

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
 Data File : BF137705.D
 Acq On : 23 Apr 2024 20:59
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 03:52:16 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 03:33:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.069	152	294914	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1143940	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	626429	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1042402	20.000	ng	0.00
76) Chrysene-d12	14.263	240	595973	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	523368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2777899	143.084	ng	0.01
7) Phenol-d6	6.693	99	3497178	141.849	ng	0.02
23) Nitrobenzene-d5	7.640	82	3244057	150.537	ng	0.01
42) 2,4,6-Tribromophenol	10.910	330	938974	148.545	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.204	244	5621017	151.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	662232	76.176	ng	99
3) Pyridine	3.757	79	1785186	77.086	ng	100
4) n-Nitrosodimethylamine	3.740	42	827001	76.517	ng	98
6) Aniline	6.745	93	2346813m	76.460	ng	
8) 2-Chlorophenol	6.857	128	1444086	71.255	ng	96
10) Phenol	6.704	94	1793468	72.817	ng	96
11) bis(2-Chloroethyl)ether	6.804	93	1465256	72.936	ng	96
12) 1,3-Dichlorobenzene	7.010	146	1531275	72.049	ng	99
13) 1,4-Dichlorobenzene	7.087	146	1523615	71.207	ng	99
14) 1,2-Dichlorobenzene	7.245	146	1381901	69.382	ng	99
15) Benzyl Alcohol	7.210	79	1367255	74.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.340	45	2254598	72.975	ng	99
17) 2-Methylphenol	7.304	107	1338199	74.320	ng	99
18) Hexachloroethane	7.581	117	560716	74.042	ng	98
19) n-Nitroso-di-n-propyla...	7.487	70	1138336	71.403	ng	98
20) 3+4-Methylphenols	7.469	107	1622552	69.770	ng	# 85
22) Acetophenone	7.481	105	1981605	70.824	ng	# 97
24) Nitrobenzene	7.657	77	1641039	75.374	ng	96
25) Isophorone	7.898	82	3069473	76.692	ng	99
26) 2-Nitrophenol	7.969	139	806928	84.456	ng	99
27) 2,4-Dimethylphenol	7.992	122	1426356	73.997	ng	96
28) bis(2-Chloroethoxy)met...	8.092	93	1808013	73.960	ng	100
29) 2,4-Dichlorophenol	8.204	162	1279091	75.715	ng	99
30) 1,2,4-Trichlorobenzene	8.292	180	1273999	73.988	ng	98
31) Naphthalene	8.381	128	4028282	69.007	ng	99
32) Benzoic acid	8.134	122	1070279	87.691	ng	98
33) 4-Chloroaniline	8.422	127	1772106	71.721	ng	99
34) Hexachlorobutadiene	8.487	225	761852	73.803	ng	98
35) Caprolactam	8.816	113	435214m	79.683	ng	
36) 4-Chloro-3-methylphenol	8.892	107	1362690	76.053	ng	99
37) 2-Methylnaphthalene	9.069	142	2762447	68.947	ng	100
38) 1-Methylnaphthalene	9.169	142	2578423	68.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.234	216	1247652	72.649	ng	99
41) Hexachlorocyclopentadiene	9.216	237	802878	83.436	ng	99
43) 2,4,6-Trichlorophenol	9.339	196	898171	74.550	ng	99
44) 2,4,5-Trichlorophenol	9.381	196	1050773	76.102	ng	96

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Manual Integrations
 APPROVED

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

Quant Time: Apr 24 03:52:16 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:33:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.534	154	3140816	68.921	ng	98
47) 2-Chloronaphthalene	9.563	162	2533883	72.131	ng	99
48) 2-Nitroaniline	9.651	65	882998	82.487	ng	99
49) Acenaphthylene	9.981	152	3871544	70.671	ng	98
50) Dimethylphthalate	9.839	163	3206185	73.461	ng	100
51) 2,6-Dinitrotoluene	9.898	165	719647	78.258	ng	94
52) Acenaphthene	10.151	154	2527928	71.264	ng	99
53) 3-Nitroaniline	10.075	138	813635	78.733	ng	99
54) 2,4-Dinitrophenol	10.169	184	391391	80.100	ng	# 45
55) Dibenzofuran	10.328	168	3586760	68.979	ng	99
56) 4-Nitrophenol	10.210	139	641937	79.877	ng	97
57) 2,4-Dinitrotoluene	10.304	165	950260	81.968	ng	98
58) Fluorene	10.669	166	2779777	68.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	780135	72.968	ng	99
60) Diethylphthalate	10.533	149	2965812	70.651	ng	99
61) 4-Chlorophenyl-phenyle...	10.657	204	1412549	70.362	ng	96
62) 4-Nitroaniline	10.698	138	773455	78.579	ng	99
63) Azobenzene	10.816	77	3023164	70.279	ng	97
65) 4,6-Dinitro-2-methylph...	10.710	198	528765	88.470	ng	96
66) n-Nitrosodiphenylamine	10.781	169	2531366	71.700	ng	98
67) 4-Bromophenyl-phenylether	11.151	248	901360	74.623	ng	98
68) Hexachlorobenzene	11.216	284	879840	74.770	ng	97
69) Atrazine	11.298	200	619987	63.527	ng	99
70) Pentachlorophenol	11.404	266	660265	74.591	ng	99
71) Phenanthrene	11.639	178	3754517	68.041	ng	98
72) Anthracene	11.692	178	3854096	68.210	ng	97
73) Carbazole	11.839	167	3549445	69.315	ng	98
74) Di-n-butylphthalate	12.163	149	4259481	68.236	ng	99
75) Fluoranthene	12.833	202	3883280	66.953	ng	99
77) Benzidine	12.945	184	1057789	75.991	ng	98
78) Pyrene	13.063	202	3914196	80.017	ng	98
80) Butylbenzylphthalate	13.669	149	1481293	85.391	ng	95
81) Benzo(a)anthracene	14.251	228	3106535	74.734	ng	98
82) 3,3'-Dichlorobenzidine	14.210	252	883967	68.731	ng	98
83) Chrysene	14.292	228	2868438	73.854	ng	97
84) Bis(2-ethylhexyl)phtha...	14.221	149	2091025	79.817	ng	100
85) Di-n-octyl phthalate	14.851	149	3123466	79.373	ng	99
87) Indeno(1,2,3-cd)pyrene	17.486	276	2763046	95.213	ng	99
88) Benzo(b)fluoranthene	15.363	252	2572739	76.819	ng	100
89) Benzo(k)fluoranthene	15.398	252	2335464	70.941	ng	100
90) Benzo(a)pyrene	15.768	252	2321518	77.272	ng	100
91) Dibenzo(a,h)anthracene	17.515	278	2255206	93.647	ng	100
92) Benzo(g,h,i)perylene	17.998	276	2322009	99.158	ng	99

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

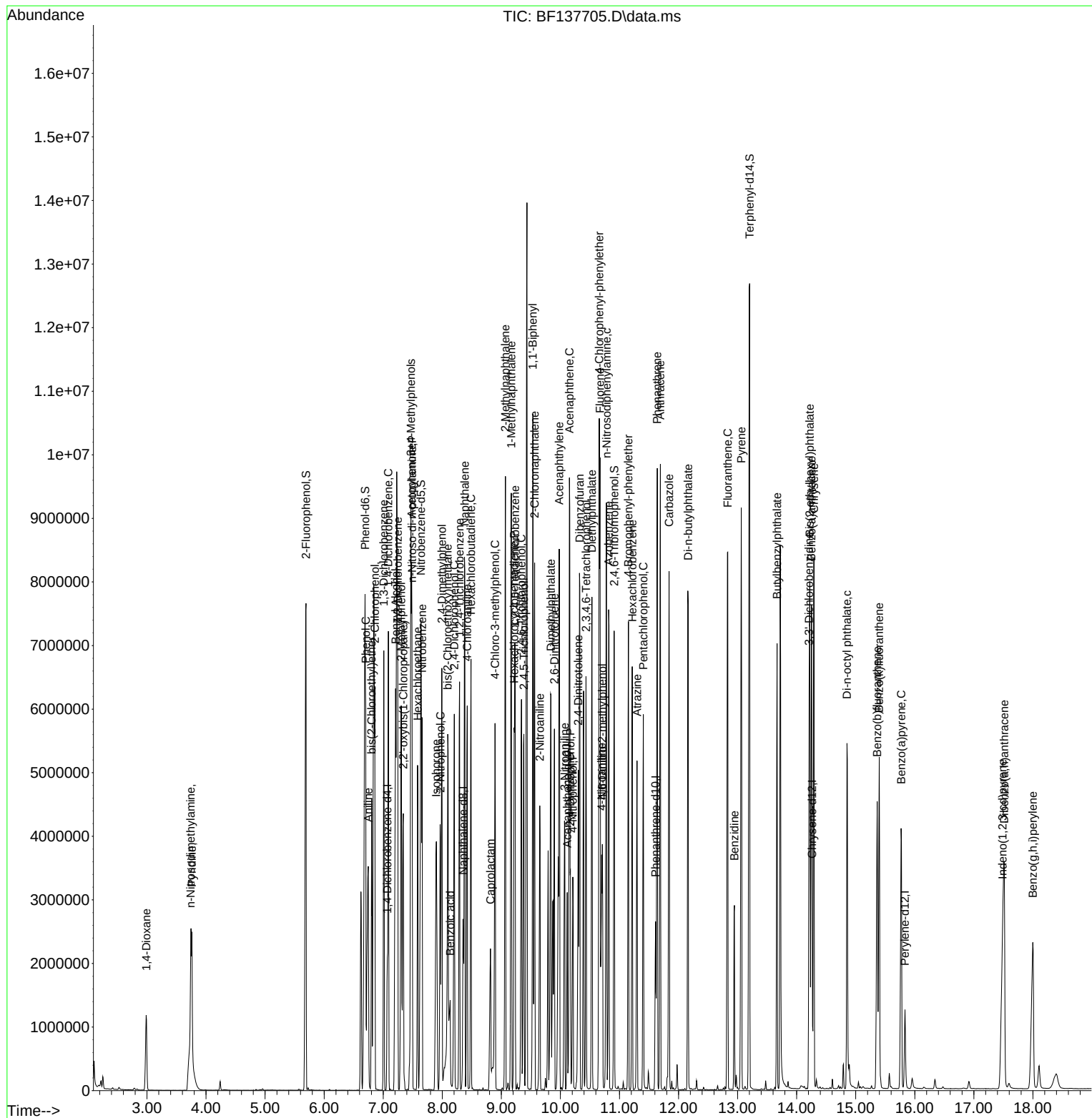
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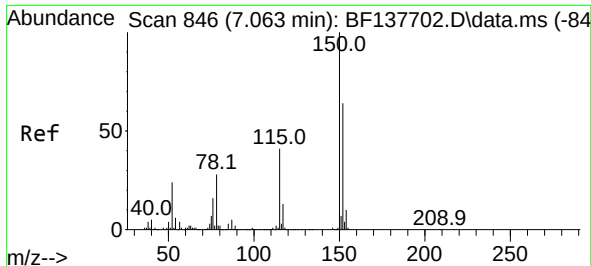
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

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

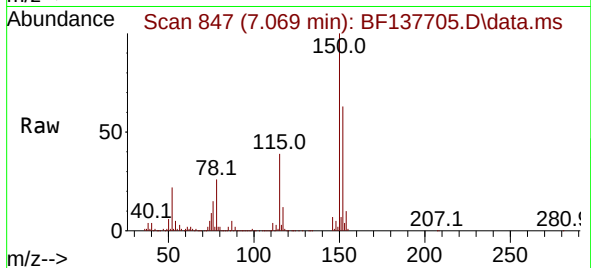
Quant Time: Apr 24 03:52:16 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

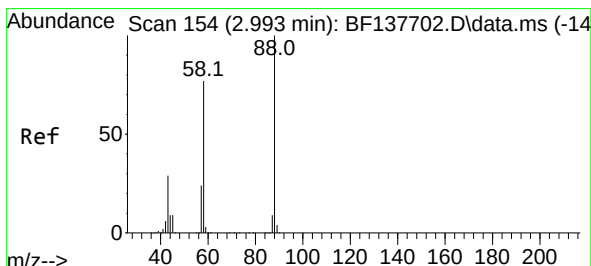
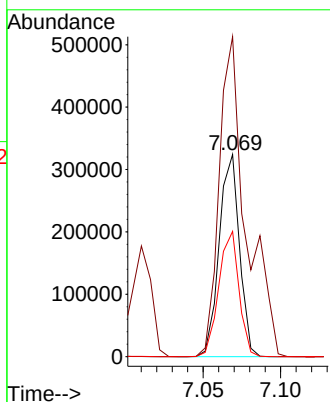
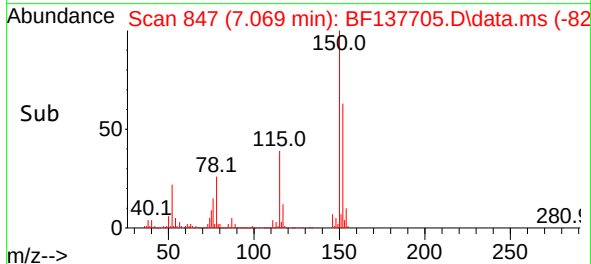
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 294914
Ion Ratio Lower Upper
152 100
150 158.2 124.2 186.4
115 62.0 50.8 76.2

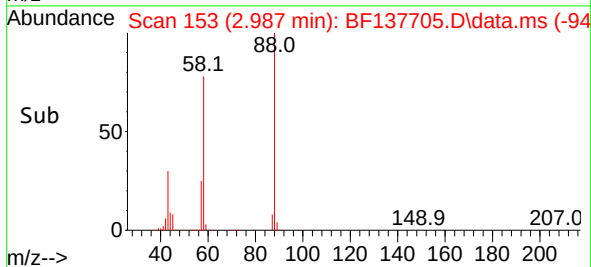
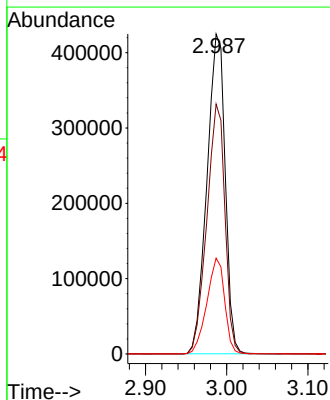
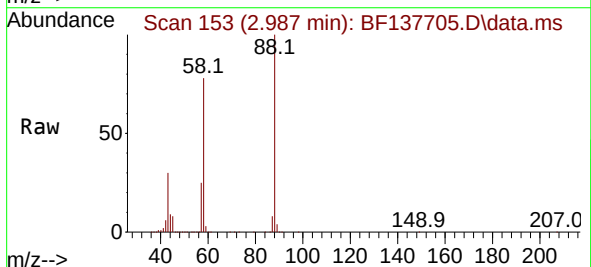
Manual Integrations
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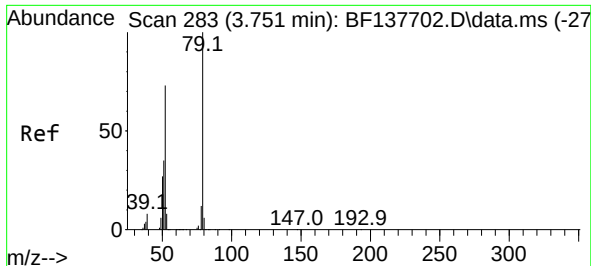
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 76.176 ng
RT: 2.987 min Scan# 153
Delta R.T. -0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

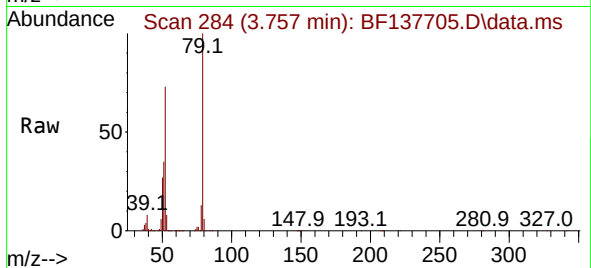
Tgt Ion: 88 Resp: 662232
Ion Ratio Lower Upper
88 100
58 77.4 62.4 93.6
43 29.1 23.7 35.5





#3
Pyridine
Concen: 77.086 ng
RT: 3.757 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

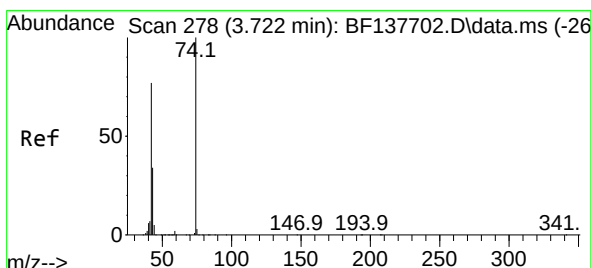
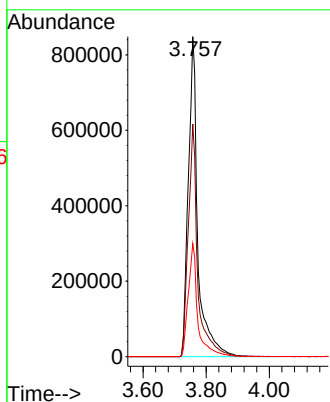
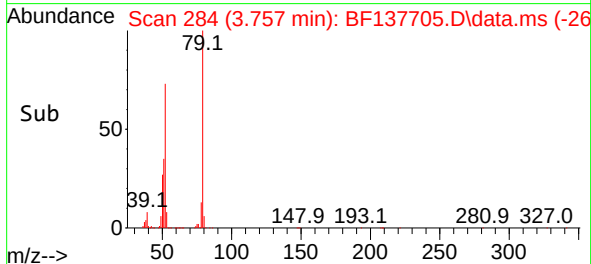
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 178518
Ion Ratio Lower Upper
79 100
52 72.7 58.0 87.0
51 35.3 27.9 41.9

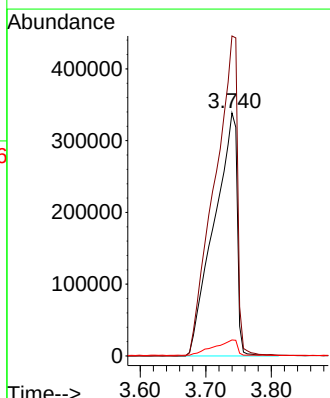
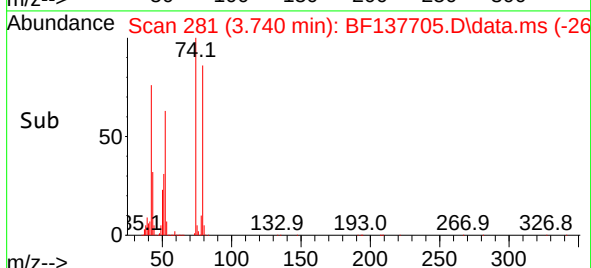
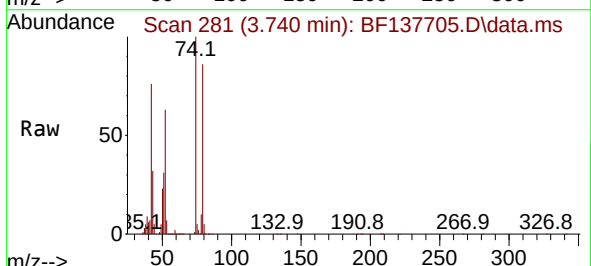
Manual Integrations
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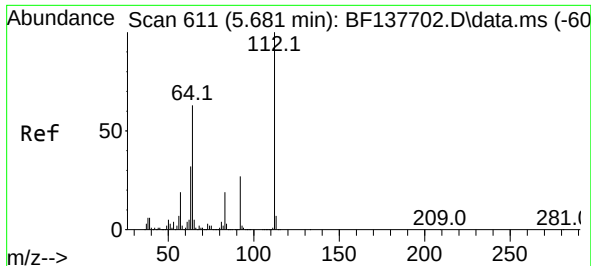
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 76.517 ng
RT: 3.740 min Scan# 281
Delta R.T. 0.018 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion: 42 Resp: 827001
Ion Ratio Lower Upper
42 100
74 131.7 103.4 155.2
44 6.6 5.5 8.3





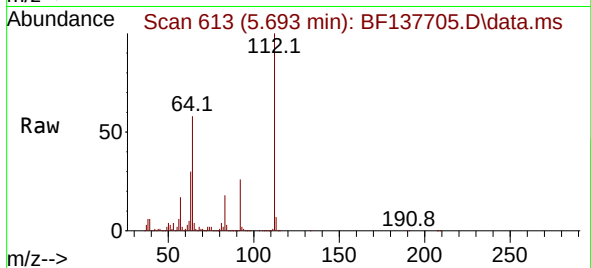
#5
2-Fluorophenol
Concen: 143.084 ng
RT: 5.693 min Scan# 611
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



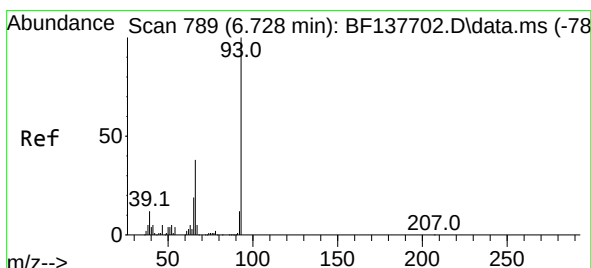
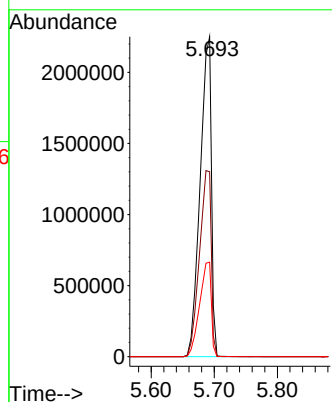
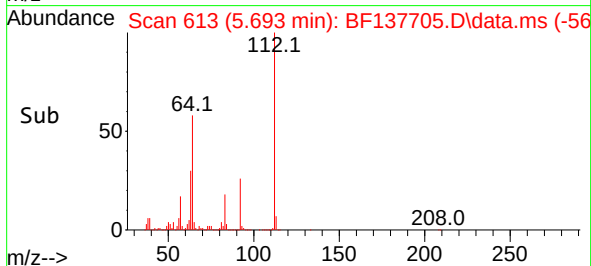
Tgt Ion: 112 Resp: 2777899
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.5 25.2 37.8

