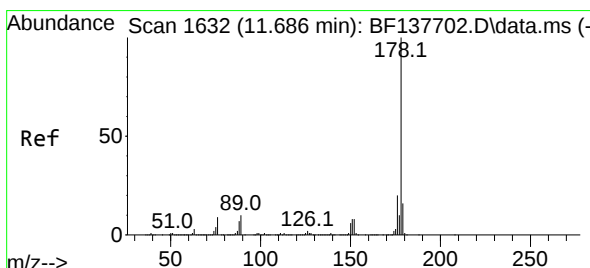
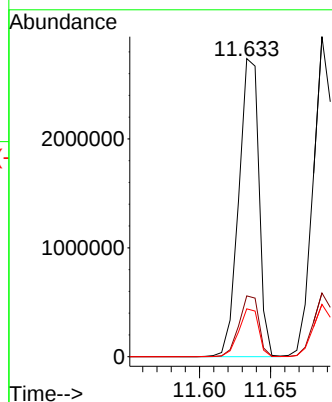
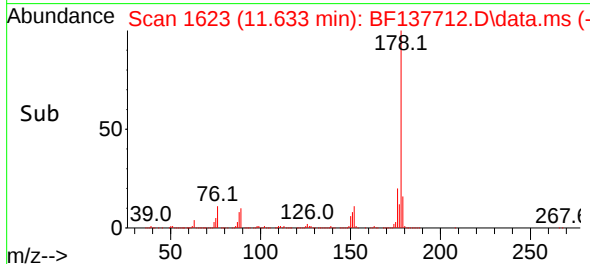
Instrument :
BNA_F
ClientSampleId :
PB160276BS



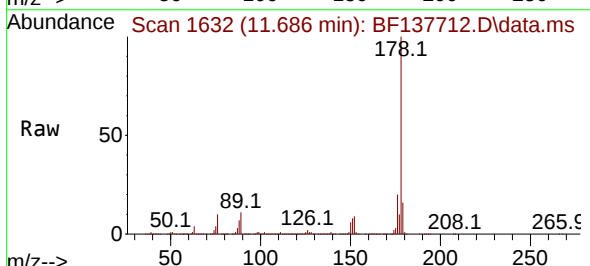
Tgt Ion:178 Resp: 270376
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.1 12.8 19.2

Manual Integrations
APPROVED

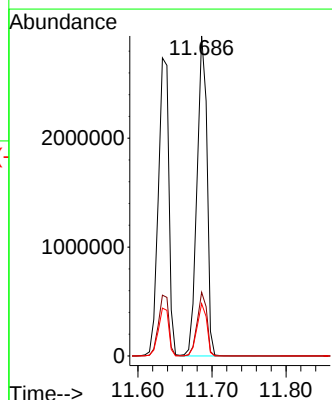
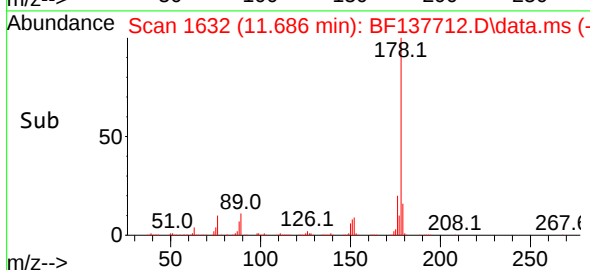
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

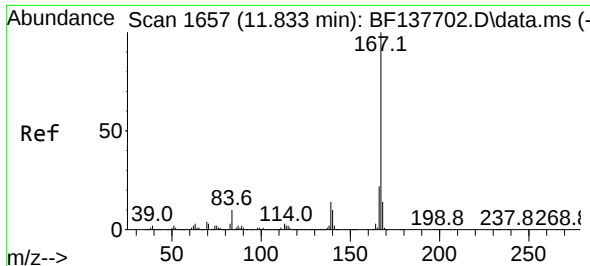


#72
Anthracene
Concen: 43.816 ng
RT: 11.686 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



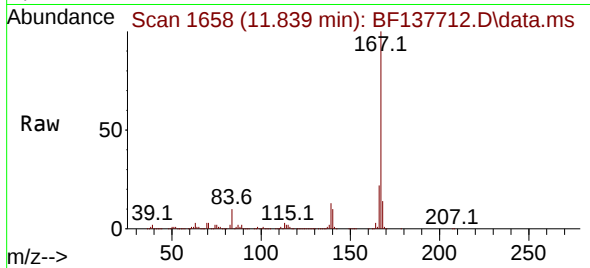
Tgt Ion:178 Resp: 2739412
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.4 13.0 19.6





#73
 Carbazole
 Concen: 45.139 ng
 RT: 11.839 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137712.D
 Acq: 24 Apr 2024 11:35

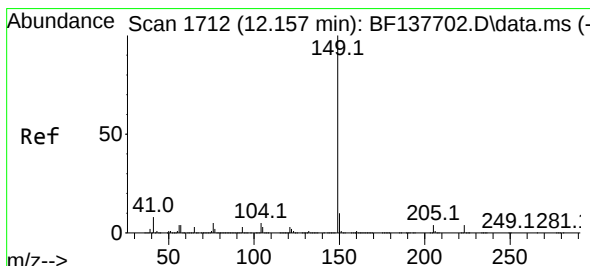
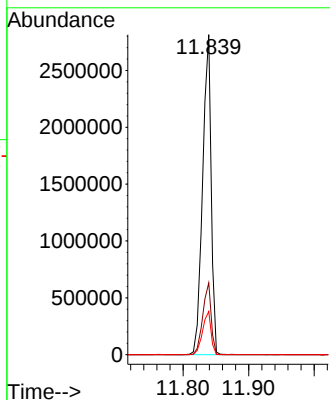
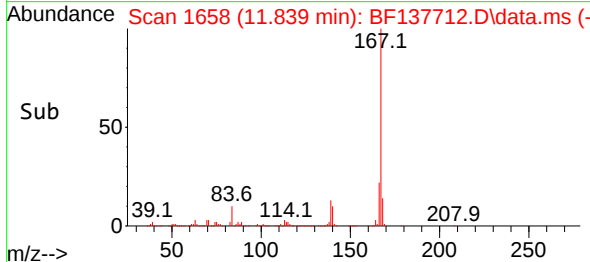
Instrument :
 BNA_F
 ClientSampleId :
 PB160276BS