Manual Integrations

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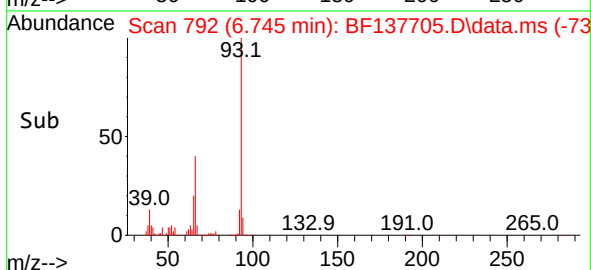
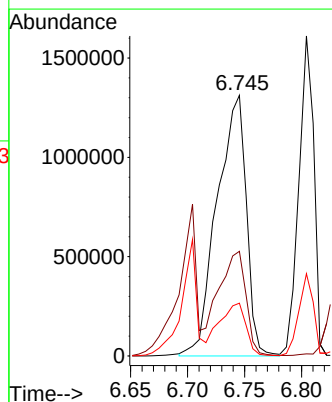
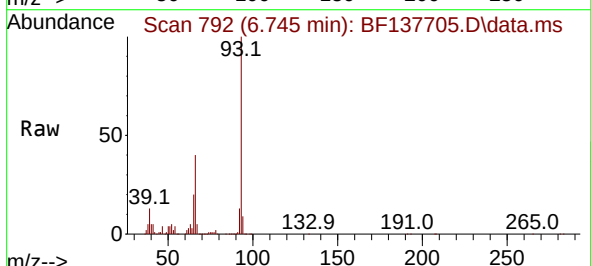
Reviewed By :Yogesh Patel 04/26/2024

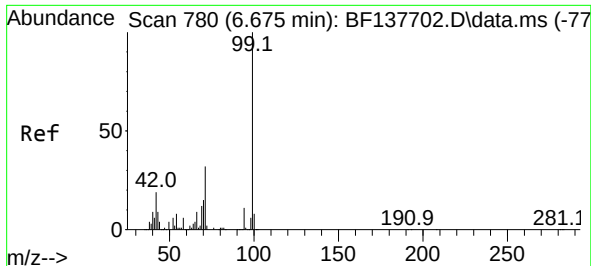
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 76.460 ng m
RT: 6.745 min Scan# 792
Delta R.T. 0.018 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

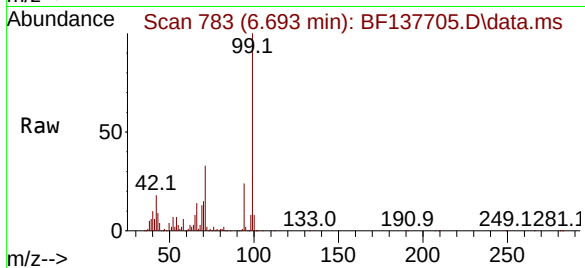
Tgt Ion: 93 Resp: 2346813
Ion Ratio Lower Upper
93 100
66 40.2 32.1 48.1
65 20.2 16.4 24.6





#7
Phenol-d6
Concen: 141.849 ng
RT: 6.693 min Scan# 780
Delta R.T. 0.018 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

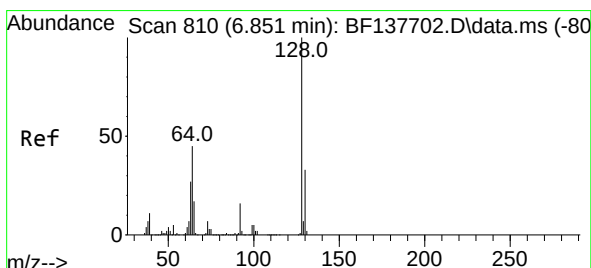
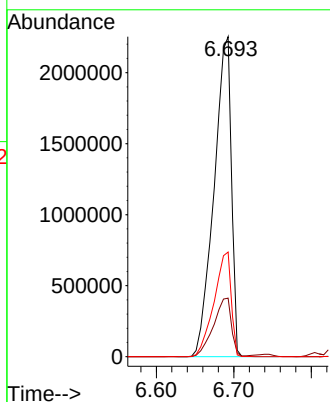
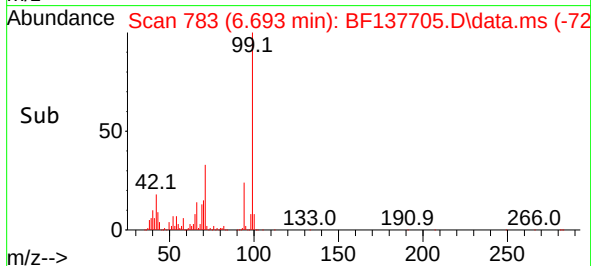
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 3497178
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 32.7 25.7 38.5

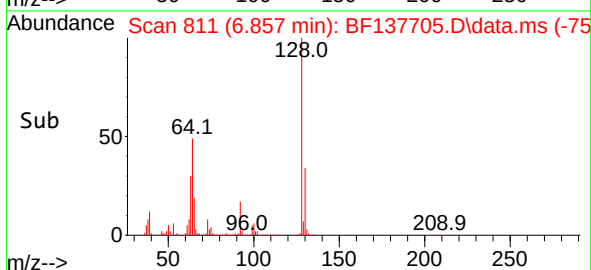
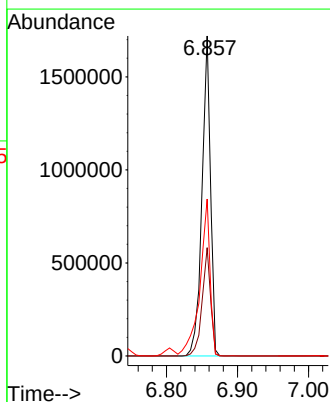
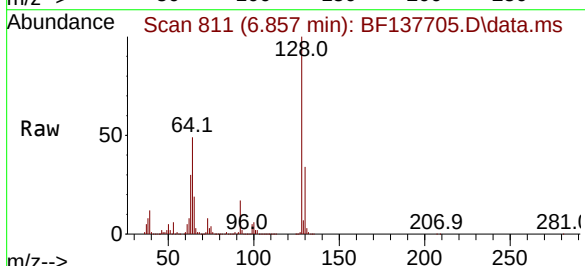
Manual Integrations
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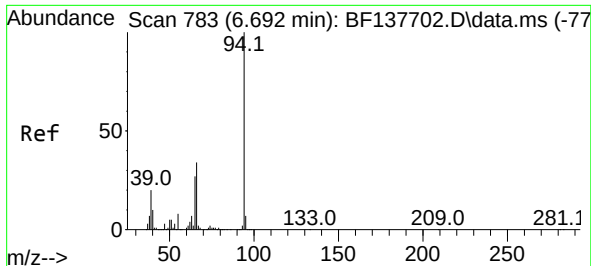
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 71.255 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

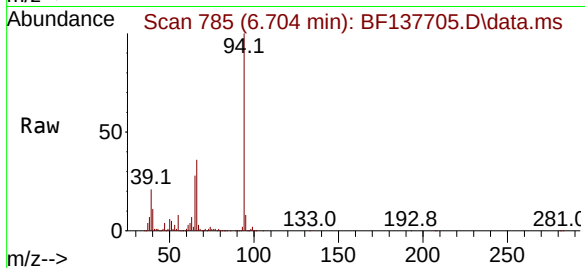
Tgt Ion:128 Resp: 1444086
Ion Ratio Lower Upper
128 100
130 33.9 13.2 53.2
64 49.1 24.7 64.7





#10
Phenol
Concen: 72.817 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

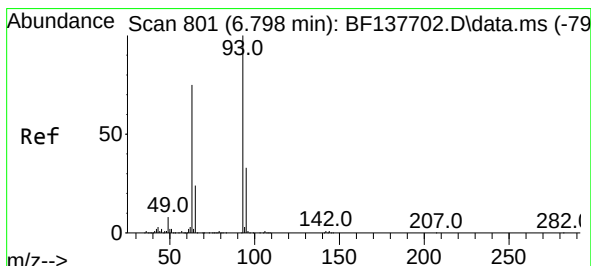
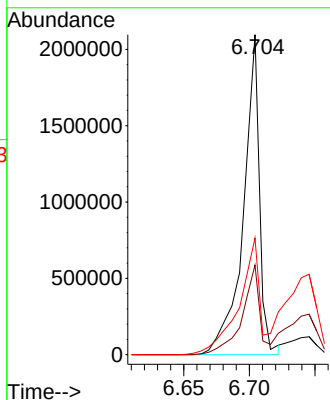
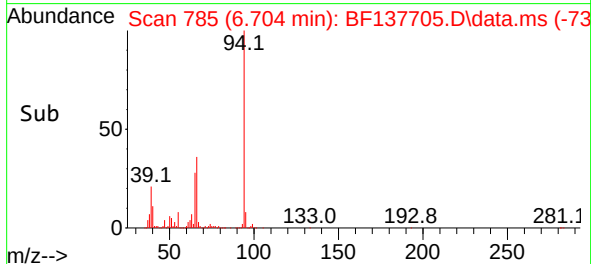
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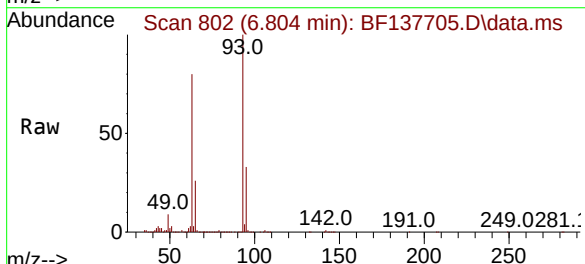
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Ion Ratio Lower Upper
94 100
65 28.0 6.5 46.5
66 36.5 13.9 53.9

Manual Integrations
APPROVED

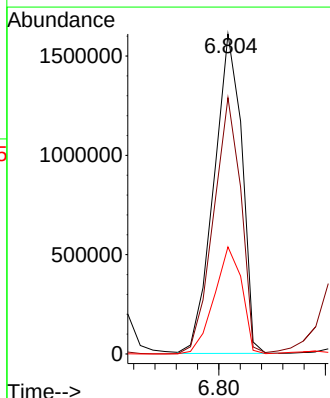
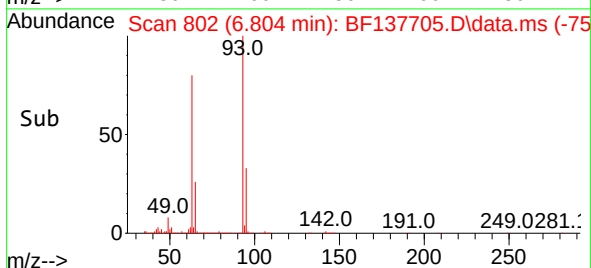
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

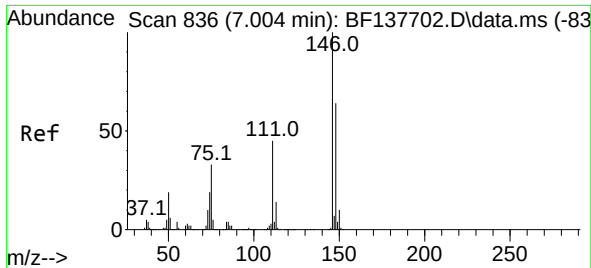


#11
bis(2-Chloroethyl)ether
Concen: 72.936 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion: 93 Resp: 1465256
Ion Ratio Lower Upper
93 100
63 80.1 54.8 94.8
95 33.5 13.2 53.2





#12

1,3-Dichlorobenzene

Concen: 72.049 ng

RT: 7.010 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 153127

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

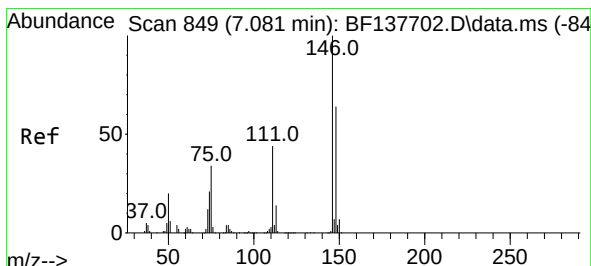
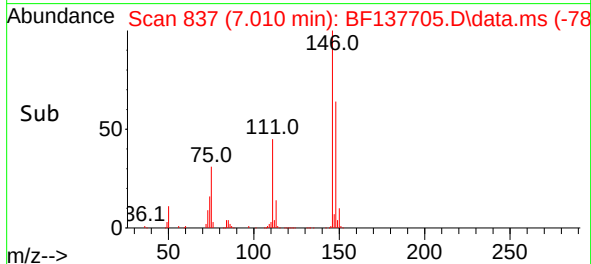
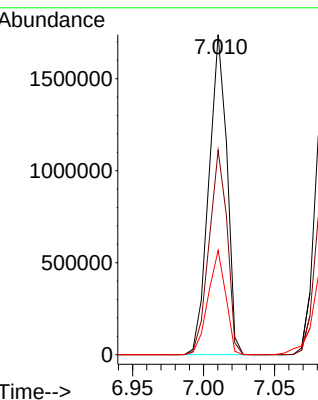
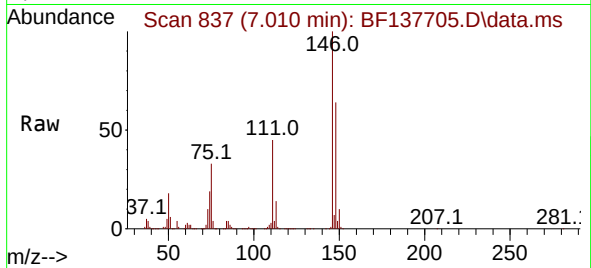
75 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#13

1,4-Dichlorobenzene

Concen: 71.207 ng

RT: 7.087 min Scan# 850

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

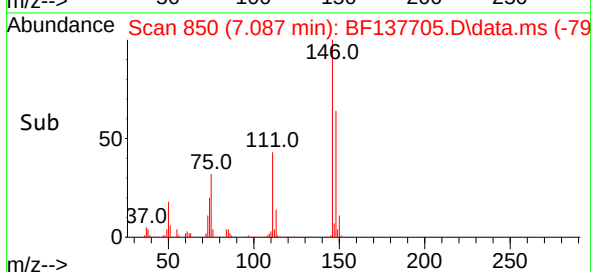
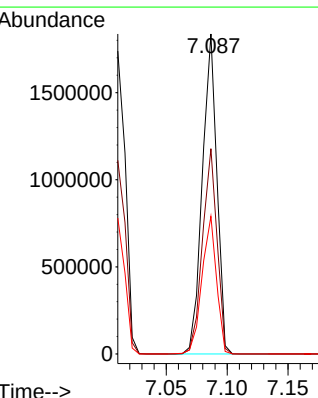
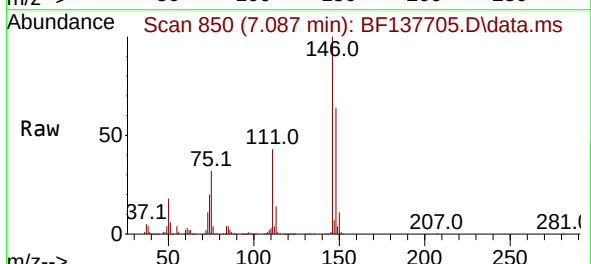
Tgt Ion:146 Resp: 1523615

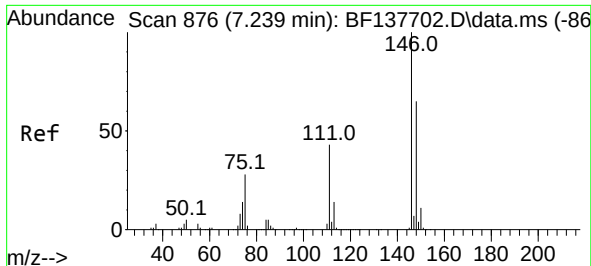
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 43.0 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 69.382 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

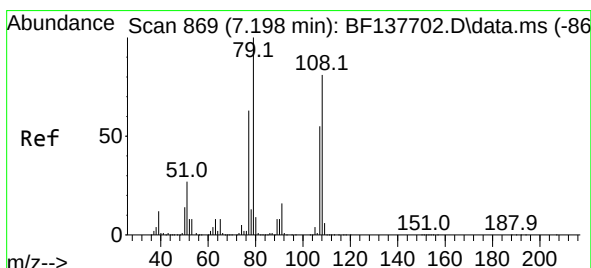
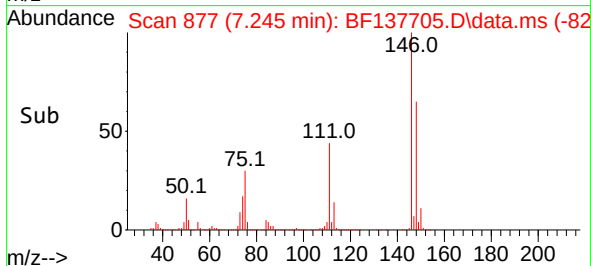
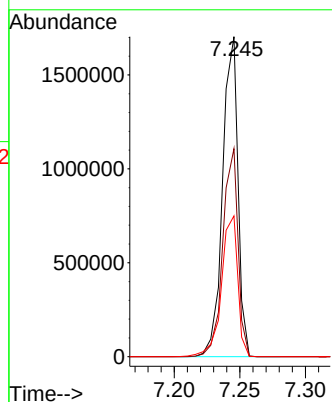
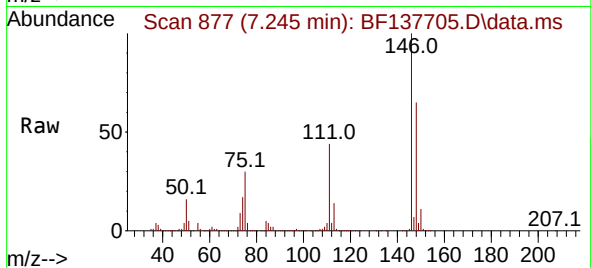
SSTDICC080

Tgt Ion:146 Resp: 138190
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
111 44.0 34.5 51.7

Manual Integrations

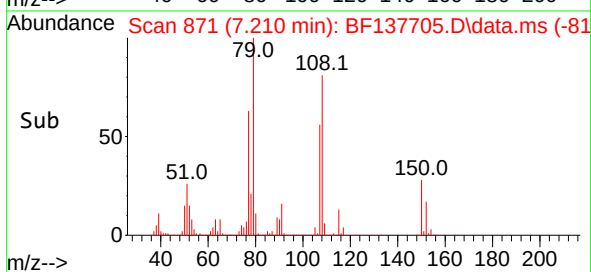
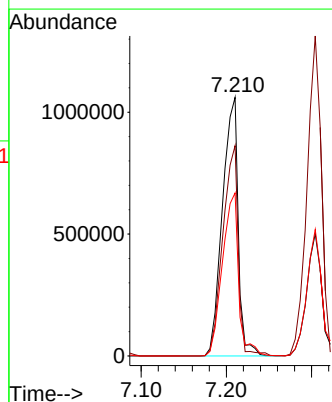
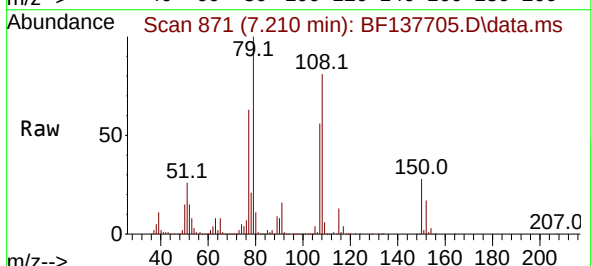
APPROVED

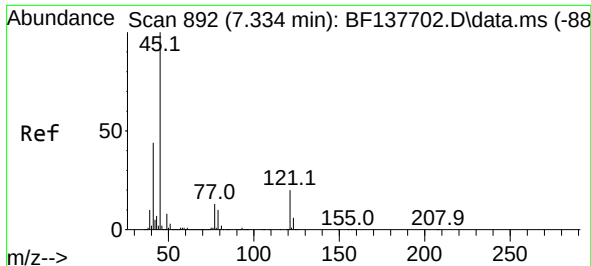
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#15
Benzyl Alcohol
Concen: 74.133 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion: 79 Resp: 1367255
Ion Ratio Lower Upper
79 100
108 81.3 64.8 97.2
77 63.0 50.3 75.5





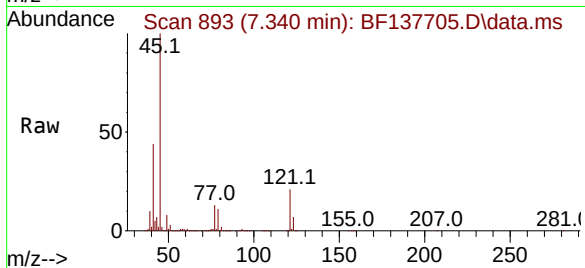
#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.975 ng
RT: 7.340 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



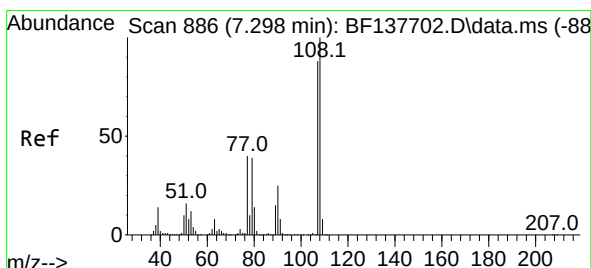
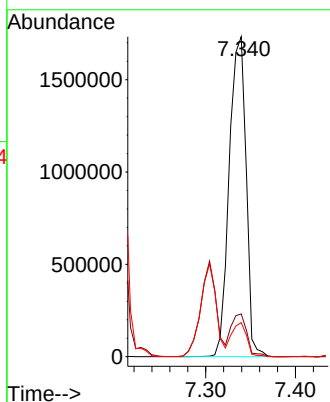
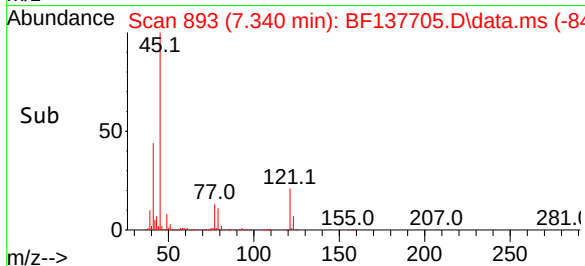
Tgt Ion: 45 Resp: 2254598
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 10.7 0.0 30.1

Manual Integrations

APPROVED

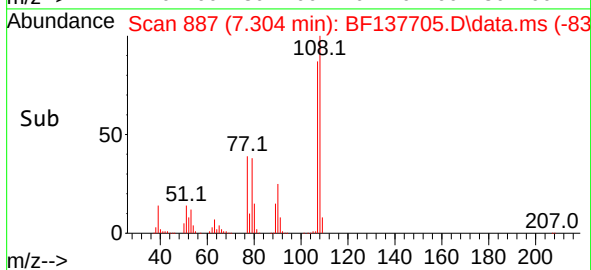
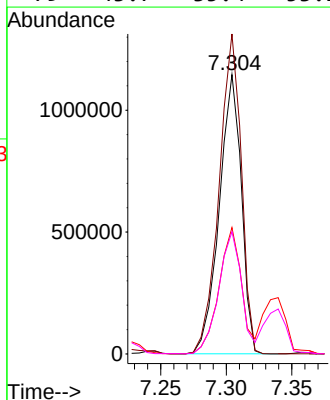
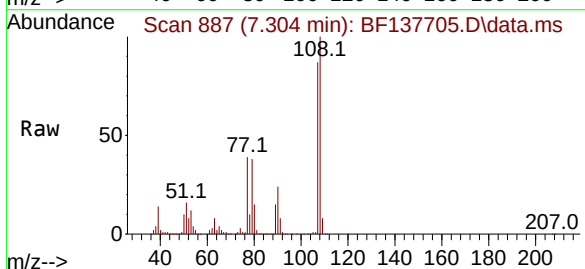
Reviewed By :Yogesh Patel 04/26/2024

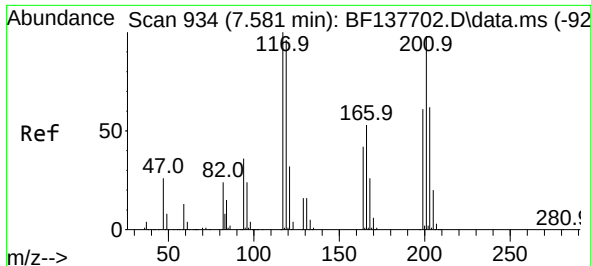
Supervised By :mohammad ahmed 04/27/2024



#17
2-Methylphenol
Concen: 74.320 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

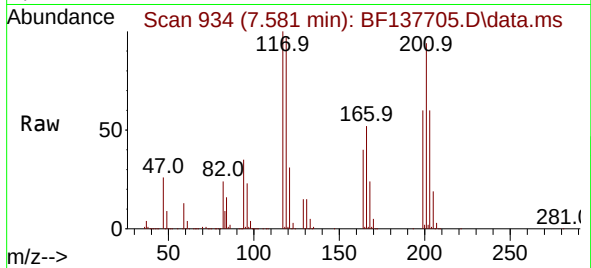
Tgt Ion:107 Resp: 1338199
Ion Ratio Lower Upper
107 100
108 114.5 90.6 135.8
77 45.2 35.8 53.8
79 43.7 35.4 53.2





#18
Hexachloroethane
Concen: 74.042 ng
RT: 7.581 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

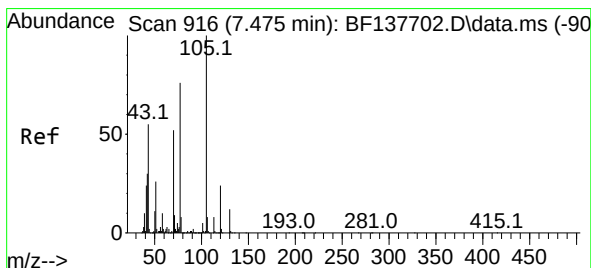
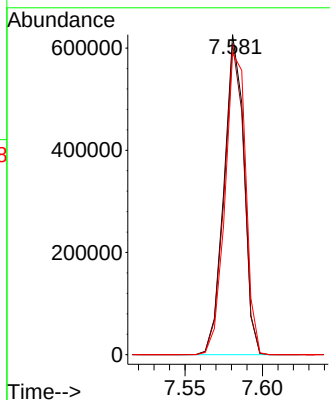
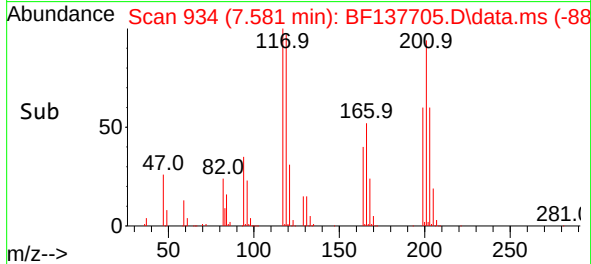
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



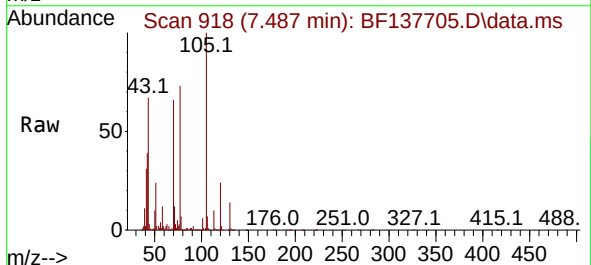
Tgt Ion: 117 Resp: 560710
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7
201 94.2 78.1 117.1

Manual Integrations
APPROVED

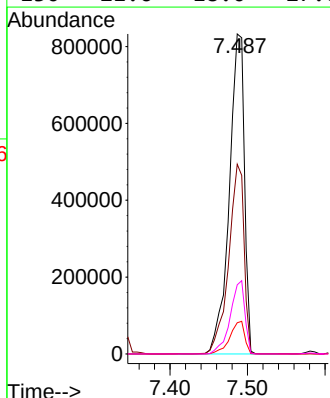
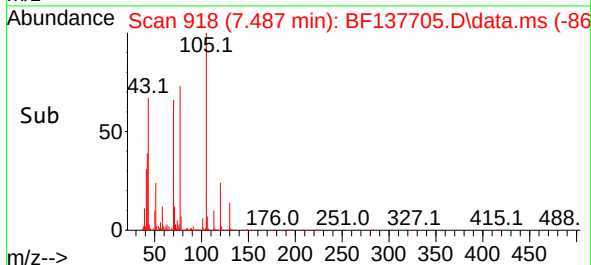
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

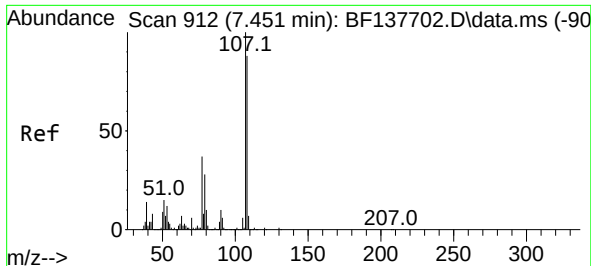


#19
n-Nitroso-di-n-propylamine
Concen: 71.403 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion: 70 Resp: 1138336
Ion Ratio Lower Upper
70 100
42 59.3 45.9 68.9
101 9.7 8.0 12.0
130 21.6 18.0 27.0





#20
3+4-Methylphenols
Concen: 69.770 ng
RT: 7.469 min Scan# 912
Delta R.T. 0.018 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

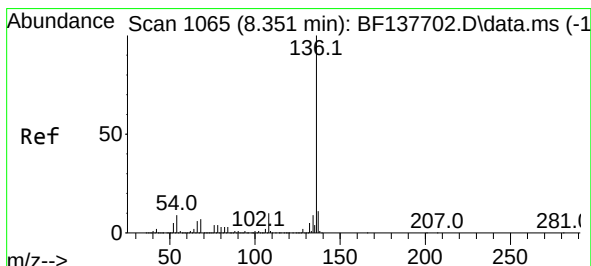
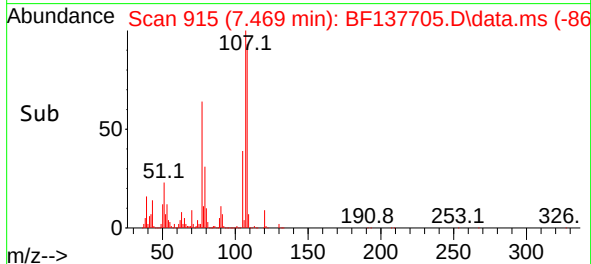
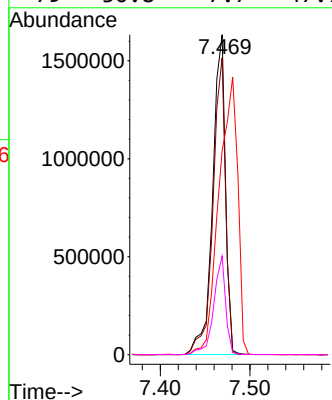
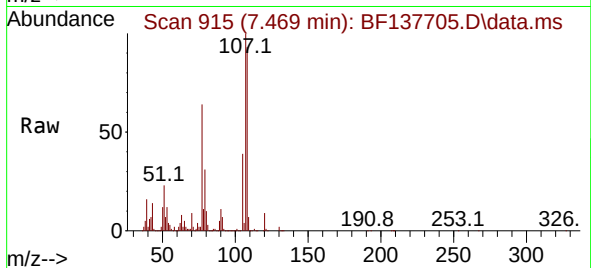
SSTDICC080

Tgt Ion:107 Resp: 162255
Ion Ratio Lower Upper
107 100
108 92.8 68.2 108.2
77 63.6 16.8 56.8
79 30.8 7.7 47.7

Manual Integrations

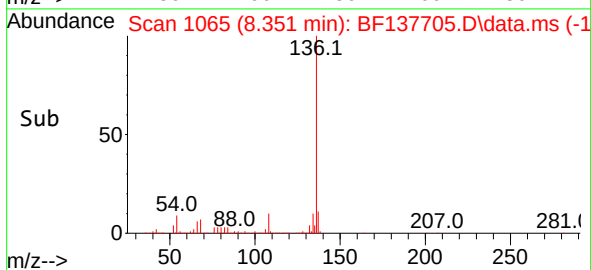
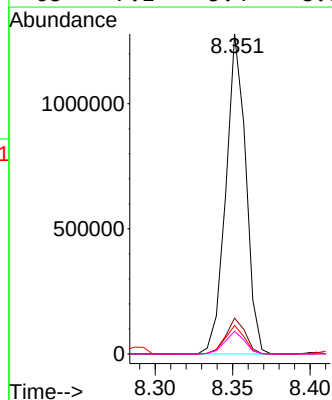
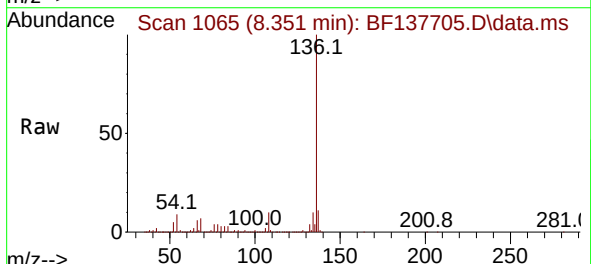
APPROVED

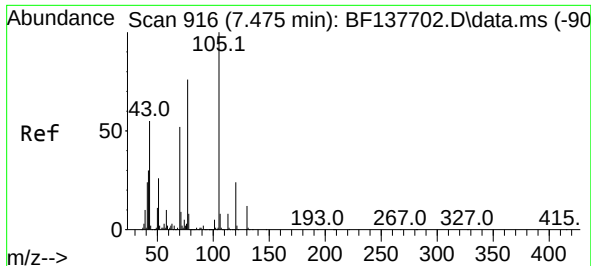
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

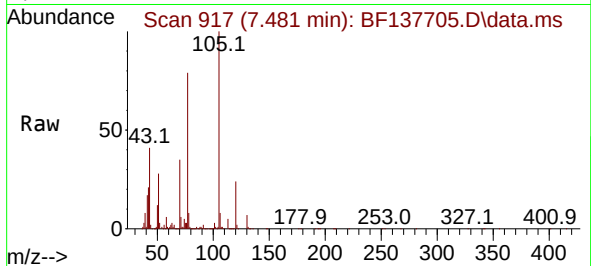
Tgt Ion:136 Resp: 1143940
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 6.9 10.3
68 7.1 5.4 8.0





#22
Acetophenone
Concen: 70.824 ng
RT: 7.481 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

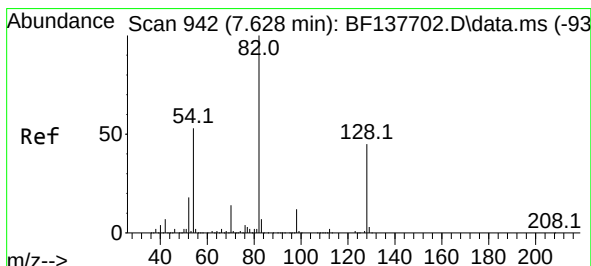
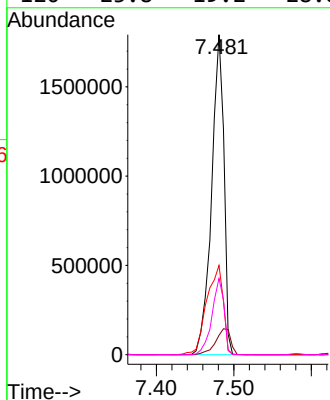
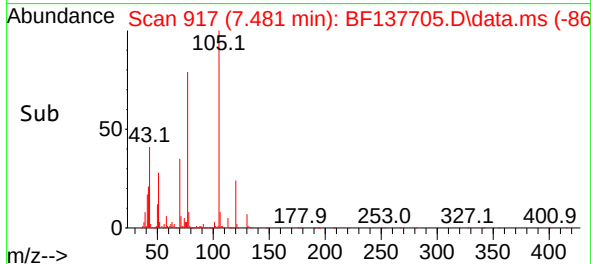
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:105 Resp: 1981609
Ion Ratio Lower Upper
105 100
71 6.0 7.0 10.6
51 27.9 20.5 30.7
120 23.8 19.2 28.8

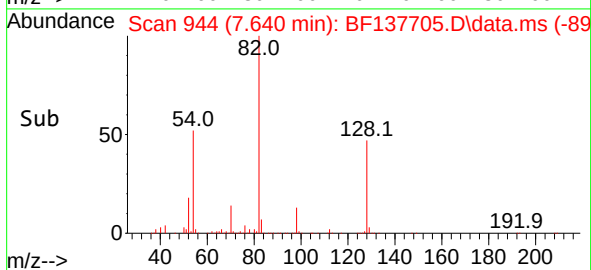
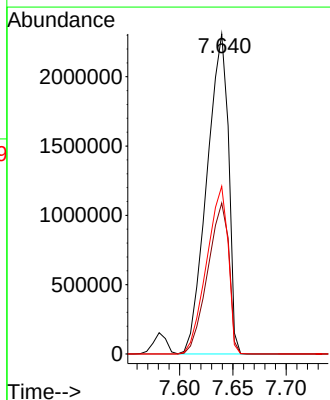
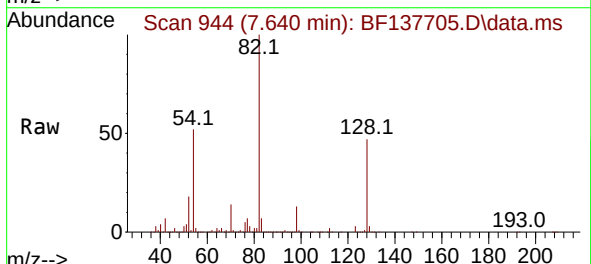
Manual Integrations
APPROVED

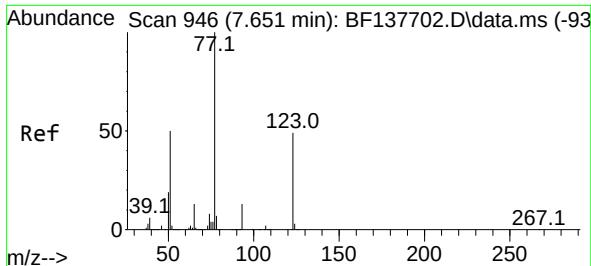
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#23
Nitrobenzene-d5
Concen: 150.537 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

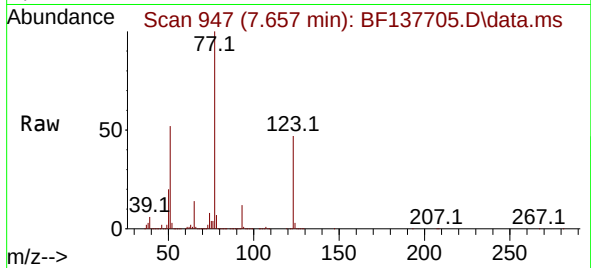
Tgt Ion: 82 Resp: 3244057
Ion Ratio Lower Upper
82 100
128 47.2 35.8 53.6
54 52.4 42.5 63.7





#24
Nitrobenzene
Concen: 75.374 ng
RT: 7.657 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

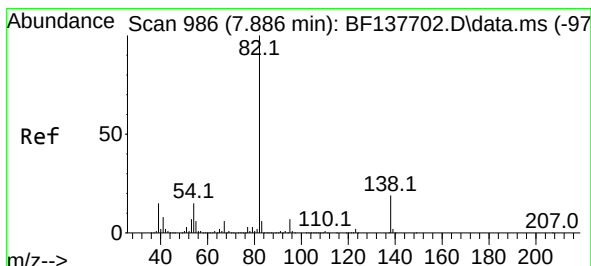
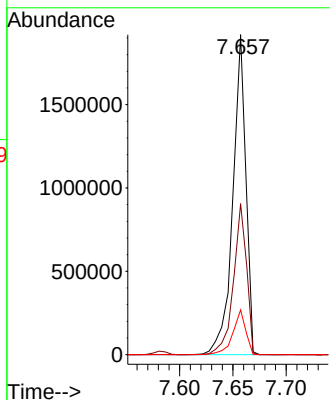
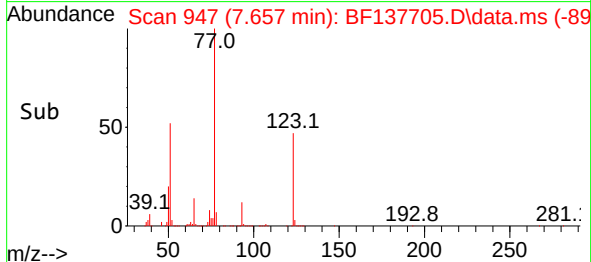
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



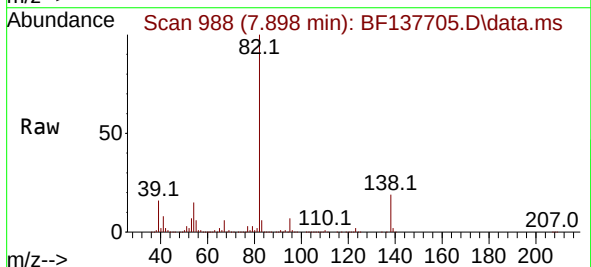
Tgt Ion: 77 Resp: 1641039
Ion Ratio Lower Upper
77 100
123 47.2 40.4 60.6
65 14.0 10.7 16.1

Manual Integrations
APPROVED

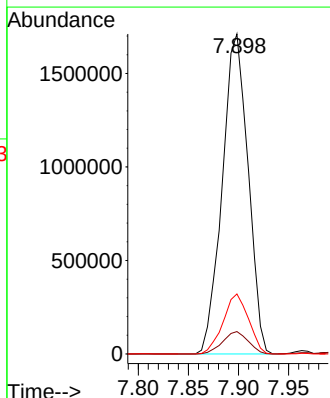
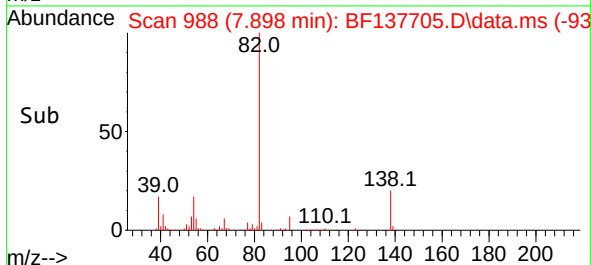
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

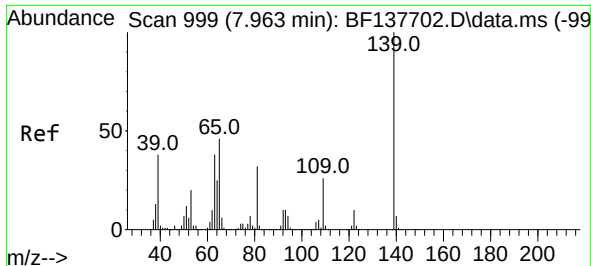


#25
Isophorone
Concen: 76.692 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion: 82 Resp: 3069473
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.8 15.3 22.9





#26
2-Nitrophenol
Concen: 84.456 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

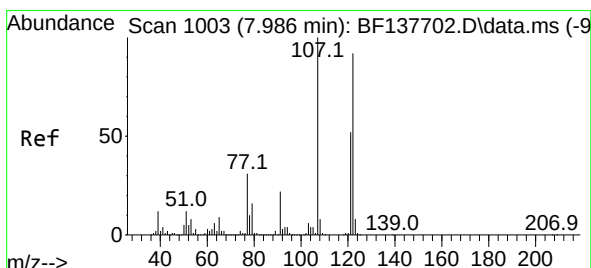
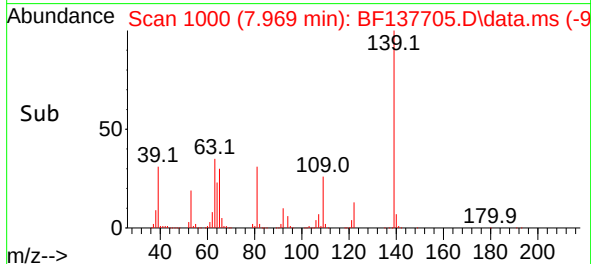
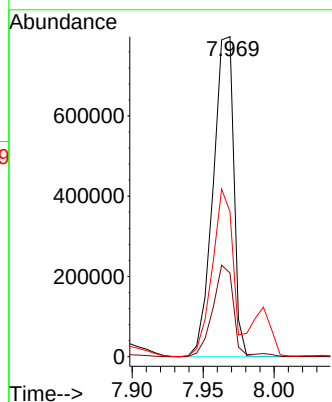
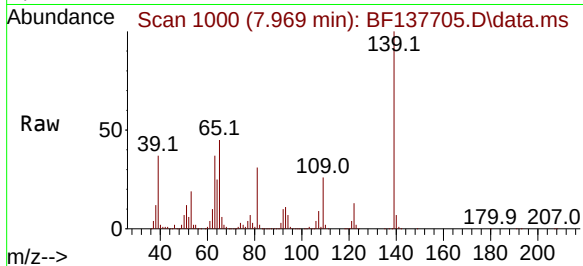
SSTDICC080