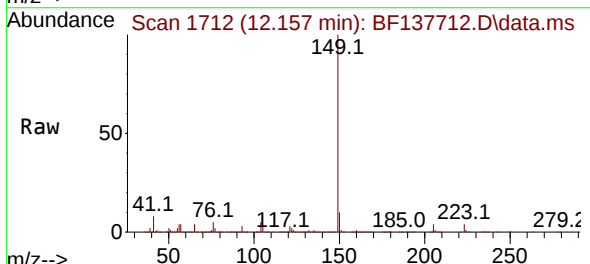
Tgt Ion:167 Resp: 2557562
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

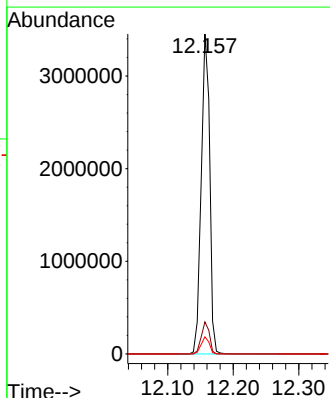
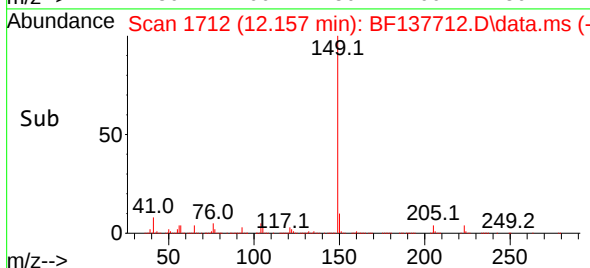
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

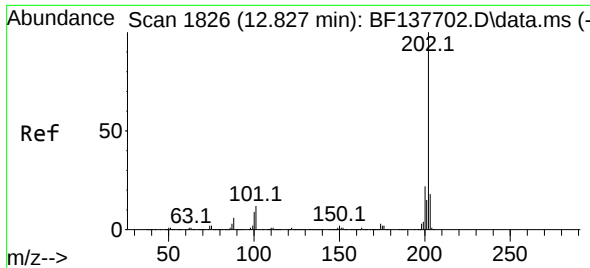


#74
 Di-n-butylphthalate
 Concen: 45.046 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BF137712.D
 Acq: 24 Apr 2024 11:35



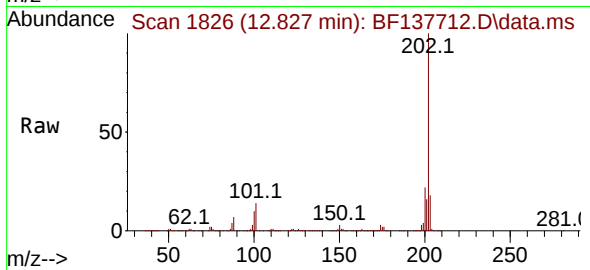
Tgt Ion:149 Resp: 3111333
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 44.239 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

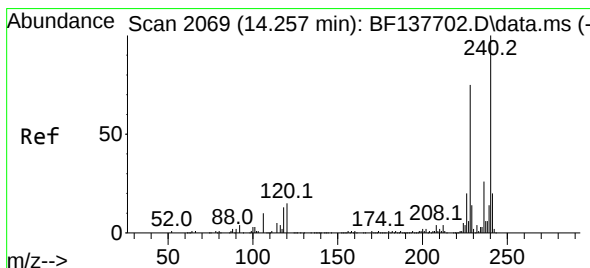
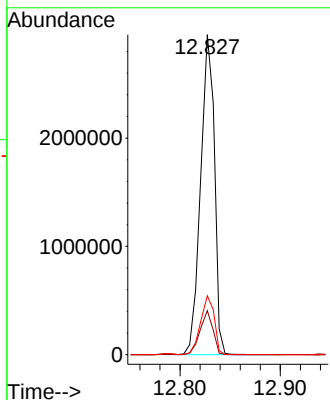
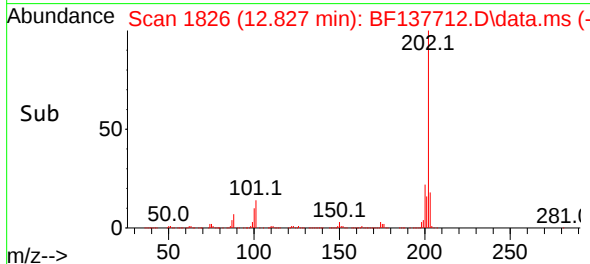
Instrument :
BNA_F
ClientSampleId :
PB160276BS



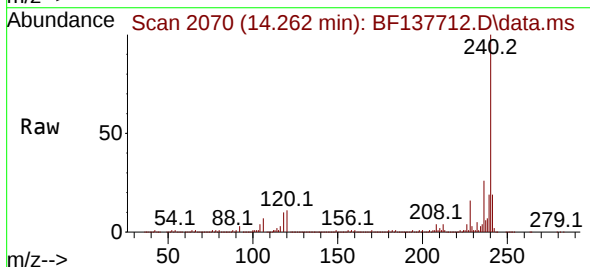
Tgt Ion:202 Resp: 2839100
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.2
203 18.4 0.0 38.1