Tgt Ion:139 Resp: 806928
Ion Ratio Lower Upper
139 100
109 26.1 21.1 31.7
65 45.3 37.1 55.7

Manual Integrations

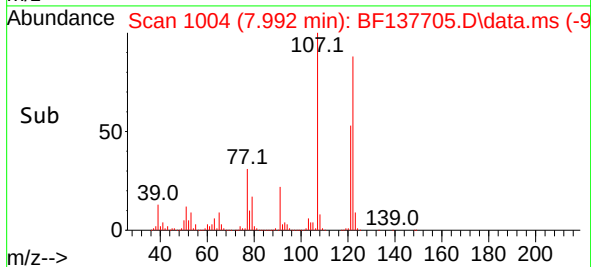
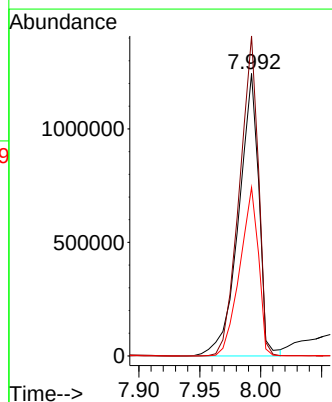
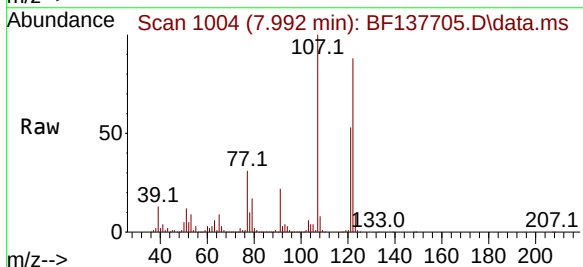
APPROVED

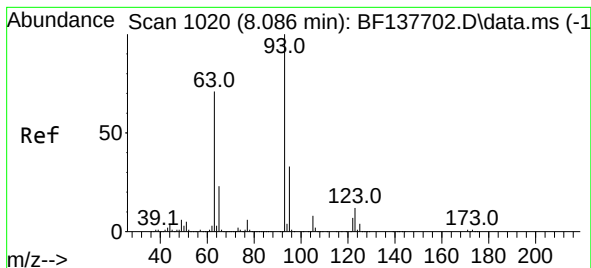
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
2,4-Dimethylphenol
Concen: 73.997 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:122 Resp: 1426356
Ion Ratio Lower Upper
122 100
107 113.3 87.2 130.8
121 59.6 45.2 67.8





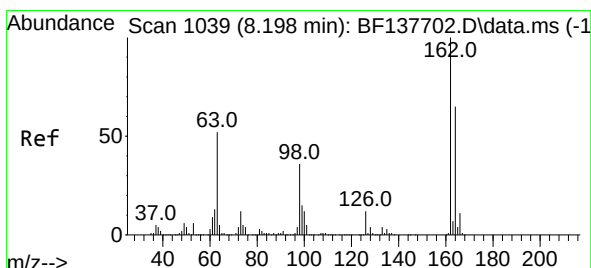
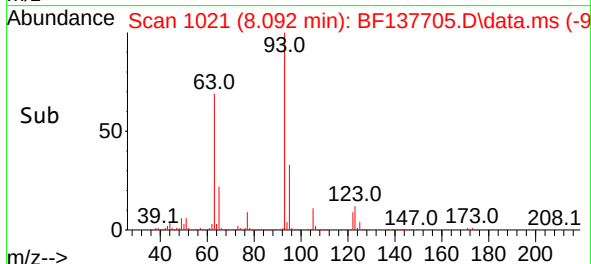
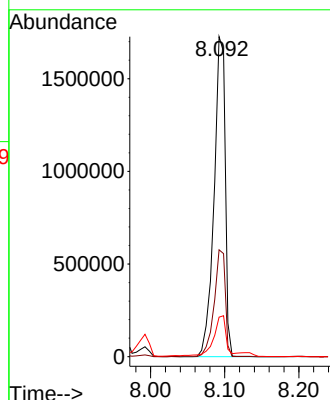
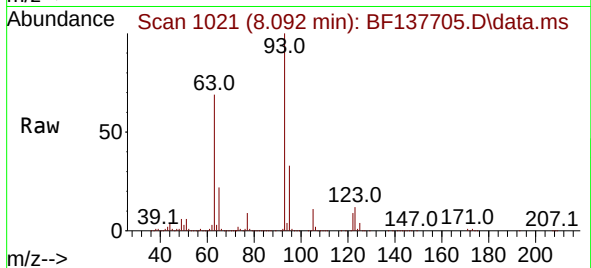
#28
bis(2-Chloroethoxy)methane
Concen: 73.960 ng
RT: 8.092 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 180801
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 12.4 9.8 14.8

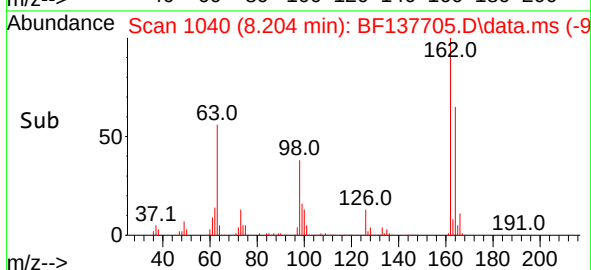
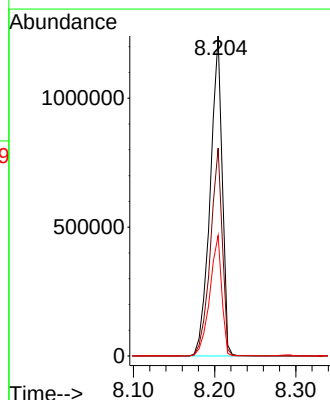
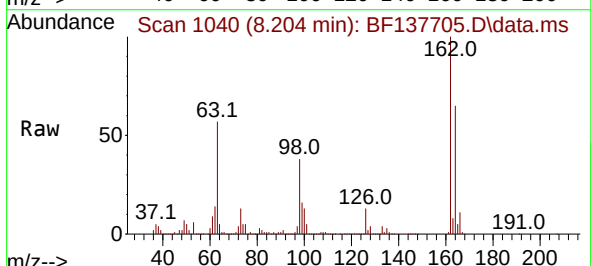
Manual Integrations
APPROVED

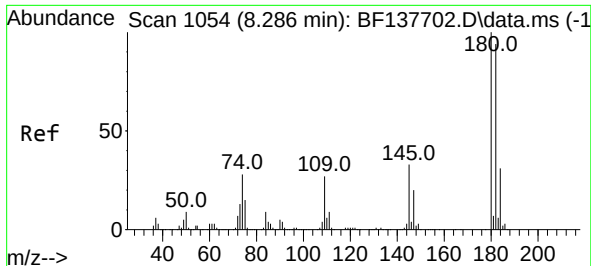
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#29
2,4-Dichlorophenol
Concen: 75.715 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:162 Resp: 1279091
Ion Ratio Lower Upper
162 100
164 65.0 45.2 85.2
98 37.6 15.7 55.7





#30
1,2,4-Trichlorobenzene
Concen: 73.988 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

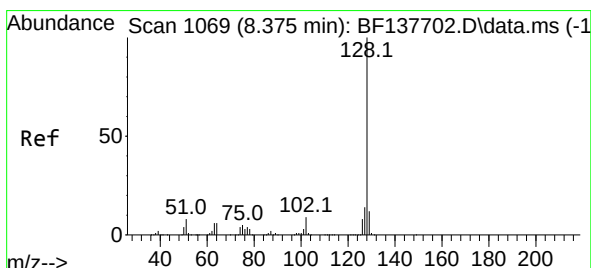
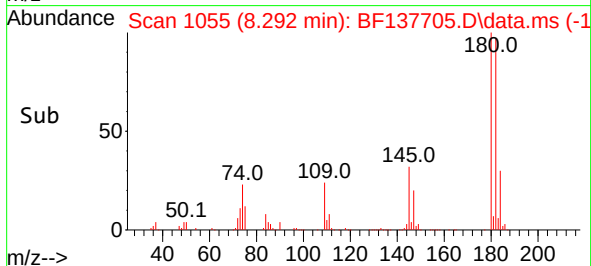
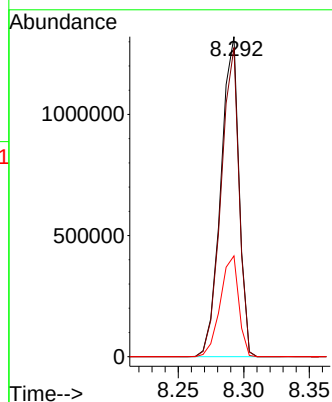
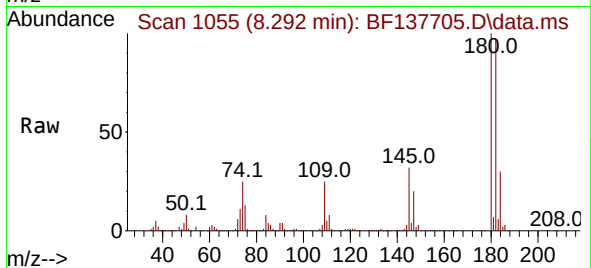
SSTDICC080

Tgt Ion:180 Resp: 1273999
Ion Ratio Lower Upper
180 100
182 96.6 75.4 113.2
145 31.5 26.3 39.5

Manual Integrations

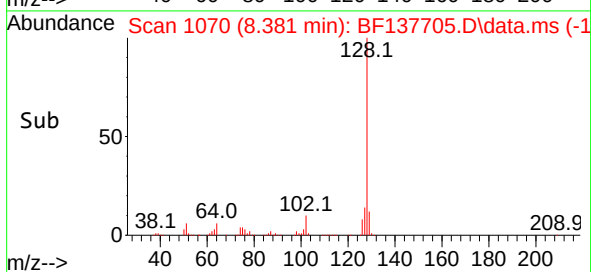
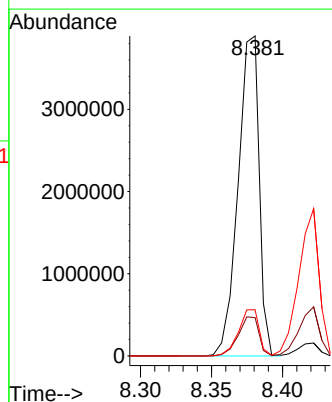
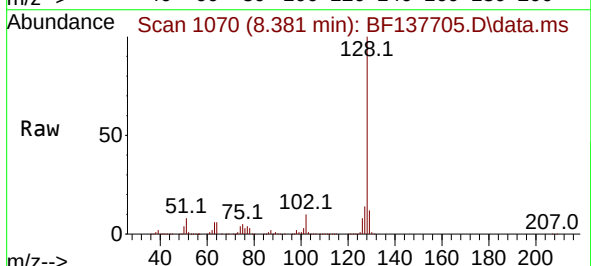
APPROVED

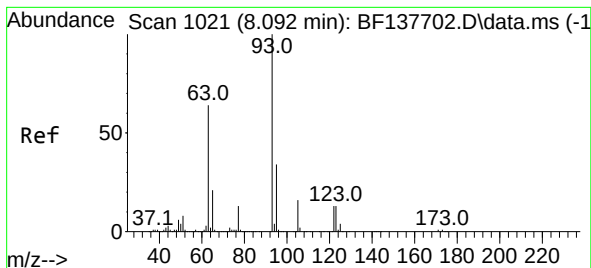
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#31
Naphthalene
Concen: 69.007 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:128 Resp: 4028282
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 14.4 11.0 16.6





#32

Benzoic acid

Concen: 87.691 ng

RT: 8.134 min Scan# 1021

Delta R.T. 0.042 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 1070279

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

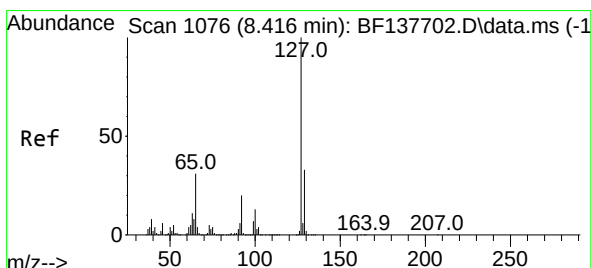
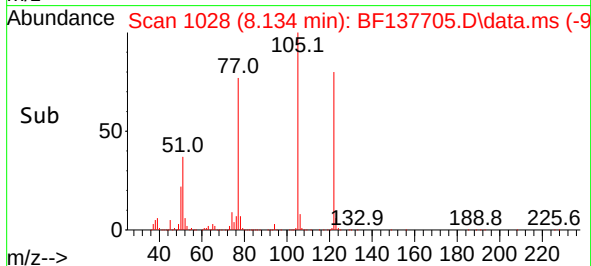
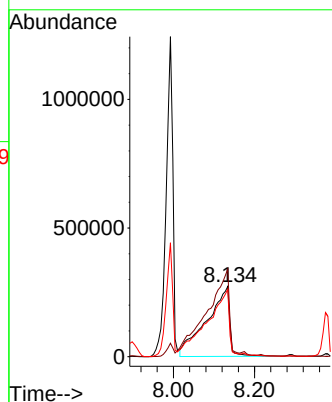
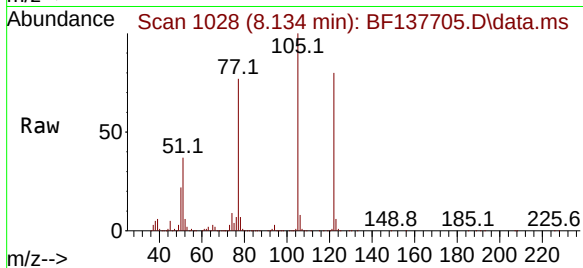
77 96.3 75.7 115.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#33

4-Chloroaniline

Concen: 71.721 ng

RT: 8.422 min Scan# 1077

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Tgt Ion:127 Resp: 1772106

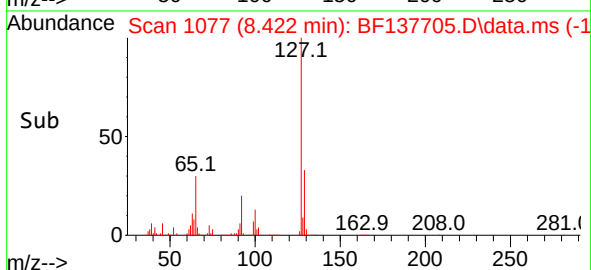
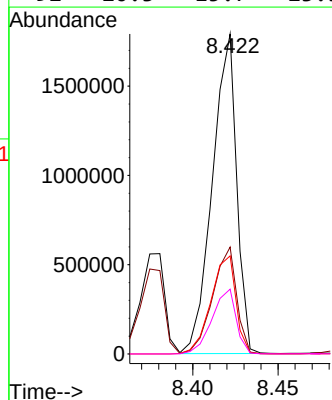
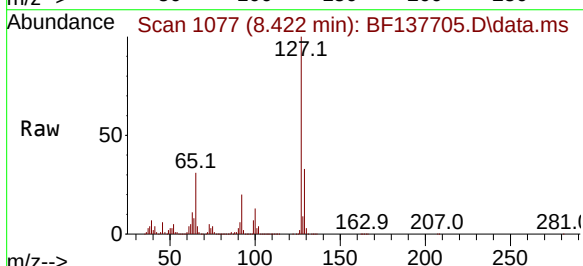
Ion Ratio Lower Upper

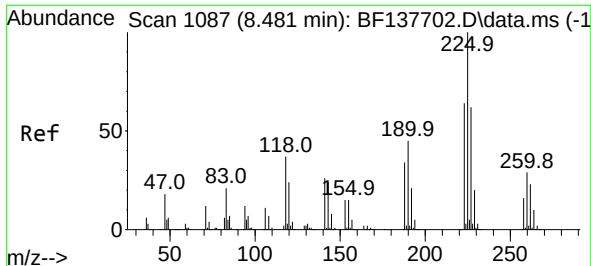
127 100

129 33.4 26.4 39.6

65 30.7 24.6 36.8

92 20.3 15.7 23.5





#34
Hexachlorobutadiene
Concen: 73.803 ng
RT: 8.487 min Scan# 1087
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

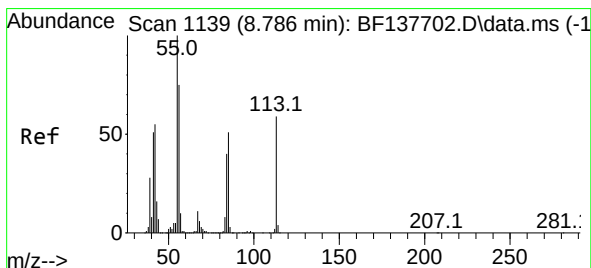
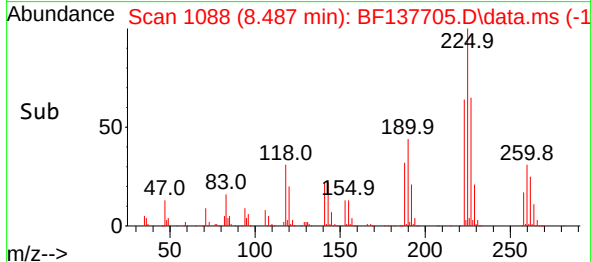
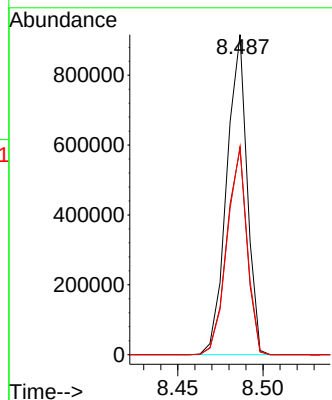
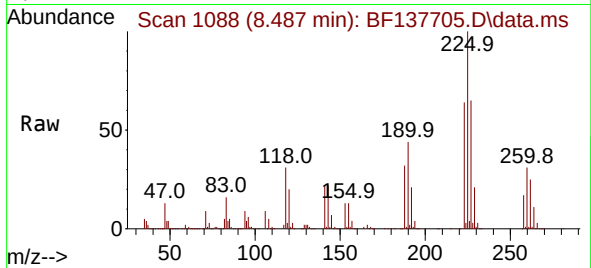
SSTDICC080

Tgt Ion:225 Resp: 761852
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 65.0 49.4 74.2

Manual Integrations

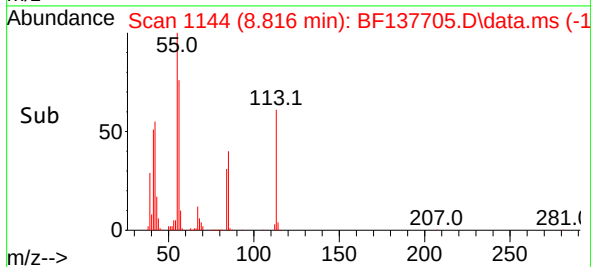
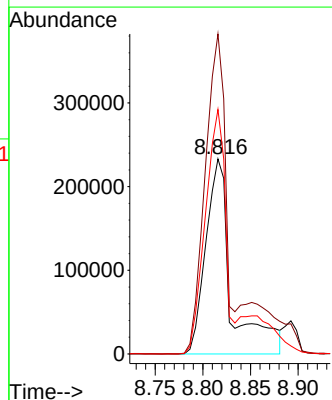
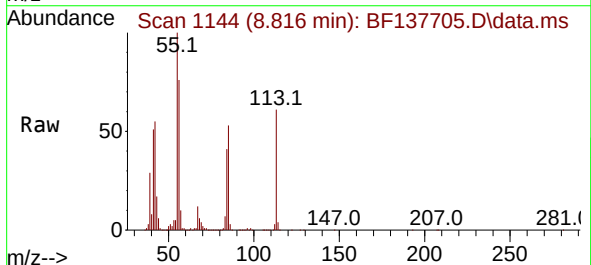
APPROVED

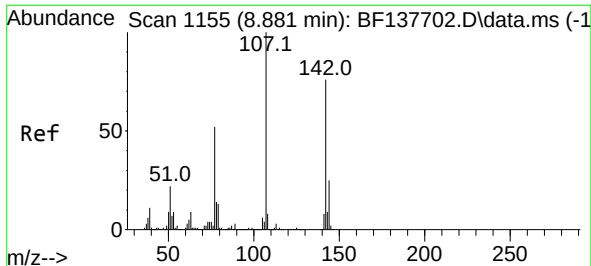
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#35
Caprolactam
Concen: 79.683 ng m
RT: 8.816 min Scan# 1144
Delta R.T. 0.030 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:113 Resp: 435214
Ion Ratio Lower Upper
113 100
55 164.1 148.7 188.7
56 125.4 107.2 147.2





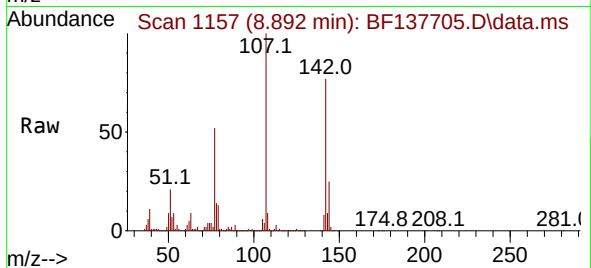
#36
4-Chloro-3-methylphenol
Concen: 76.053 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