Manual Integrations
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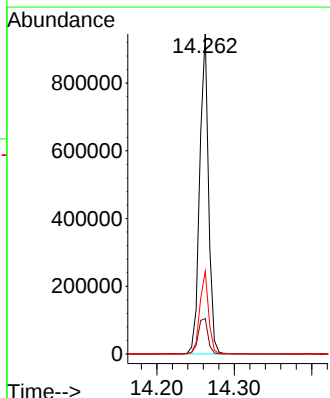
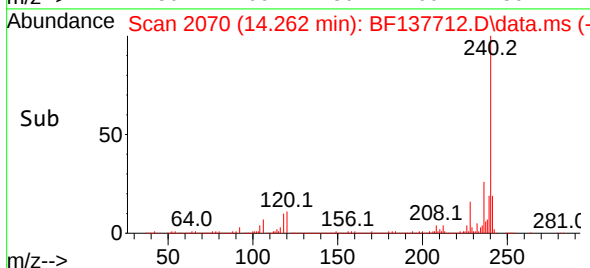
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

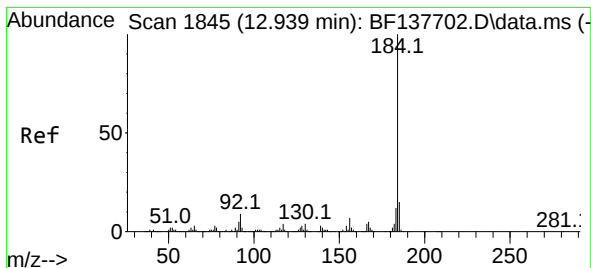


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.262 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:240 Resp: 746197
Ion Ratio Lower Upper
240 100
120 11.1 11.9 17.9#
236 25.8 20.8 31.2





#77

Benzidine

Concen: 40.052 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

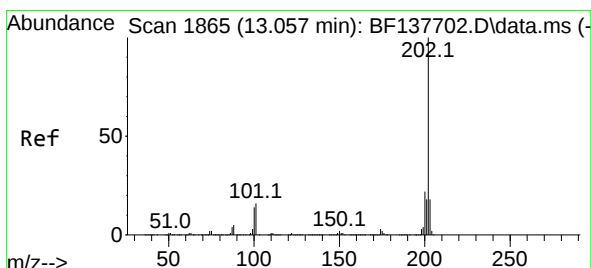
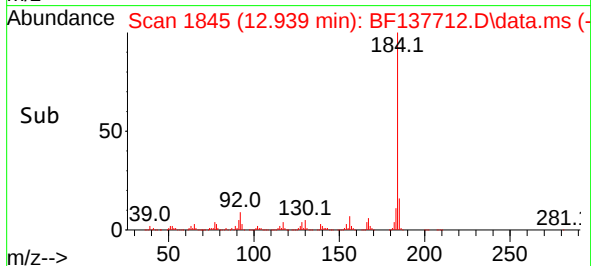
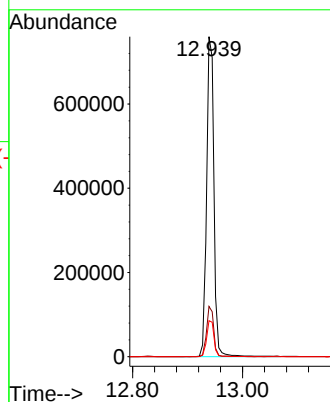
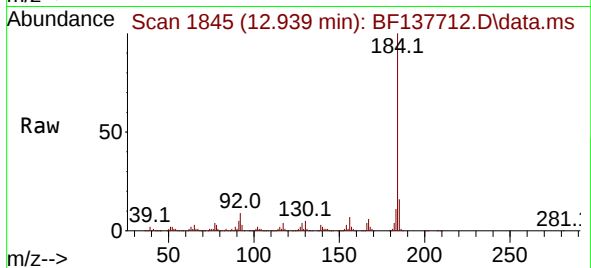
PB160276BS

Tgt Ion:184 Resp: 698050
 Ion Ratio Lower Upper
 184 100
 185 15.7 12.2 18.4
 183 11.2 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#78

Pyrene

Concen: 46.307 ng

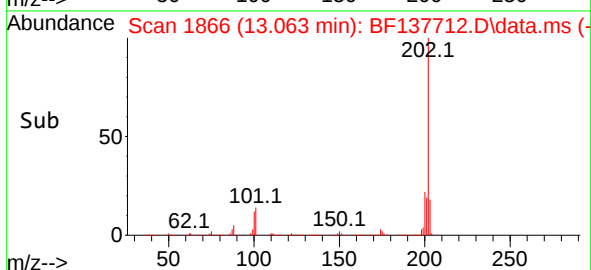
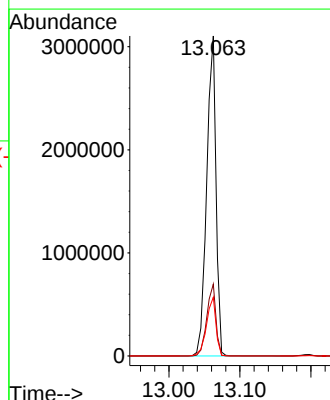
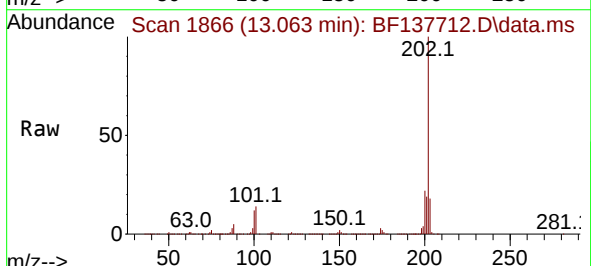
RT: 13.063 min Scan# 1866

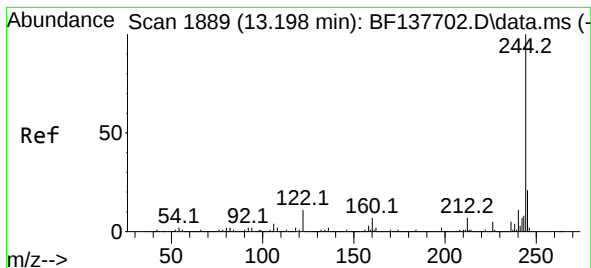
Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Tgt Ion:202 Resp: 2836158
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.8 26.6
 203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 89.516 ng

RT: 13.198 min Scan# 1889

Delta R.T. -0.000 min

Lab File: BF137712.D

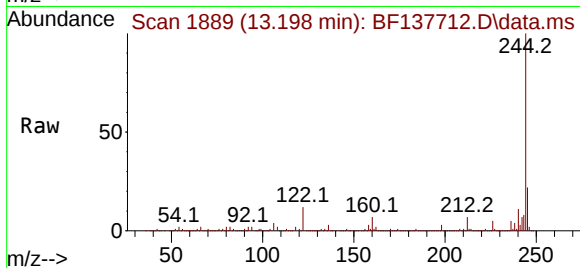
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



Tgt Ion:244 Resp: 4149989

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

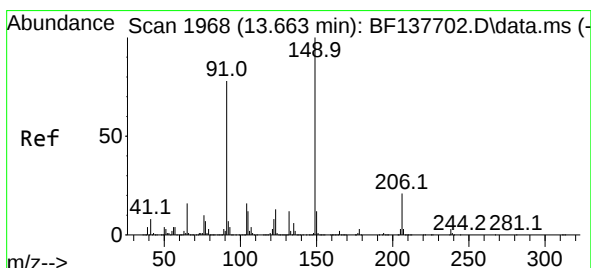
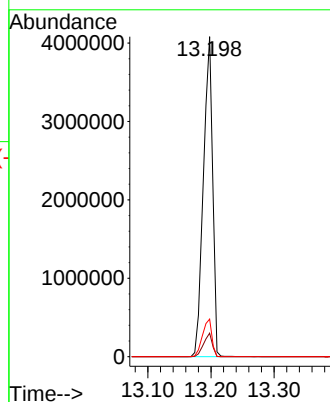
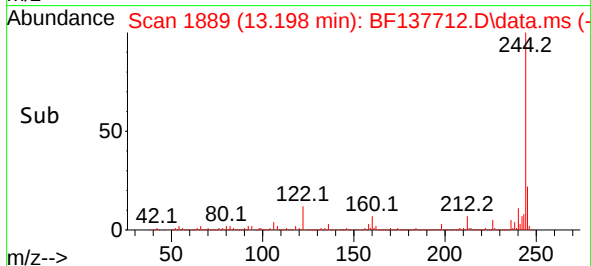
122 11.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 51.073 ng

RT: 13.668 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

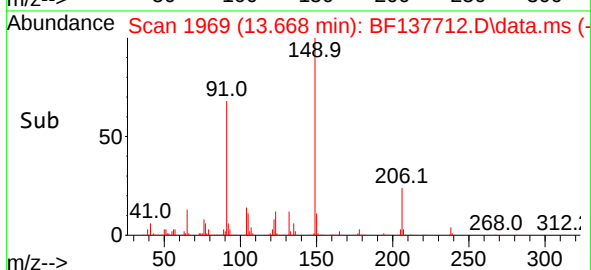
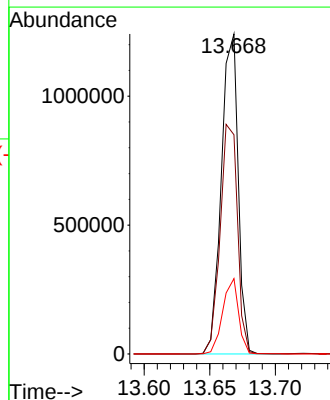
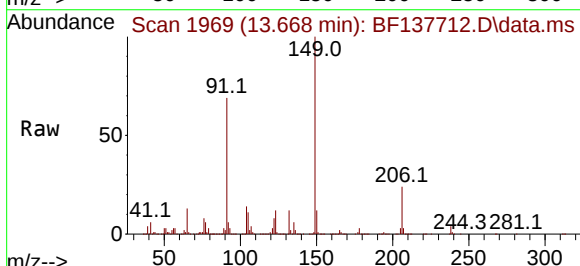
Tgt Ion:149 Resp: 1109286

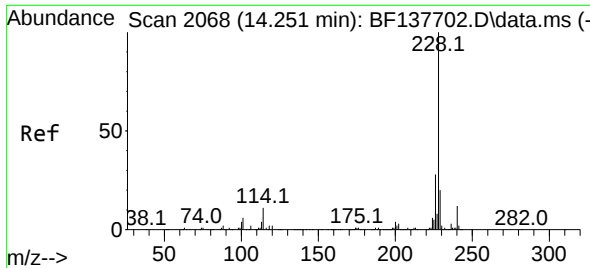
Ion Ratio Lower Upper

149 100

91 68.5 62.6 93.8

206 23.5 16.5 24.7





#81
Benzo(a)anthracene
Concen: 45.557 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

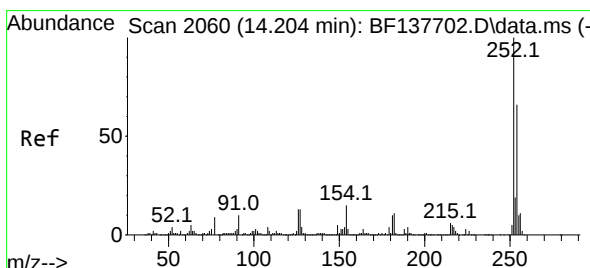
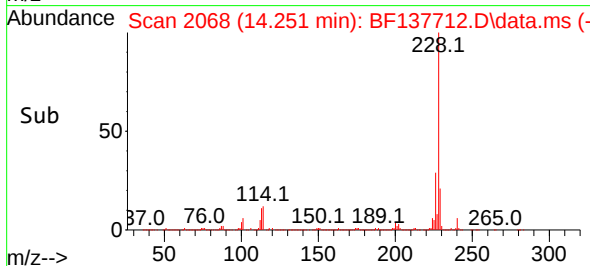
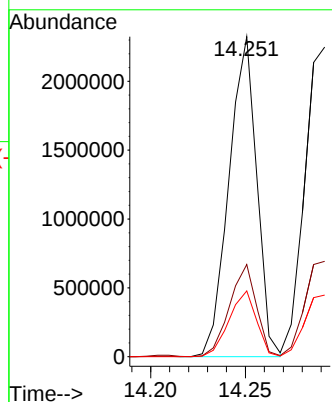
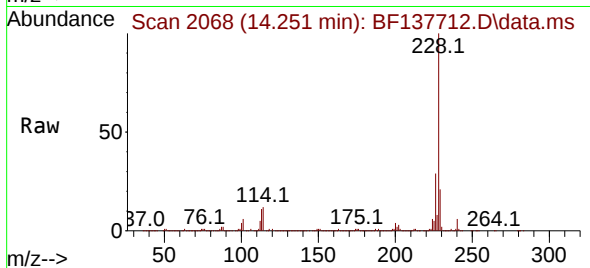
PB160276BS