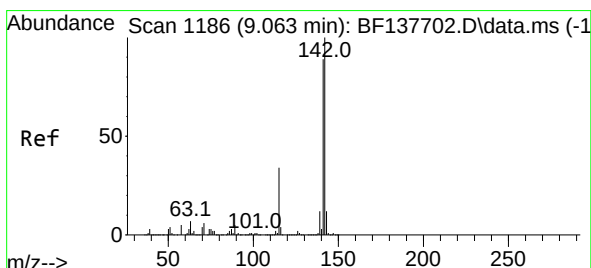
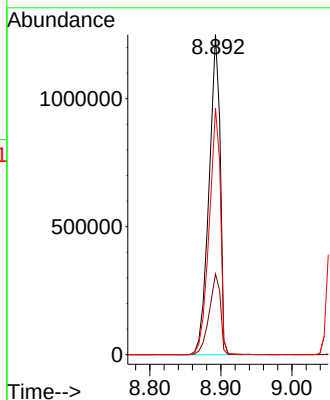
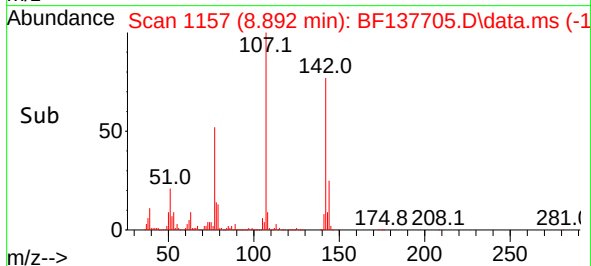
Tgt Ion:107 Resp: 1362690
Ion Ratio Lower Upper
107 100
144 25.2 19.8 29.8
142 77.0 60.5 90.7

Manual Integrations

APPROVED

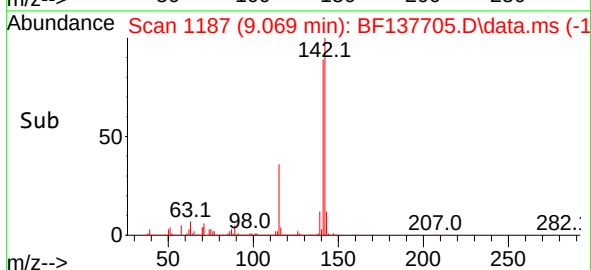
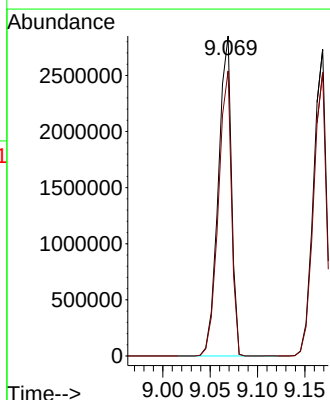
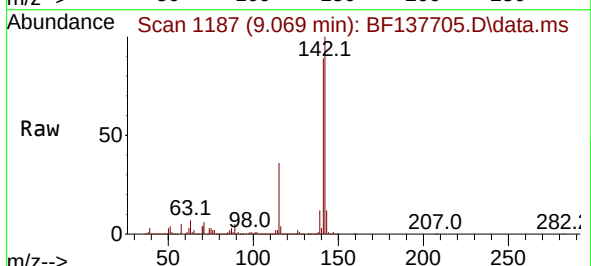
Reviewed By :Yogesh Patel 04/26/2024

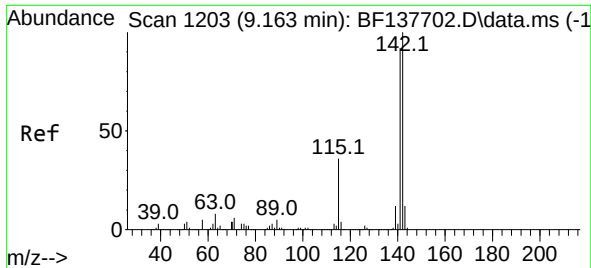
Supervised By :mohammad ahmed 04/27/2024



#37
2-Methylnaphthalene
Concen: 68.947 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:142 Resp: 2762447
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8





#38
1-Methylnaphthalene
Concen: 68.831 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

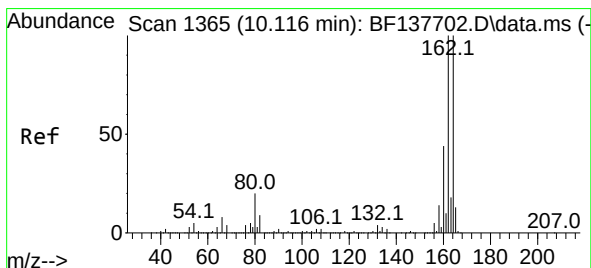
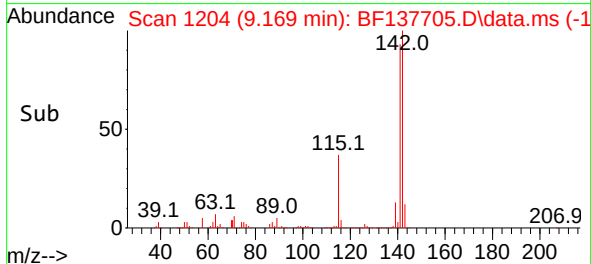
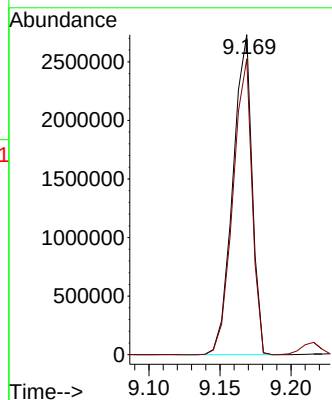
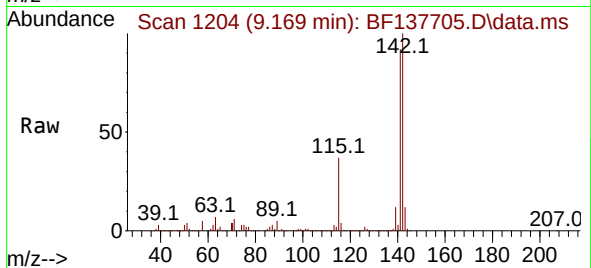
SSTDICC080

Tgt Ion:142 Resp: 257842
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0

Manual Integrations

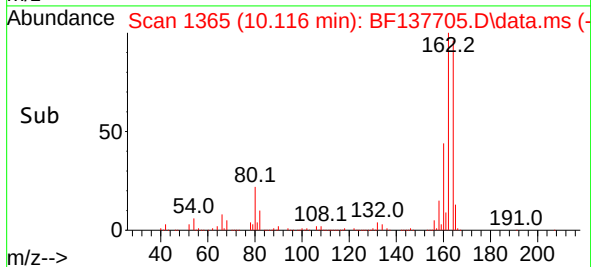
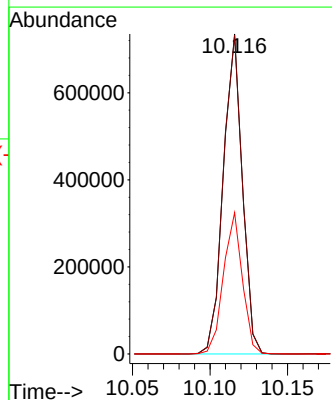
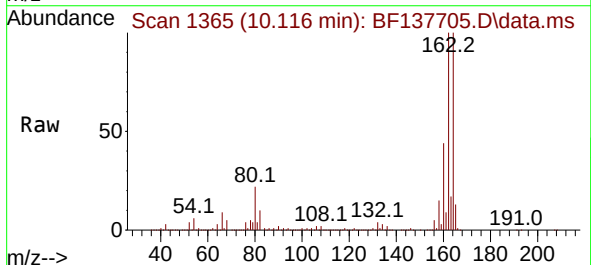
APPROVED

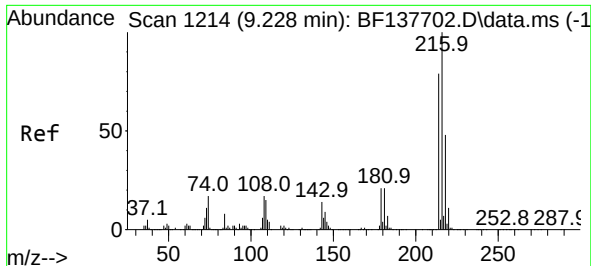
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

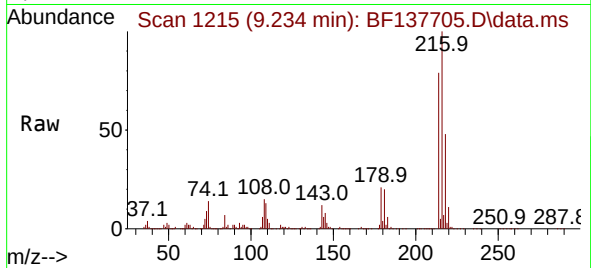
Tgt Ion:164 Resp: 626429
Ion Ratio Lower Upper
164 100
162 99.6 80.3 120.5
160 44.1 35.0 52.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.649 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

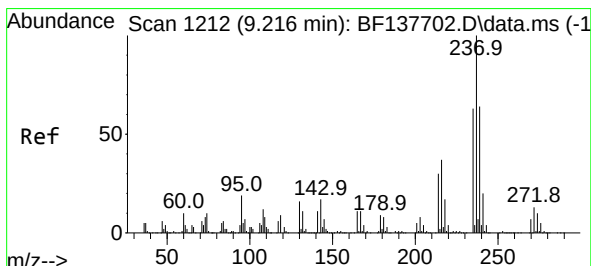
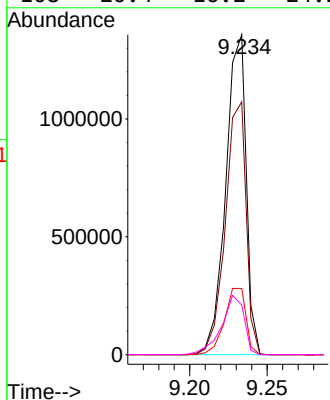
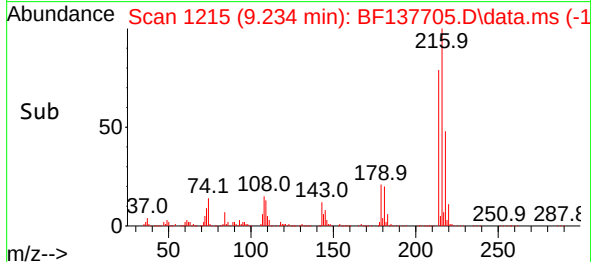
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



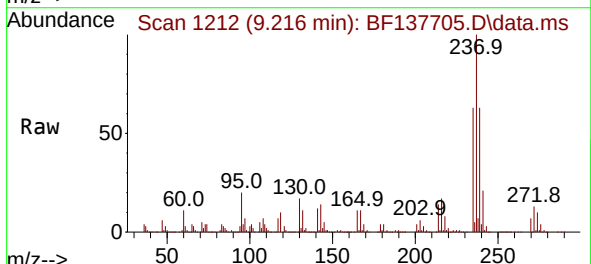
Tgt Ion:216 Resp: 1247652
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 21.7 17.1 25.7
108 20.4 16.2 24.2

Manual Integrations
APPROVED

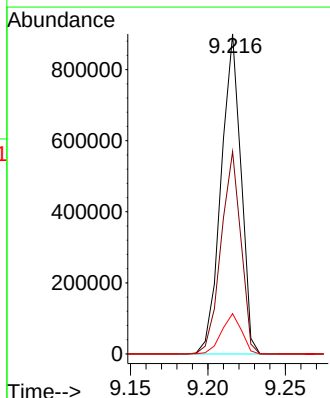
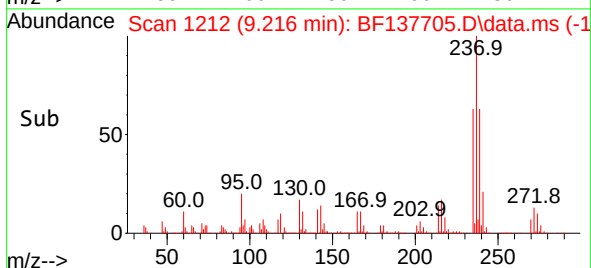
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

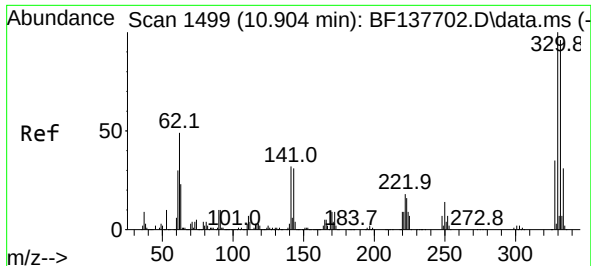


#41
Hexachlorocyclopentadiene
Concen: 83.436 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion:237 Resp: 802878
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.6 0.0 33.1





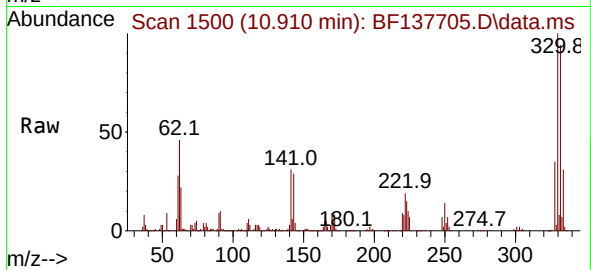
#42
2,4,6-Tribromophenol
Concen: 148.545 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



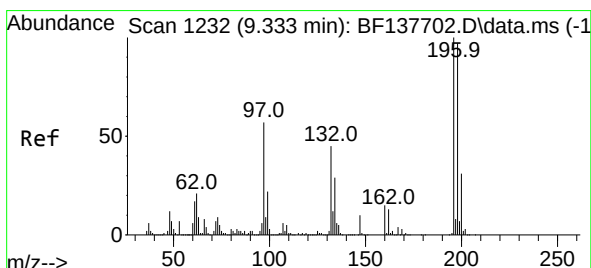
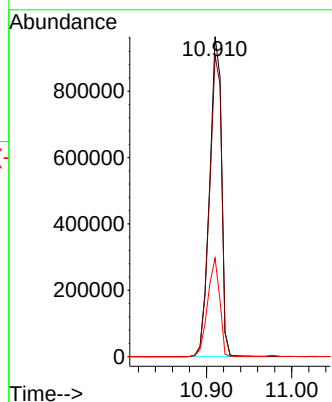
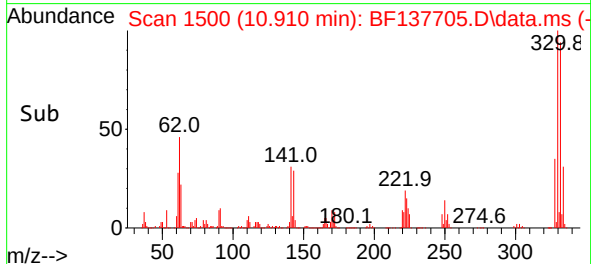
Tgt Ion:330 Resp: 938974
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 31.1 27.0 40.4

Manual Integrations

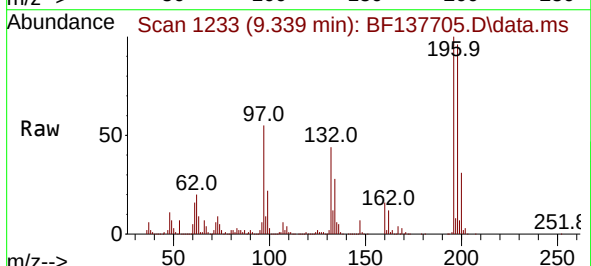
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

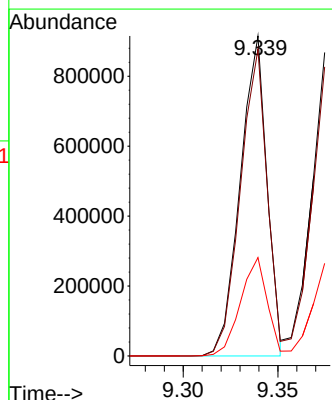
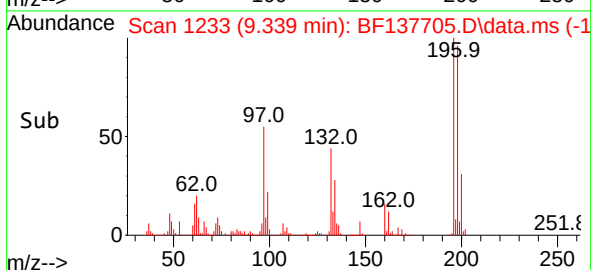
Supervised By :mohammad ahmed 04/27/2024

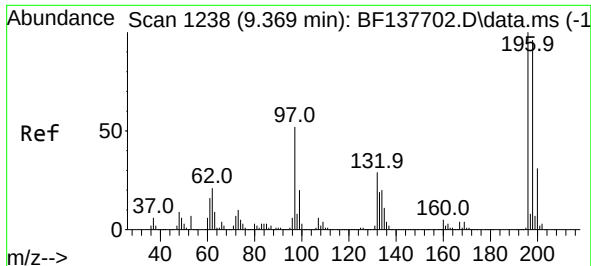


#43
2,4,6-Trichlorophenol
Concen: 74.550 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion:196 Resp: 898171
Ion Ratio Lower Upper
196 100
198 95.9 77.8 116.6
200 30.7 25.0 37.4





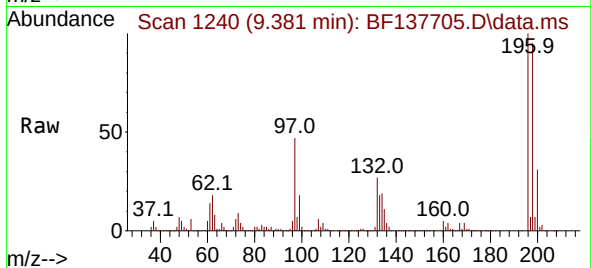
#44
2,4,5-Trichlorophenol
Concen: 76.102 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



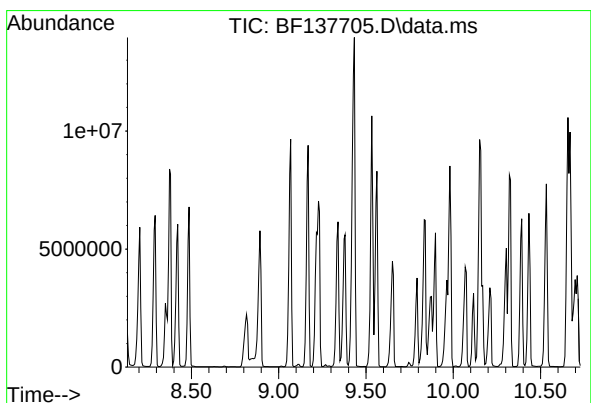
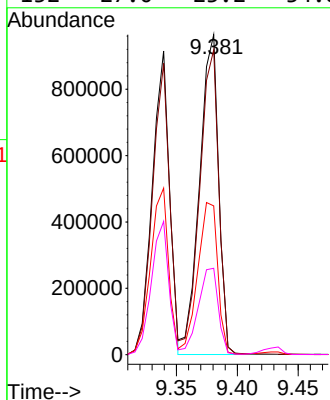
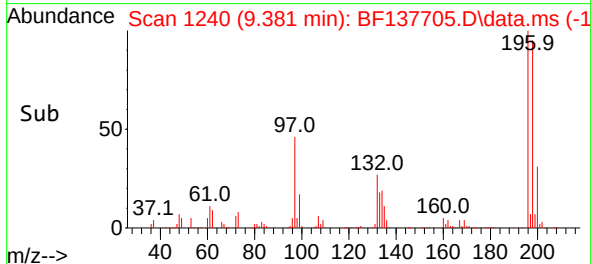
Tgt Ion:196 Resp: 105077
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
97 46.5 41.8 62.8
132 27.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

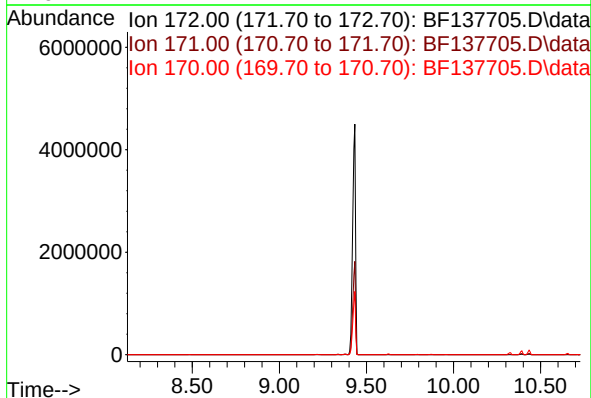
Supervised By :mohammad ahmed 04/27/2024

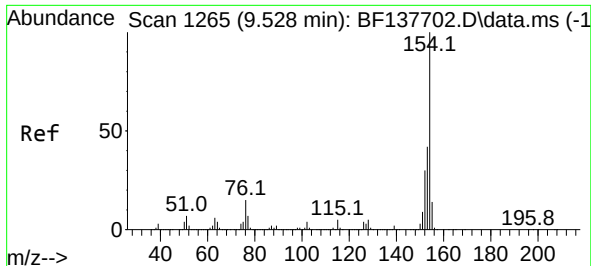


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.43 min

Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.8
170 25.3





#46

1,1'-Biphenyl

Concen: 68.921 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 3140810

Ion Ratio Lower Upper

154 100

153 43.5 21.9 61.9

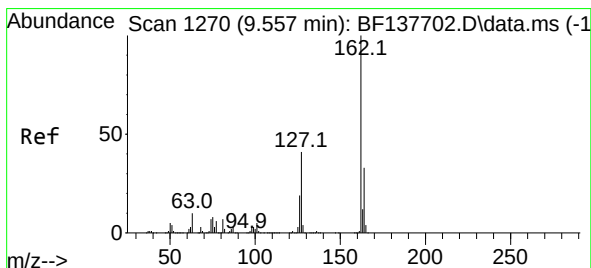
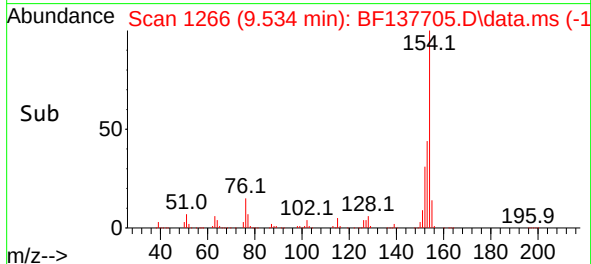
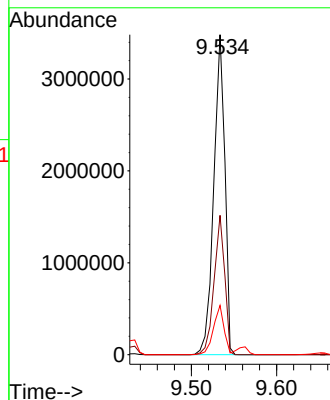
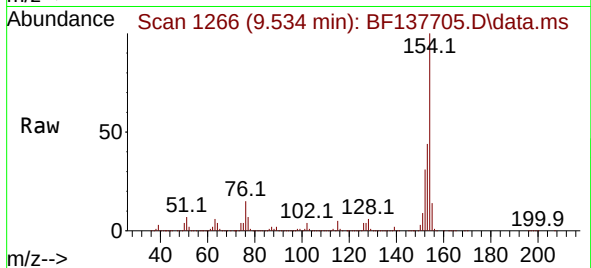
76 15.4 0.0 35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#47

2-Chloronaphthalene

Concen: 72.131 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

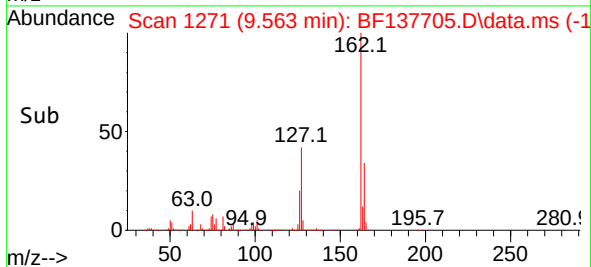
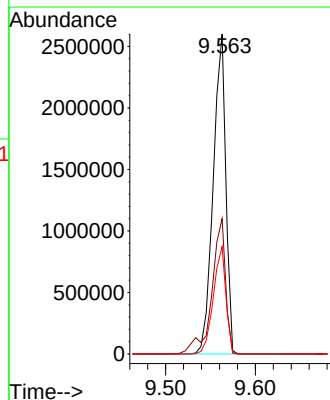
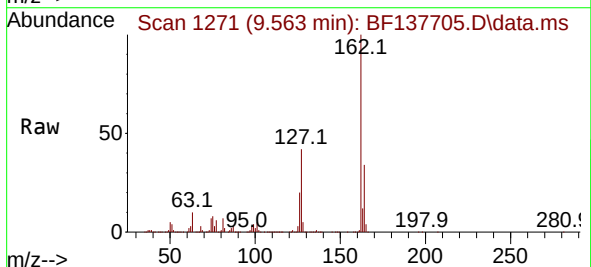
Tgt Ion:162 Resp: 2533883

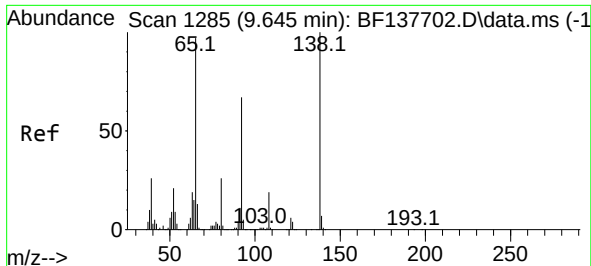
Ion Ratio Lower Upper

162 100

127 42.3 33.1 49.7

164 33.5 26.5 39.7





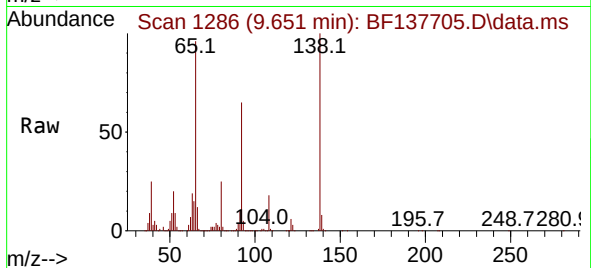
#48
2-Nitroaniline
Concen: 82.487 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

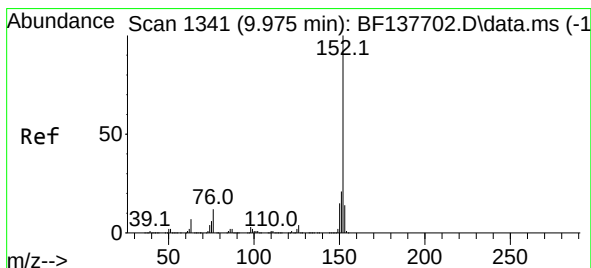
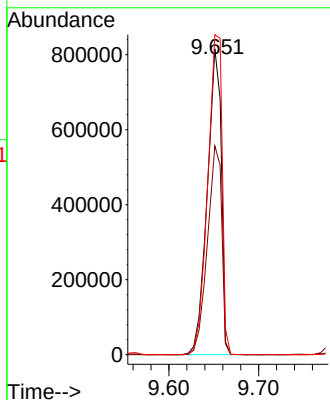
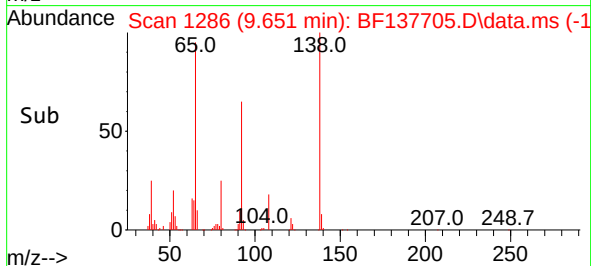


Tgt Ion: 65 Resp: 882998
Ion Ratio Lower Upper
65 100
92 68.2 54.9 82.3
138 104.6 82.4 123.6

Manual Integrations

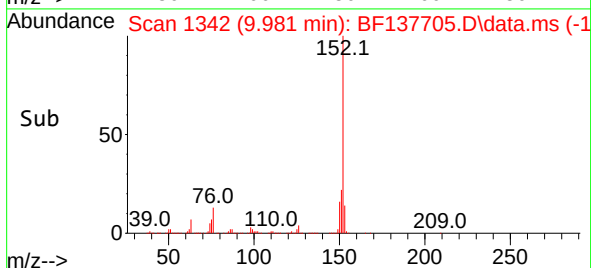
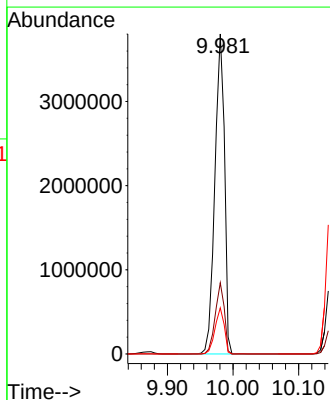
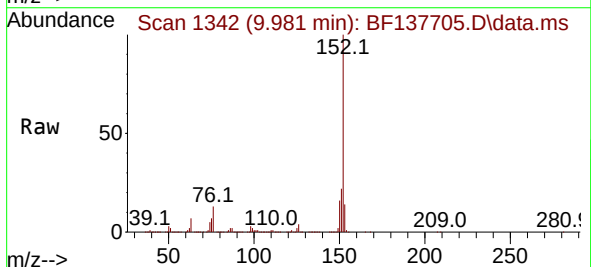
APPROVED

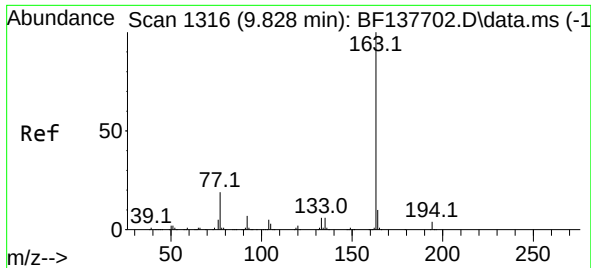
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#49
Acenaphthylene
Concen: 70.671 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:152 Resp: 3871544
Ion Ratio Lower Upper
152 100
151 22.2 16.8 25.2
153 14.4 11.0 16.4





#50
Dimethylphthalate
Concen: 73.461 ng
RT: 9.839 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

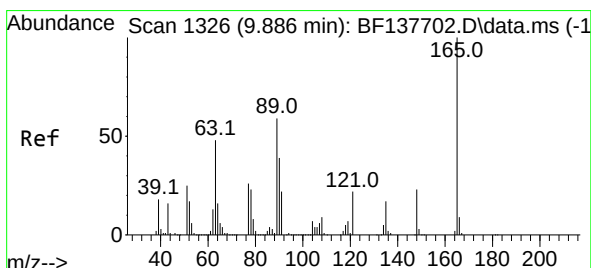
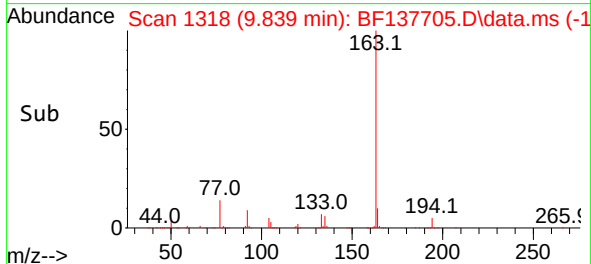
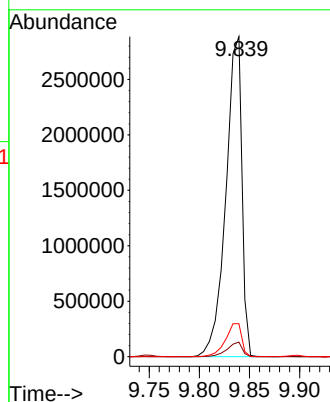
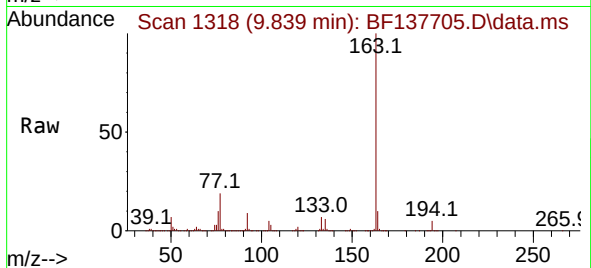
Tgt Ion:163 Resp: 320618
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.3 8.2 12.2

Manual Integrations

APPROVED

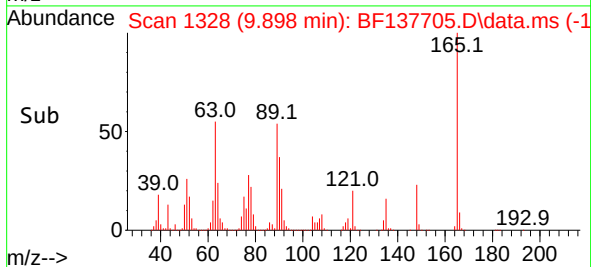
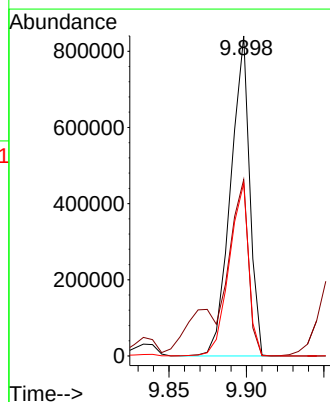
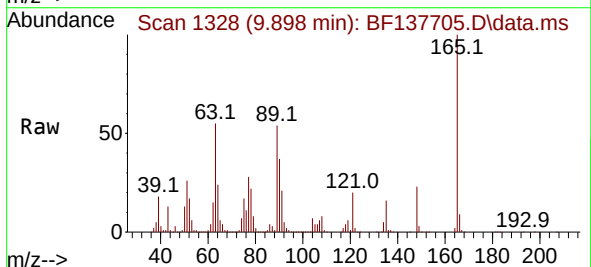
Reviewed By :Yogesh Patel 04/26/2024

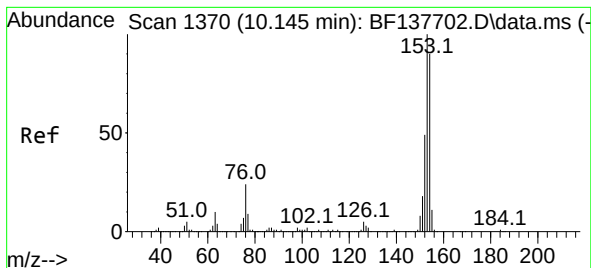
Supervised By :mohammad ahmed 04/27/2024



#51
2,6-Dinitrotoluene
Concen: 78.258 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:165 Resp: 719647
Ion Ratio Lower Upper
165 100
63 55.1 47.7 71.5
89 54.0 47.3 70.9





#52

Acenaphthene

Concen: 71.264 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 2527928

Ion Ratio Lower Upper

154 100

153 112.6 88.5 132.7

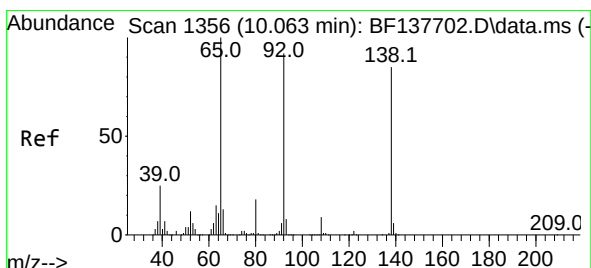
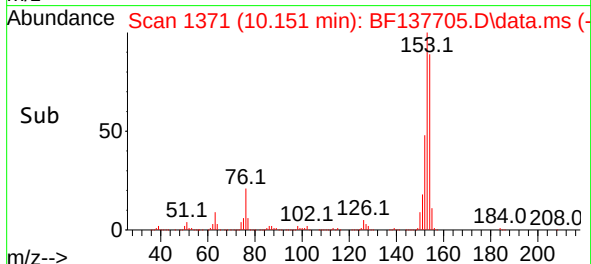
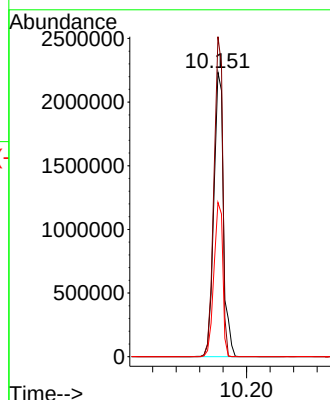
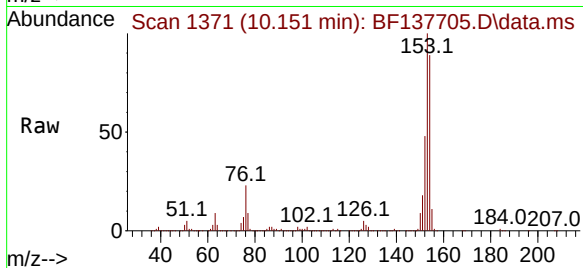
152 54.3 43.3 64.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#53

3-Nitroaniline

Concen: 78.733 ng

RT: 10.075 min Scan# 1358

Delta R.T. 0.012 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

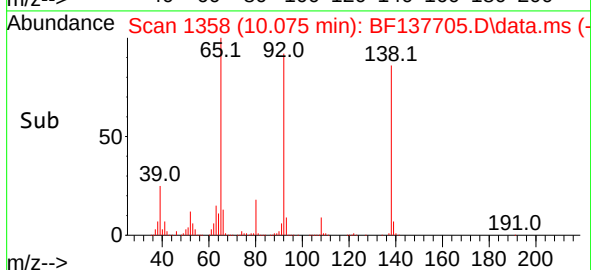
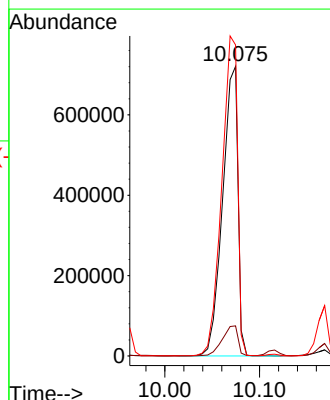
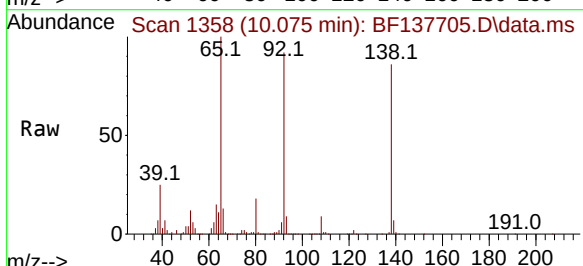
Tgt Ion:138 Resp: 813635

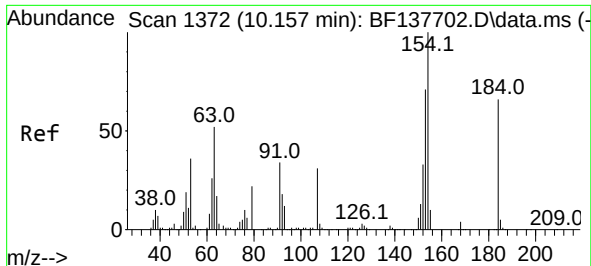
Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

92 107.4 86.9 130.3





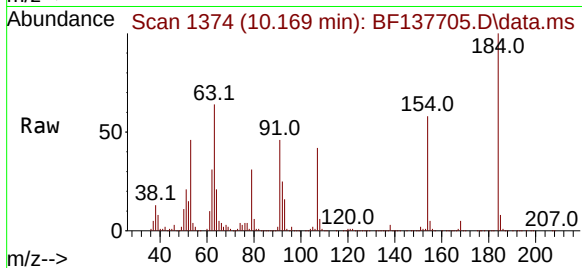
#54
2,4-Dinitrophenol
Concen: 80.100 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

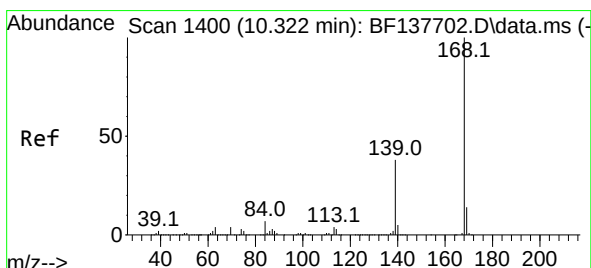
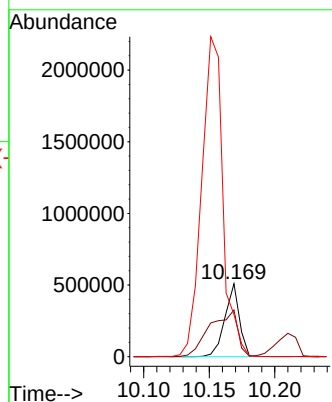
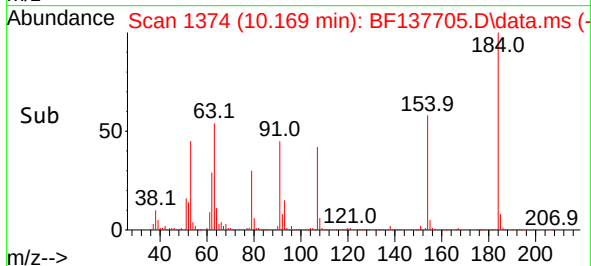


Tgt Ion:184 Resp: 39139
Ion Ratio Lower Upper
184 100
63 64.1 63.5 95.3
154 57.9 123.0 184.6

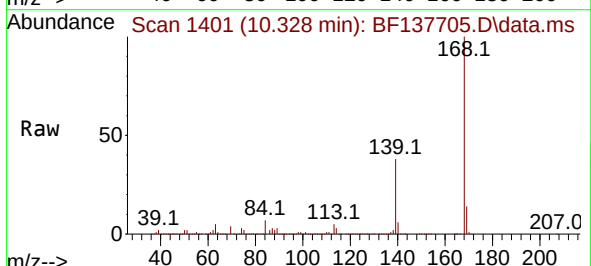
Manual Integrations

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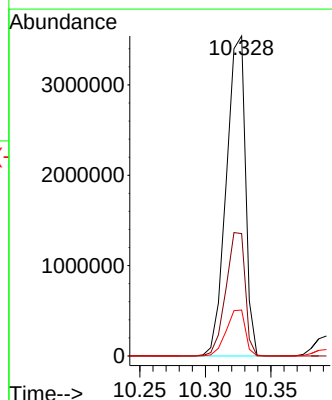
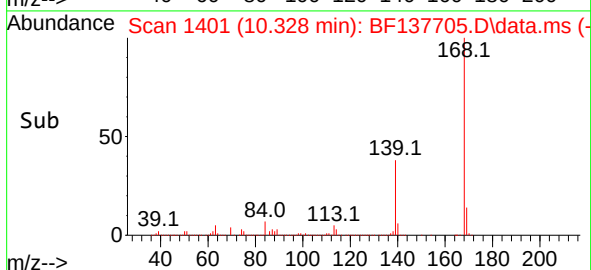
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

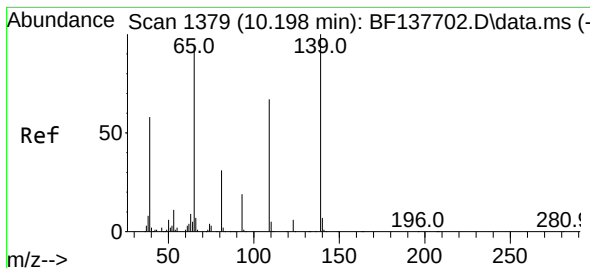


#55
Dibenzofuran
Concen: 68.979 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



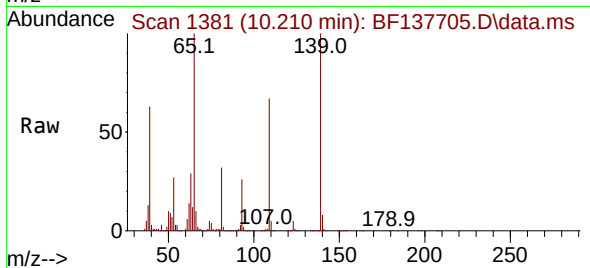
Tgt Ion:168 Resp: 3586760
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 14.3 10.9 16.3





#56
4-Nitrophenol
Concen: 79.877 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