Tgt Ion:228 Resp: 2371039
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.6 16.0 24.0

Manual Integrations

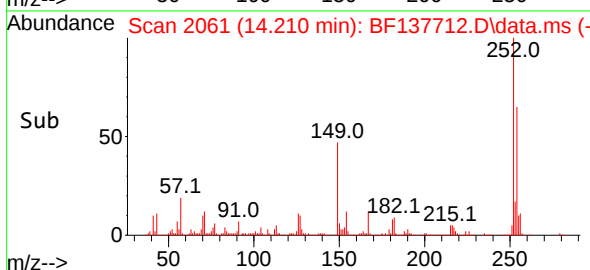
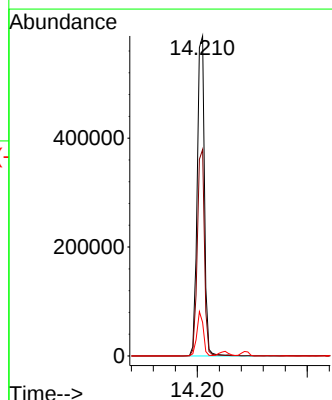
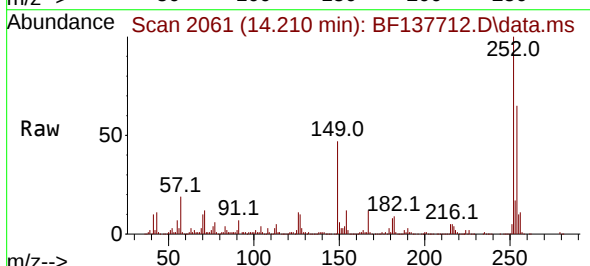
APPROVED

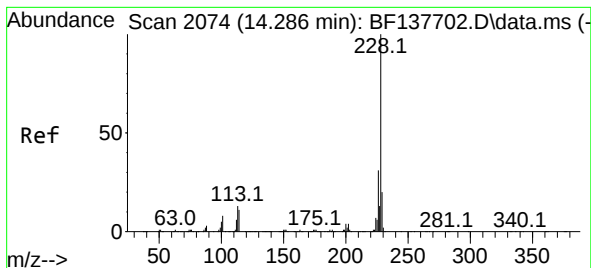
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.166 ng
RT: 14.210 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:252 Resp: 534070
Ion Ratio Lower Upper
252 100
254 64.5 52.6 79.0
126 10.5 10.8 16.2#





#83

Chrysene

Concen: 44.825 ng

RT: 14.292 min Scan# 2075

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

Tgt Ion:228 Resp: 2179834

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

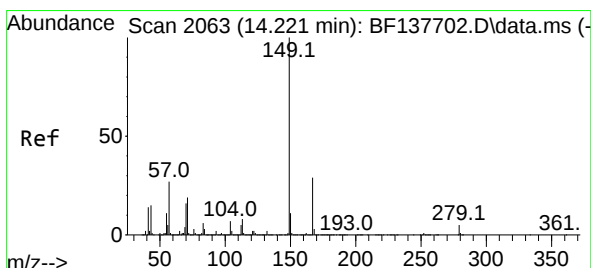
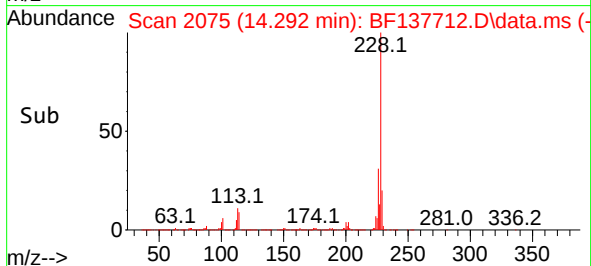
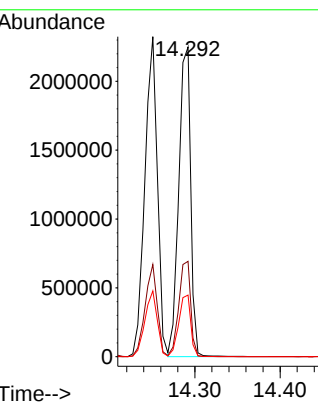
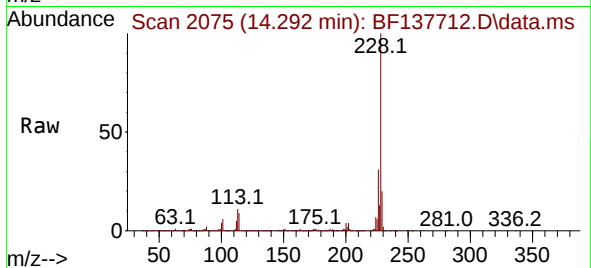
229 19.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.256 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