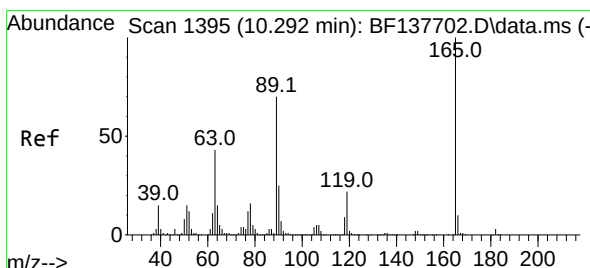
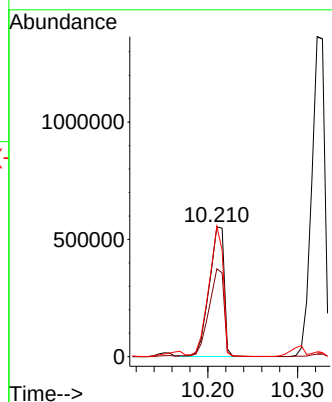
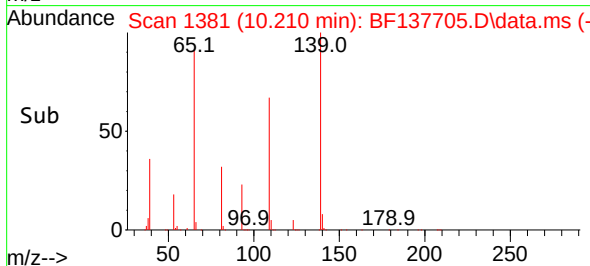
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 64193
Ion Ratio Lower Upper
139 100
109 67.6 46.9 86.9
65 100.4 75.8 115.8

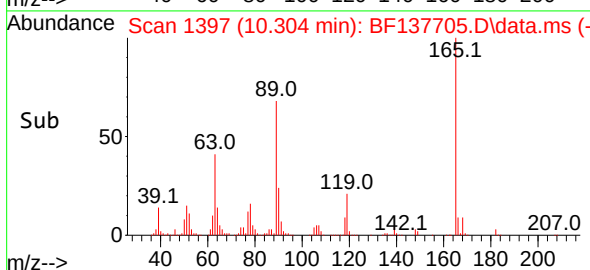
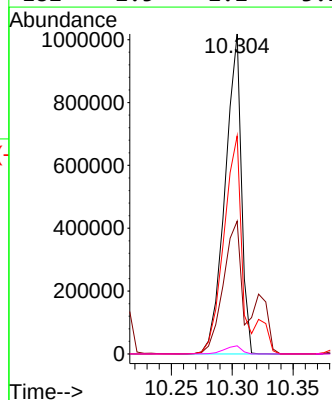
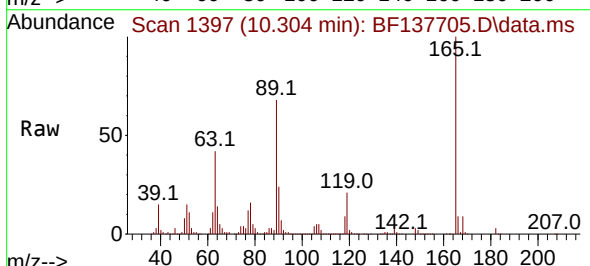
Manual Integrations
APPROVED

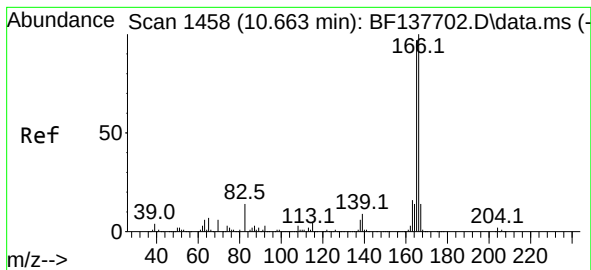
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#57
2,4-Dinitrotoluene
Concen: 81.968 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

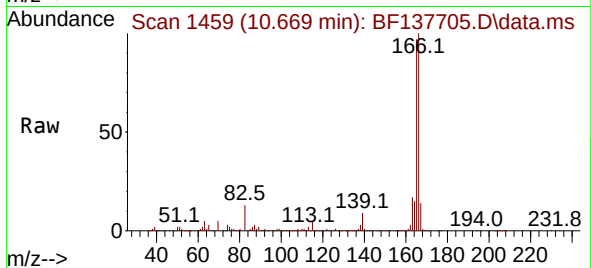
Tgt Ion:165 Resp: 950260
Ion Ratio Lower Upper
165 100
63 41.5 34.1 51.1
89 68.1 56.4 84.6
182 2.5 2.2 3.2





#58
Fluorene
Concen: 68.418 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

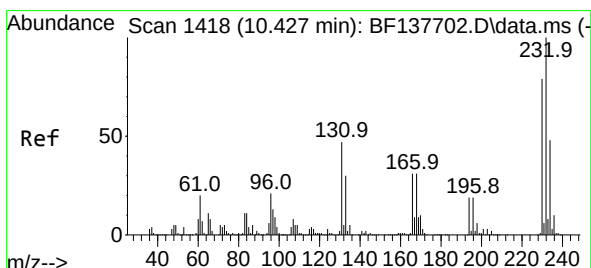
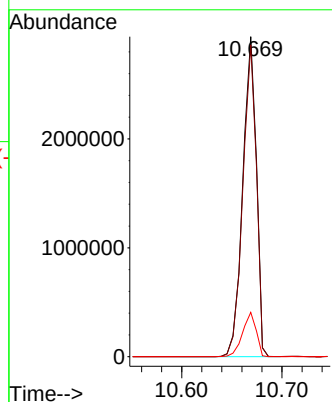
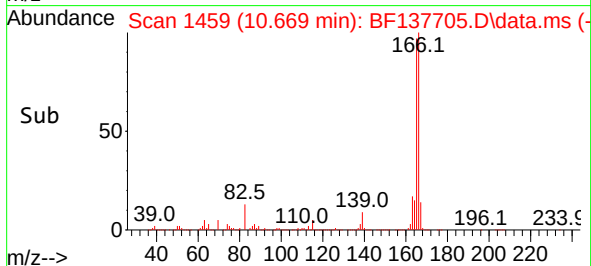
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 277977
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.6
167 13.9 10.8 16.2

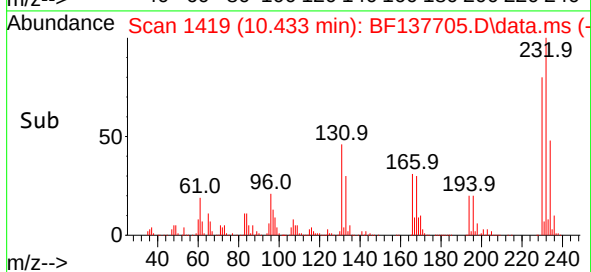
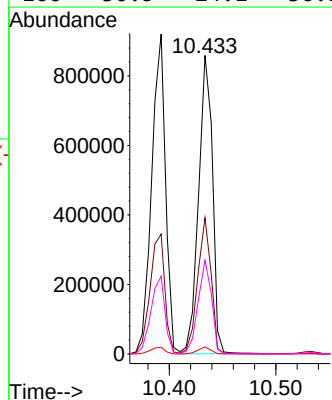
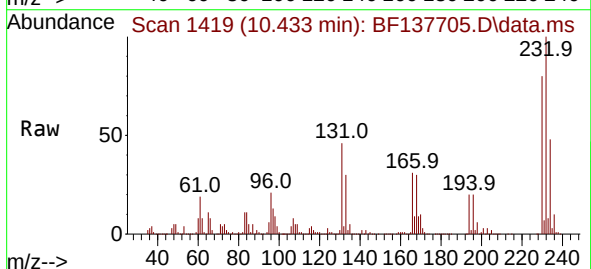
Manual Integrations
APPROVED

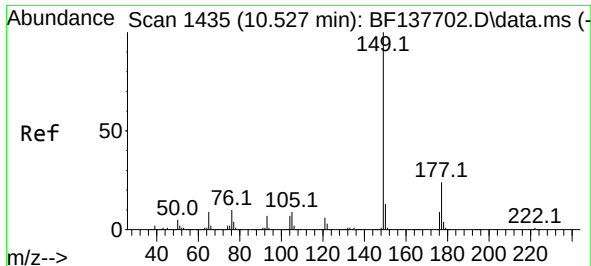
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 72.968 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:232 Resp: 780135
Ion Ratio Lower Upper
232 100
131 44.3 36.4 54.6
130 2.2 1.8 2.6
166 30.5 24.1 36.1





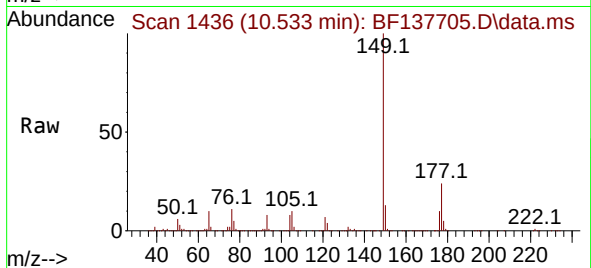
#60
Diethylphthalate
Concen: 70.651 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



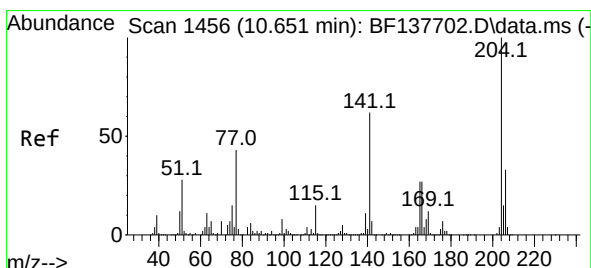
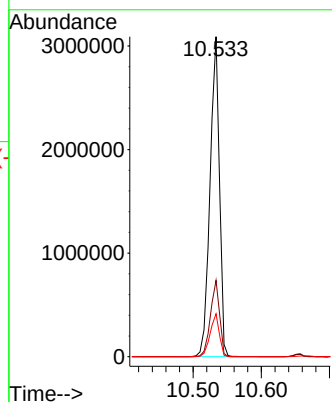
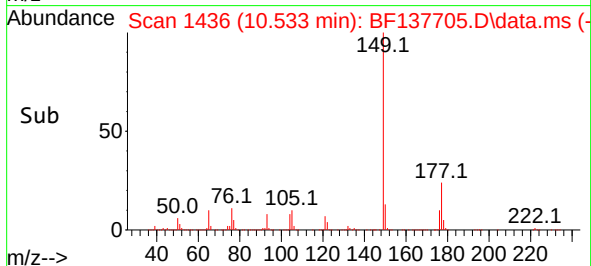
Tgt Ion:149 Resp: 296581
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.4
150 13.4 10.2 15.2

Manual Integrations

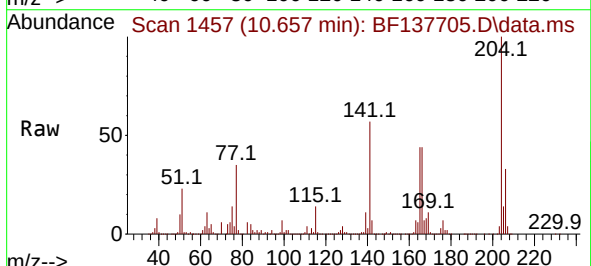
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

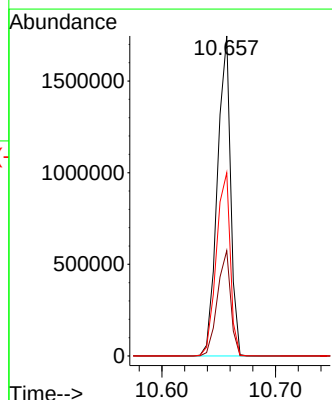
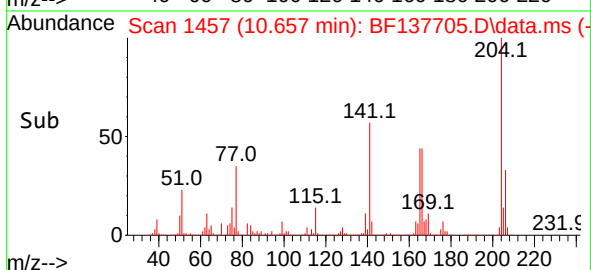
Supervised By :mohammad ahmed 04/27/2024

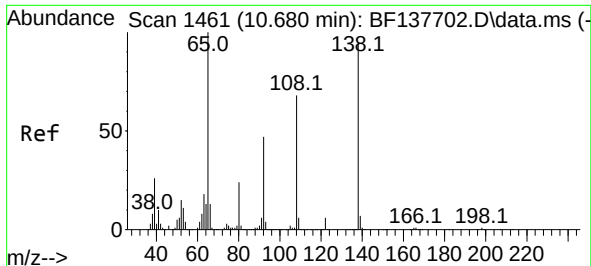


#61
4-Chlorophenyl-phenylether
Concen: 70.362 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion:204 Resp: 1412549
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 57.3 49.4 74.2





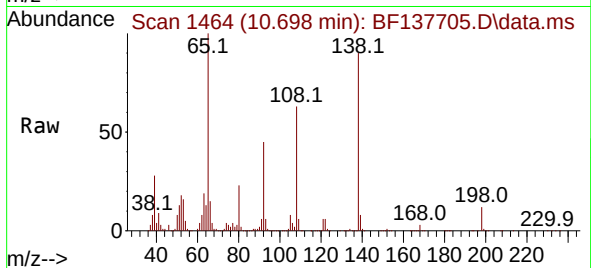
#62
4-Nitroaniline
Concen: 78.579 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



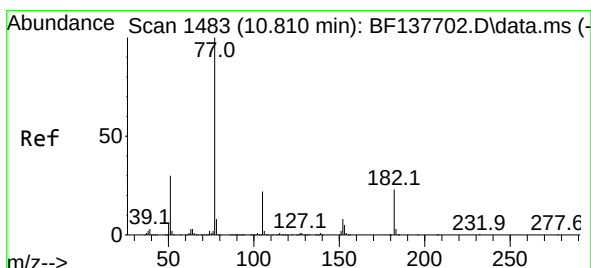
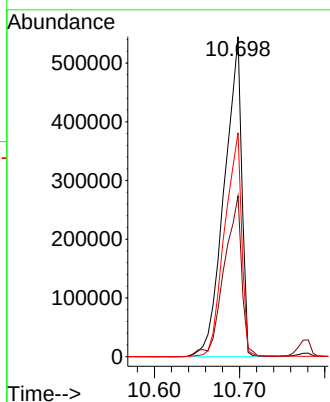
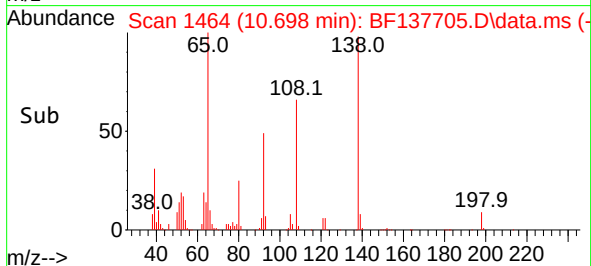
Tgt Ion:138 Resp: 77345
Ion Ratio Lower Upper
138 100
92 50.2 29.8 69.8
108 70.0 51.1 91.1

Manual Integrations

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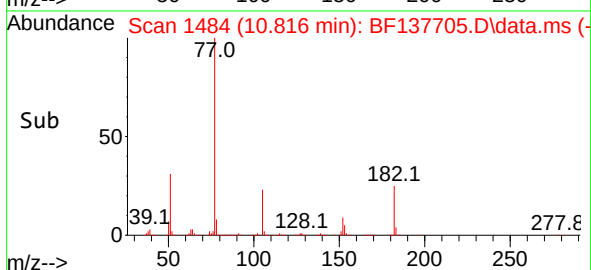
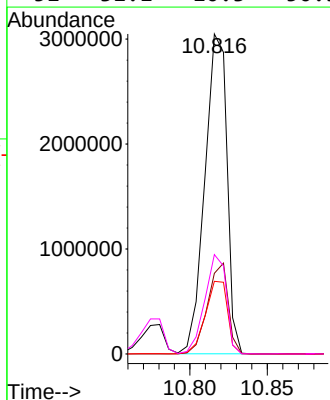
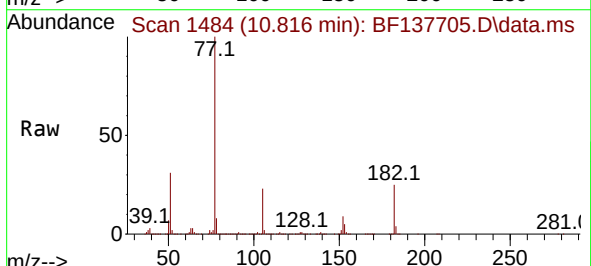
Reviewed By :Yogesh Patel 04/26/2024

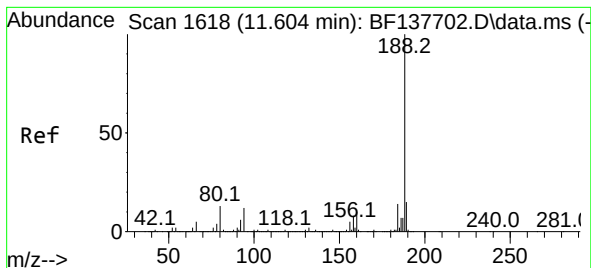
Supervised By :mohammad ahmed 04/27/2024



#63
Azobenzene
Concen: 70.279 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion: 77 Resp: 3023164
Ion Ratio Lower Upper
77 100
182 25.2 3.1 43.1
105 22.7 1.6 41.6
51 31.1 10.3 50.3





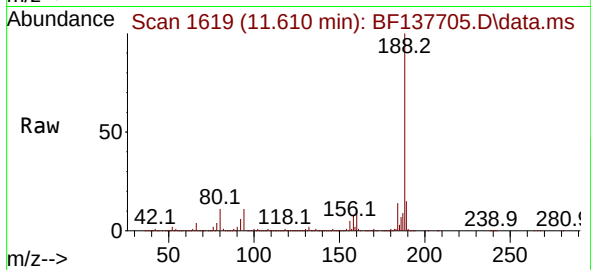
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



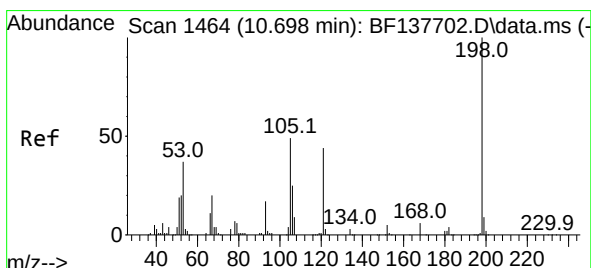
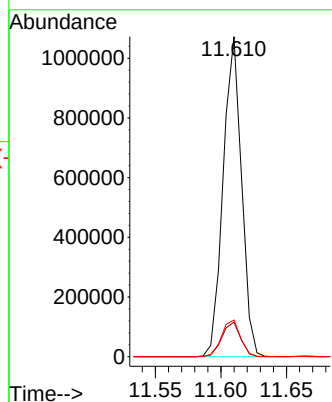
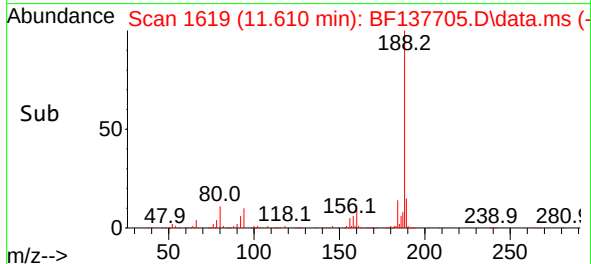
Tgt Ion:188 Resp: 104240
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.4 10.2 15.4

Manual Integrations

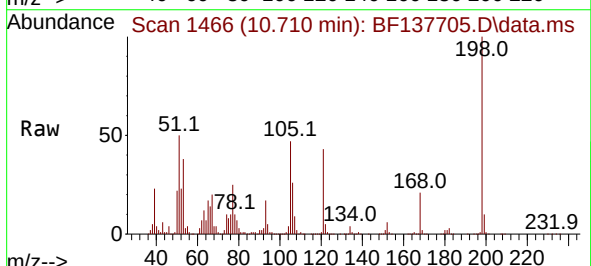
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

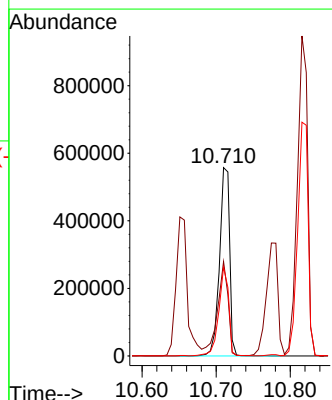
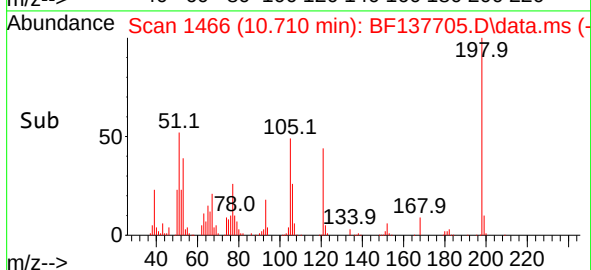
Supervised By :mohammad ahmed 04/27/2024

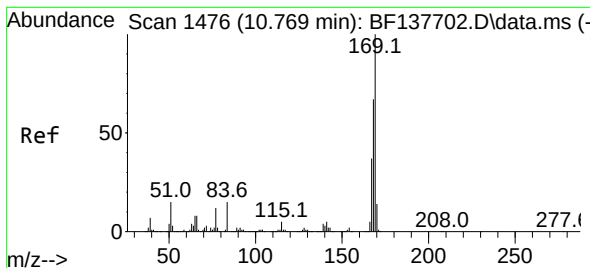


#65
4,6-Dinitro-2-methylphenol
Concen: 88.470 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



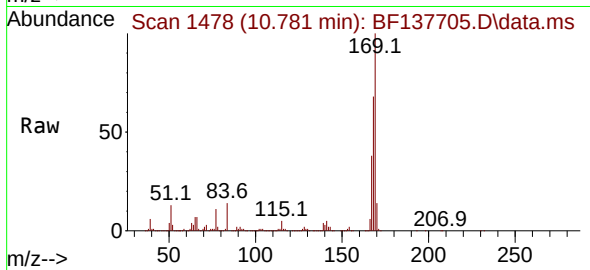
Tgt Ion:198 Resp: 528765
Ion Ratio Lower Upper
198 100
51 50.1 33.5 73.5
105 47.2 29.3 69.3