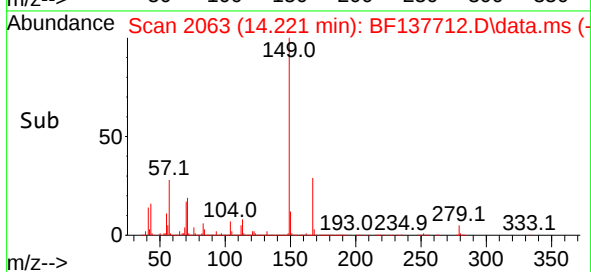
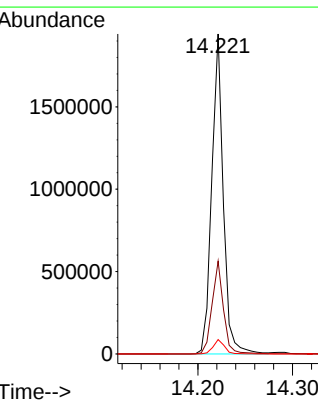
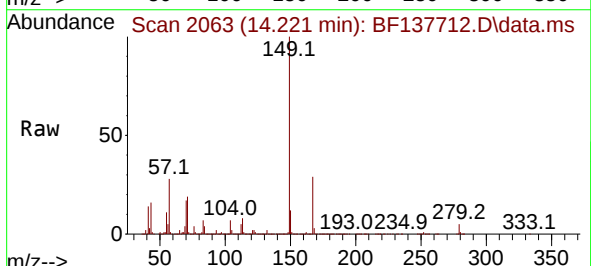
Tgt Ion:149 Resp: 1648446

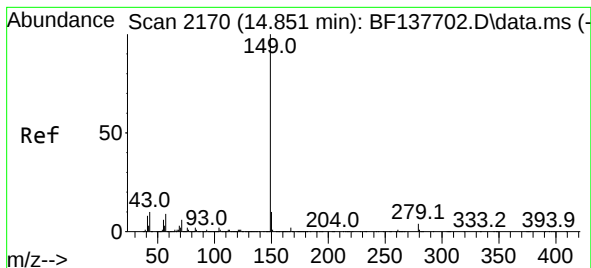
Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.0

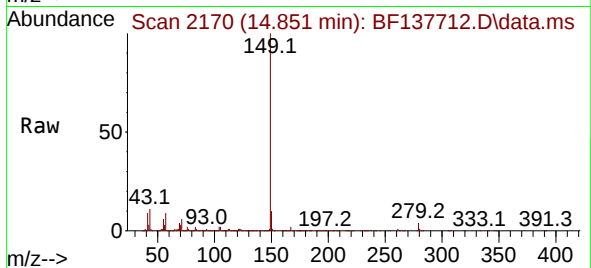
279 4.5 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 48.622 ng
RT: 14.851 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

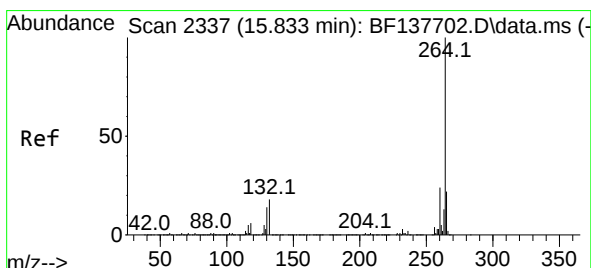
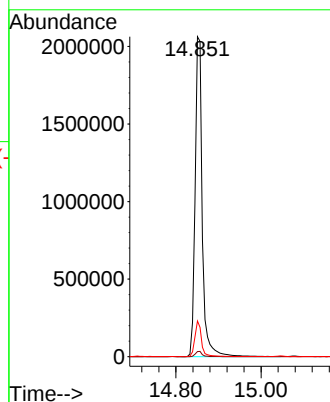
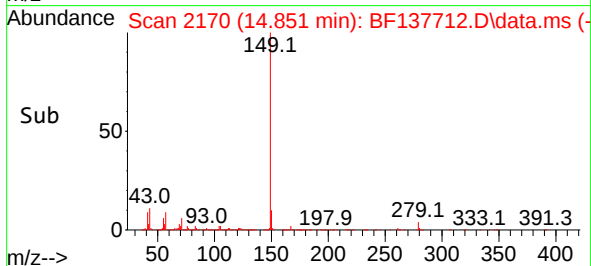
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:149 Resp: 239567
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.4 8.8 13.2

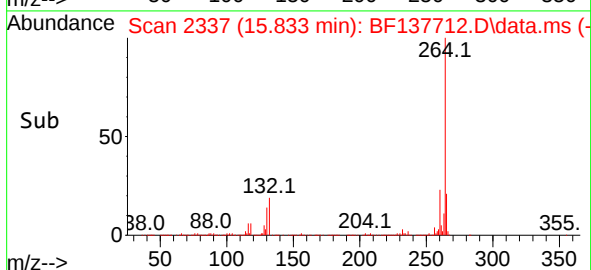
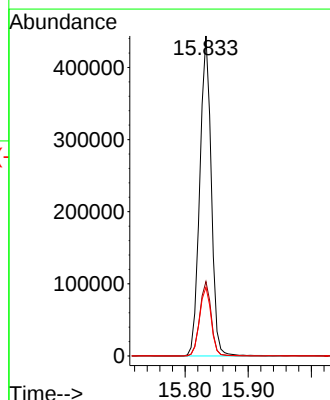
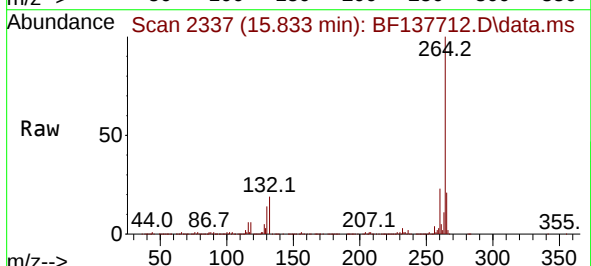
Manual Integrations
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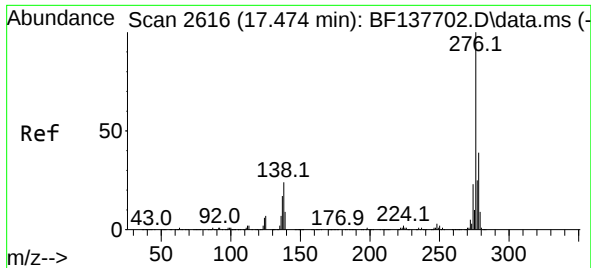
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 2337
Delta R.T. -0.000 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:264 Resp: 557841
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.5 17.5 26.3





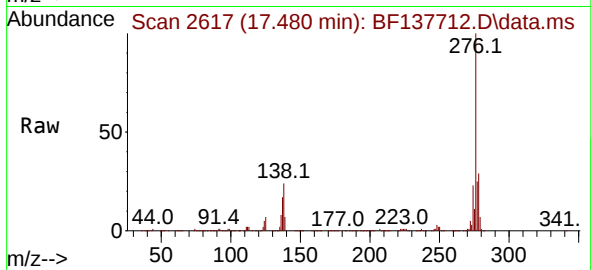
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.822 ng
RT: 17.480 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS

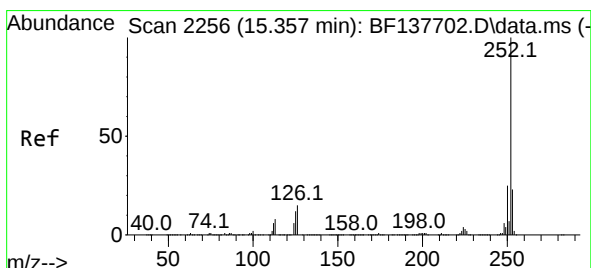
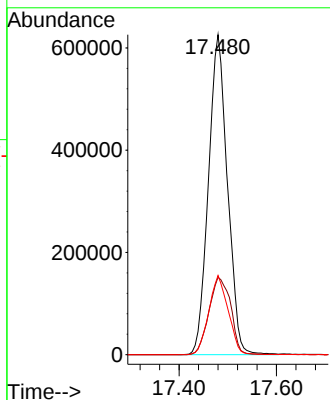
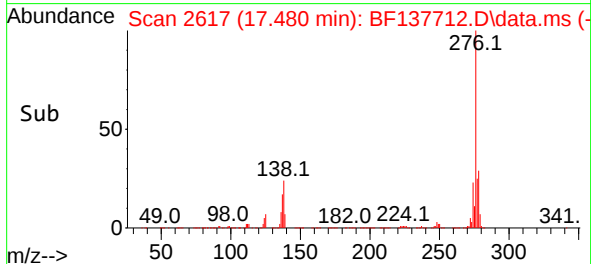


Tgt Ion:276 Resp: 1695698
Ion Ratio Lower Upper
276 100
138 27.7 22.3 33.5
277 25.2 20.2 30.2

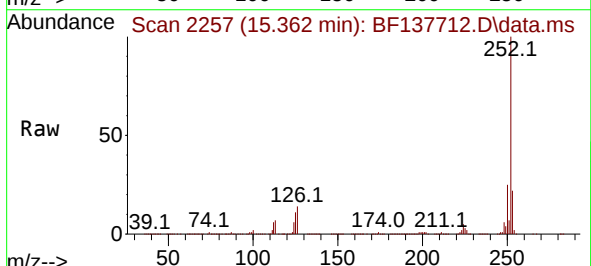
Manual Integrations

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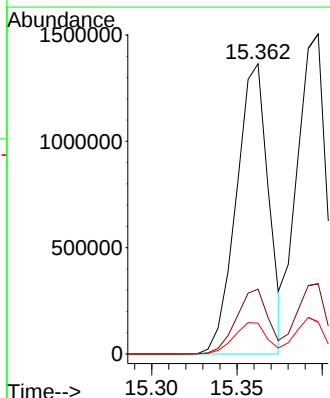
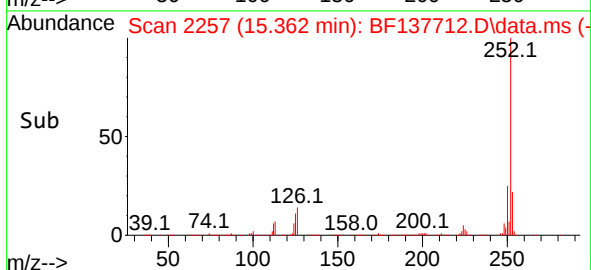
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

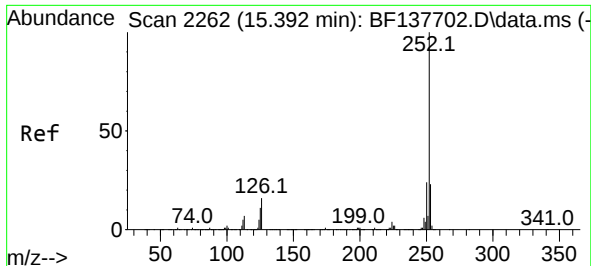


#88
Benzo(b)fluoranthene
Concen: 50.183 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35



Tgt Ion:252 Resp: 1791387
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.6 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 51.295 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137712.D

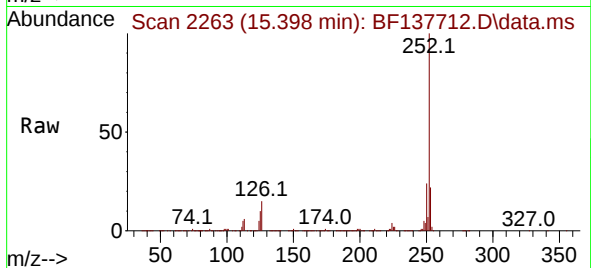
Acq: 24 Apr 2024 11:35

Instrument :

BNA_F

ClientSampleId :

PB160276BS



Tgt Ion:252 Resp: 1799930

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

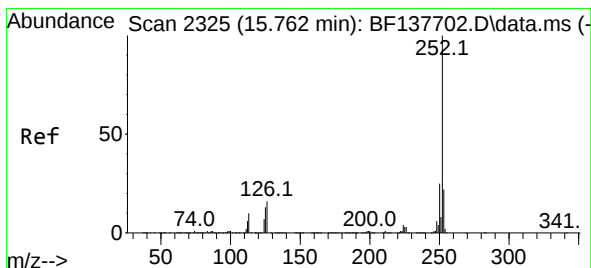
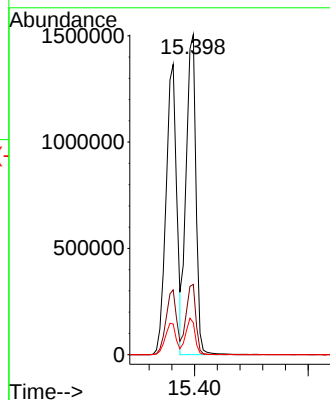
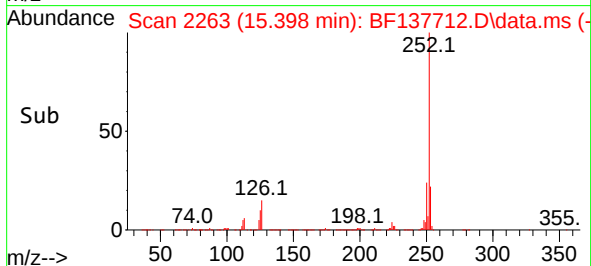
125 10.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#90

Benzo(a)pyrene

Concen: 45.728 ng

RT: 15.768 min Scan# 2326

Delta R.T. 0.006 min

Lab File: BF137712.D

Acq: 24 Apr 2024 11:35

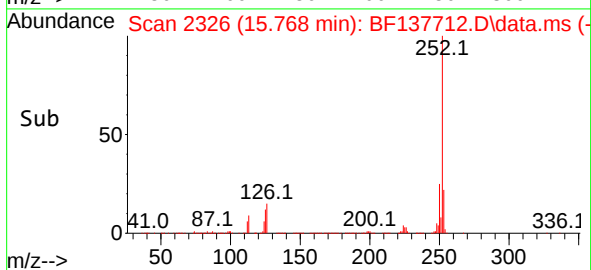
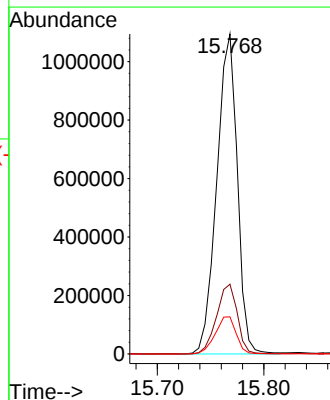
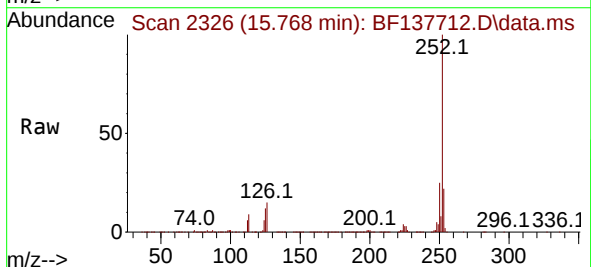
Tgt Ion:252 Resp: 1464308

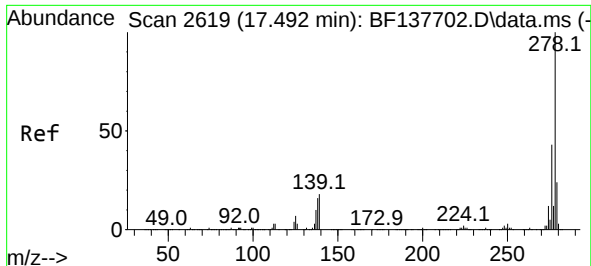
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

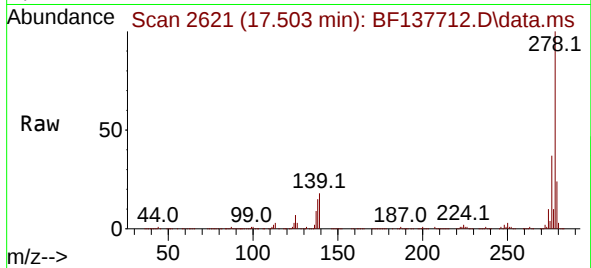
125 11.6 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 55.514 ng
RT: 17.503 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

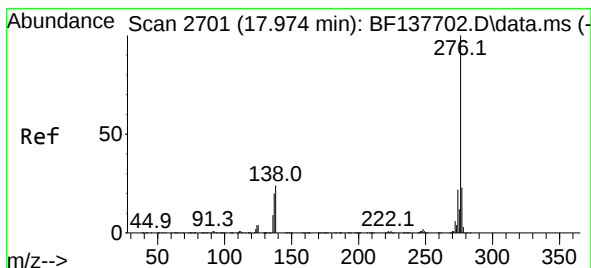
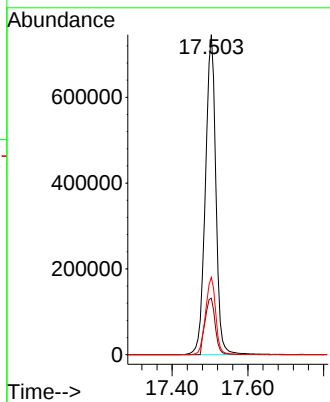
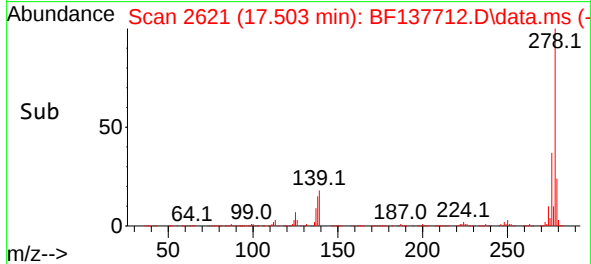
Instrument :
BNA_F
ClientSampleId :
PB160276BS



Tgt Ion:278 Resp: 1424929
Ion Ratio Lower Upper
278 100
139 17.6 14.7 22.1
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#92
Benzo(g,h,i)perylene
Concen: 56.321 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137712.D
Acq: 24 Apr 2024 11:35

Tgt Ion:276 Resp: 1405757
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 23.3 19.5 29.3