#66
n-Nitrosodiphenylamine
Concen: 71.700 ng
RT: 10.781 min Scan# 1476
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

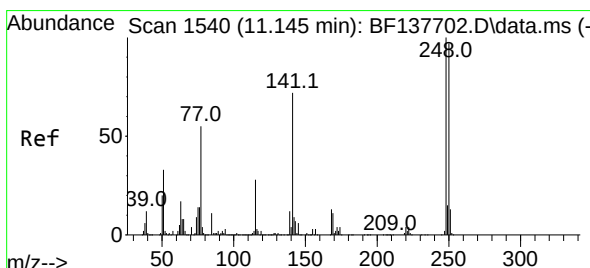
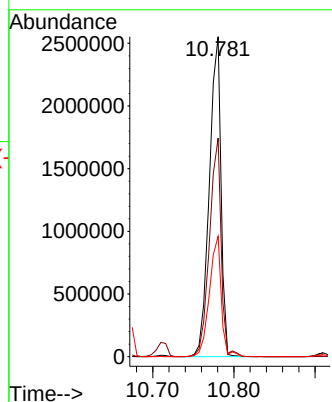
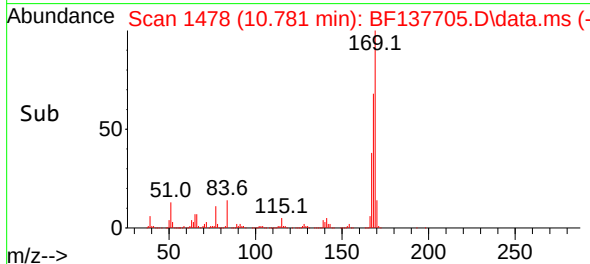
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 2531360
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.2
167 37.6 29.6 44.4

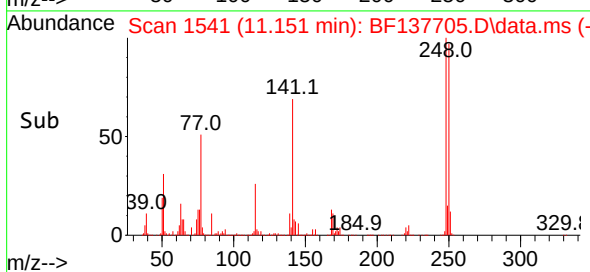
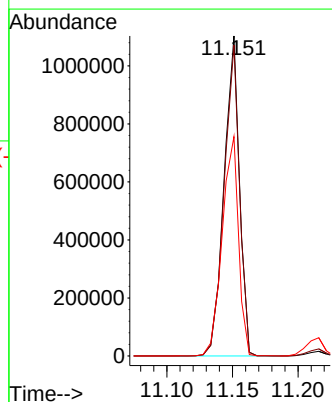
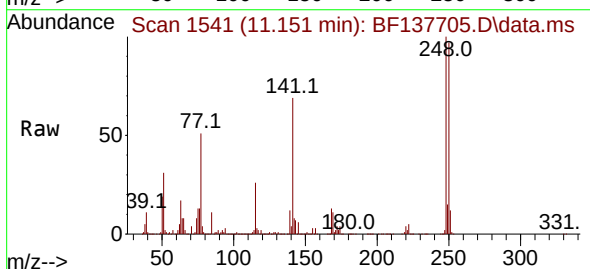
Manual Integrations
APPROVED

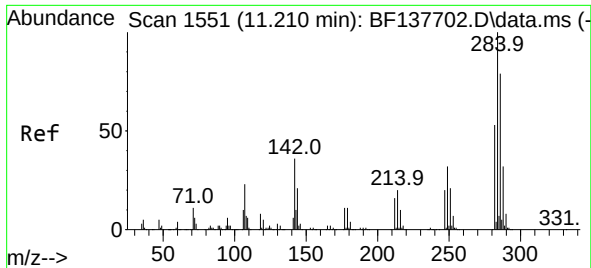
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#67
4-Bromophenyl-phenylether
Concen: 74.623 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:248 Resp: 901360
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 68.5 57.9 86.9





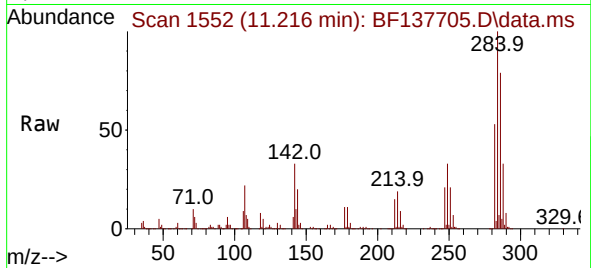
#68
Hexachlorobenzene
Concen: 74.770 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



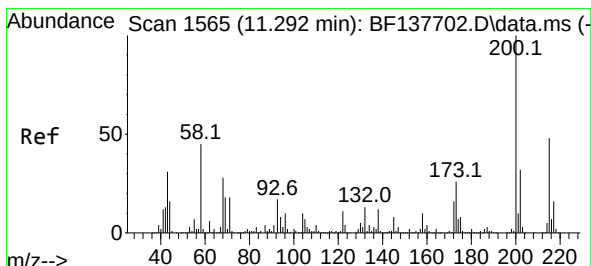
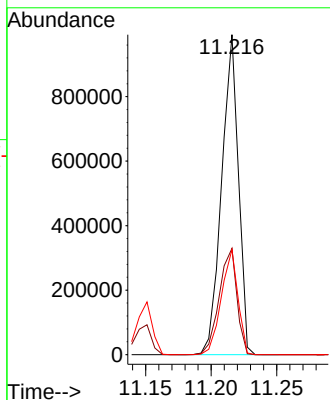
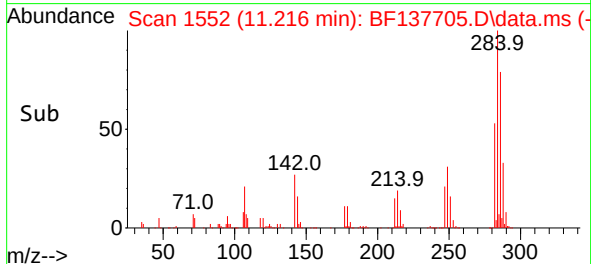
Tgt Ion:284 Resp: 879840
Ion Ratio Lower Upper
284 100
142 33.2 28.5 42.7
249 32.9 25.6 38.4

Manual Integrations

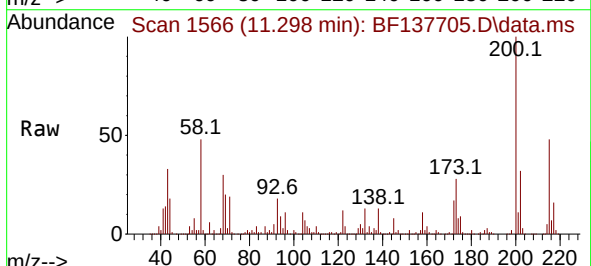
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

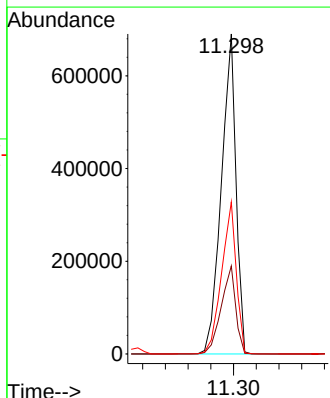
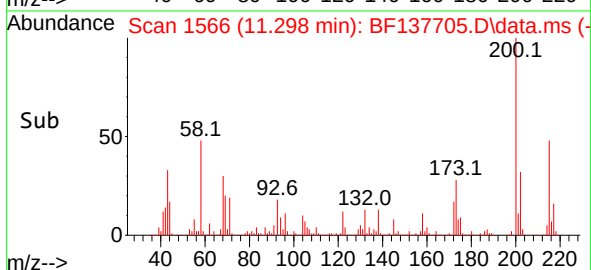
Supervised By :mohammad ahmed 04/27/2024

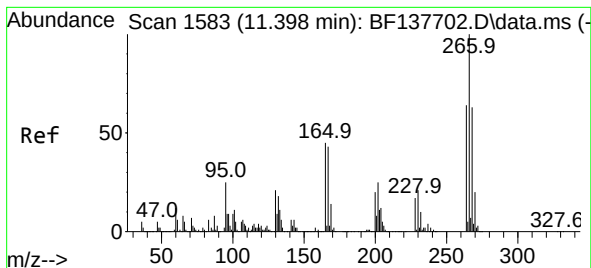


#69
Atrazine
Concen: 63.527 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion:200 Resp: 619987
Ion Ratio Lower Upper
200 100
173 27.5 6.3 46.3
215 47.5 28.0 68.0





#70

Pentachlorophenol

Concen: 74.591 ng

RT: 11.404 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:266 Resp: 66026

Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

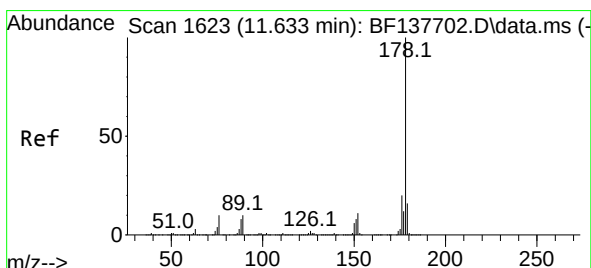
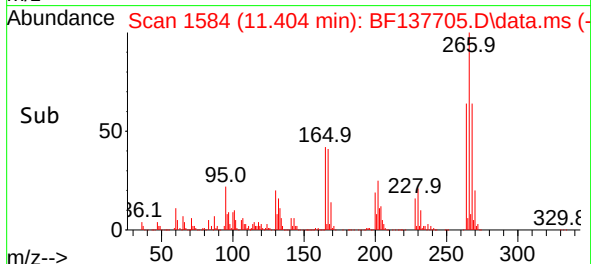
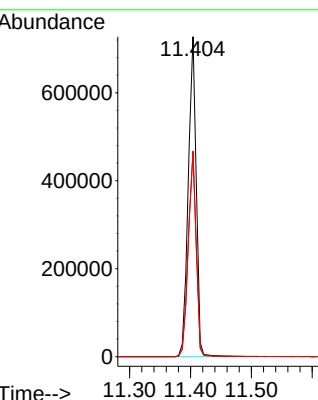
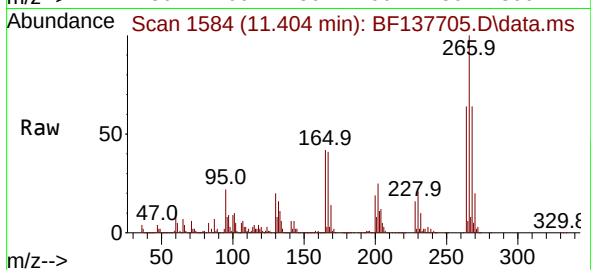
264 64.3 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#71

Phenanthrene

Concen: 68.041 ng

RT: 11.639 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

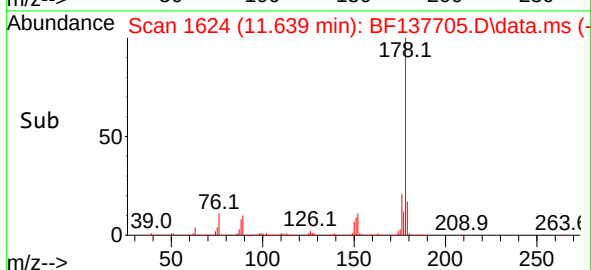
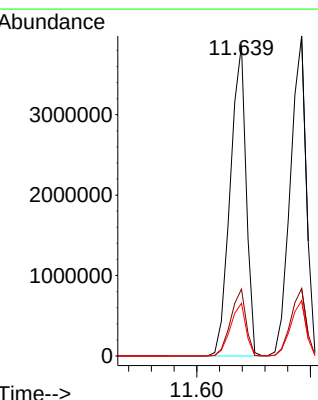
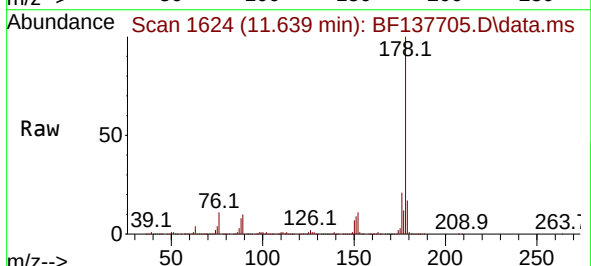
Tgt Ion:178 Resp: 3754517

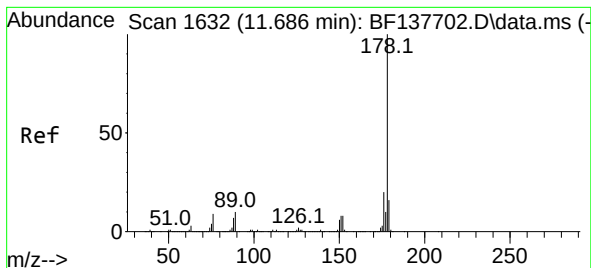
Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

179 16.9 12.8 19.2





#72

Anthracene

Concen: 68.210 ng

RT: 11.692 min Scan# 1633

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 3854090

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.8

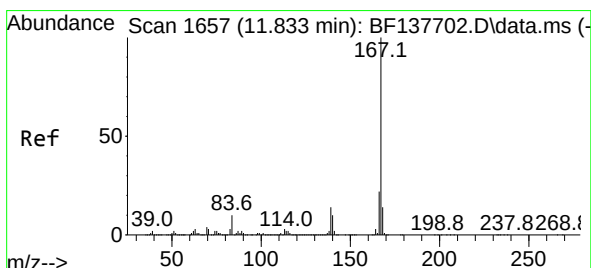
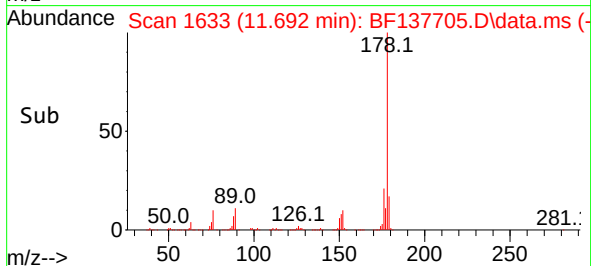
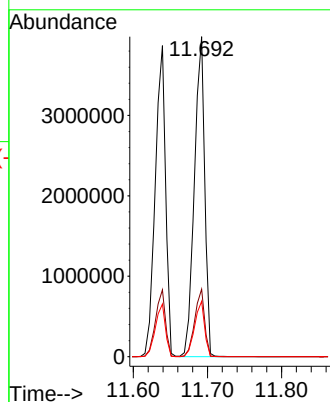
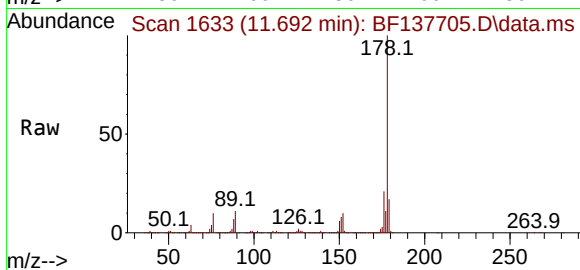
179 17.3 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#73

Carbazole

Concen: 69.315 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

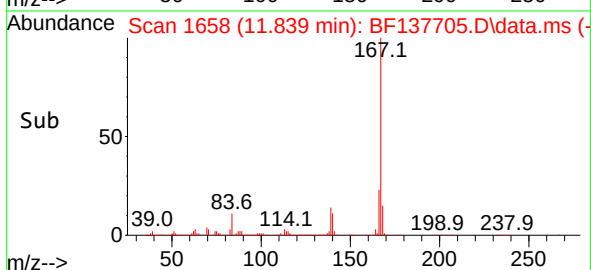
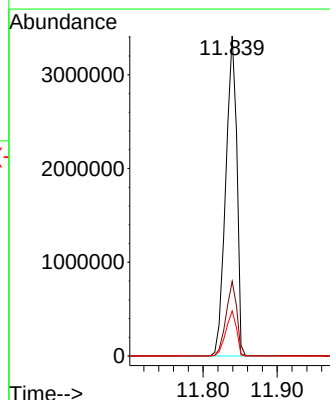
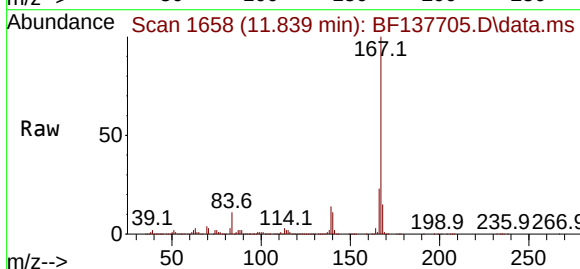
Tgt Ion:167 Resp: 3549445

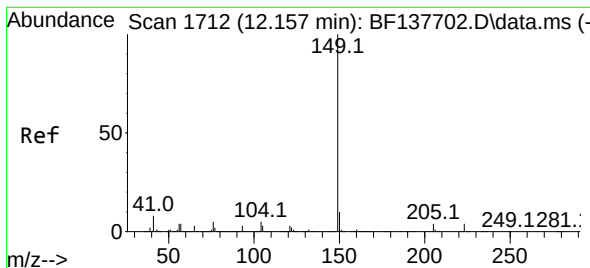
Ion Ratio Lower Upper

167 100

166 23.3 17.5 26.3

139 14.1 10.9 16.3





#74

Di-n-butylphthalate

Concen: 68.236 ng

RT: 12.163 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BF137705.D

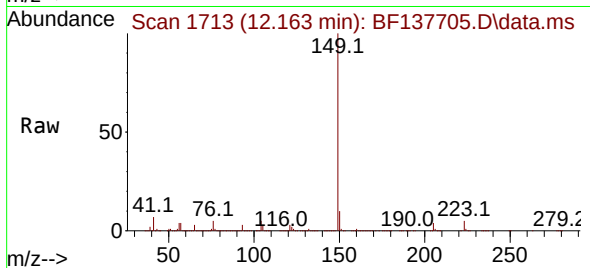
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:149 Resp: 425948

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

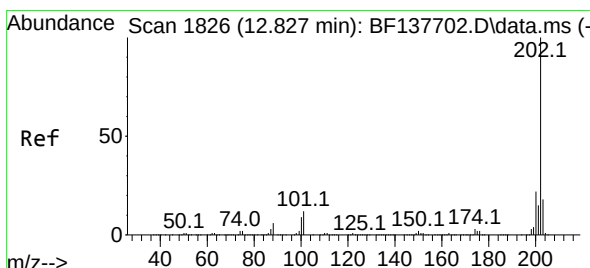
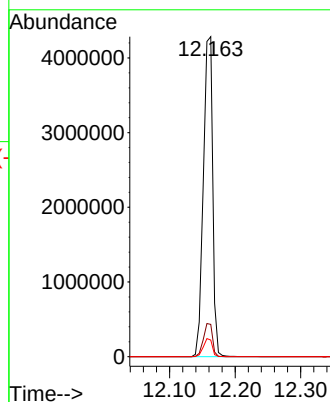
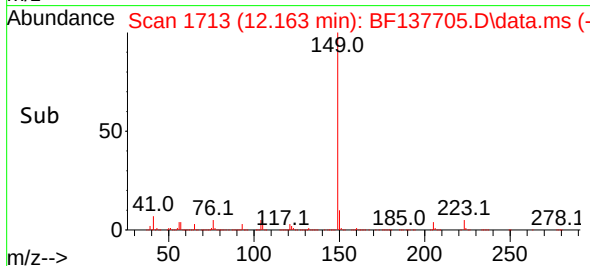
104 5.2 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#75

Fluoranthene

Concen: 66.953 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

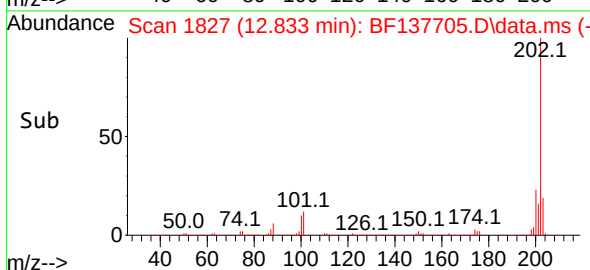
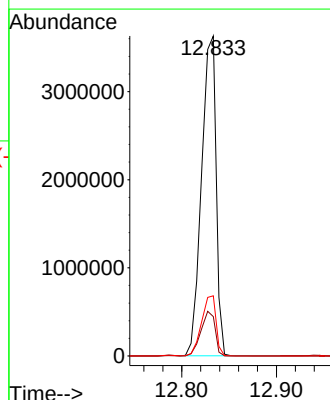
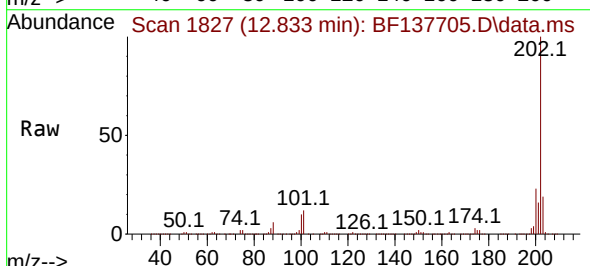
Tgt Ion:202 Resp: 3883280

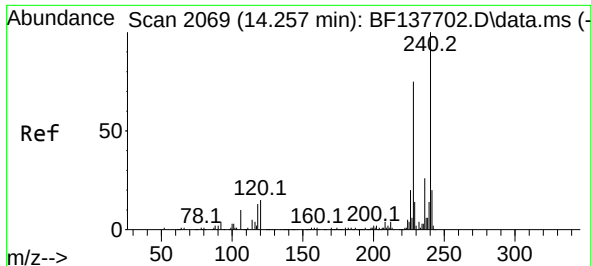
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.2

203 18.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.263 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

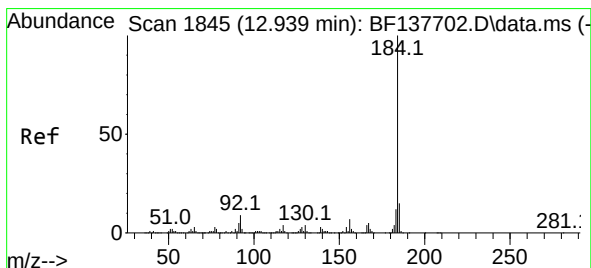
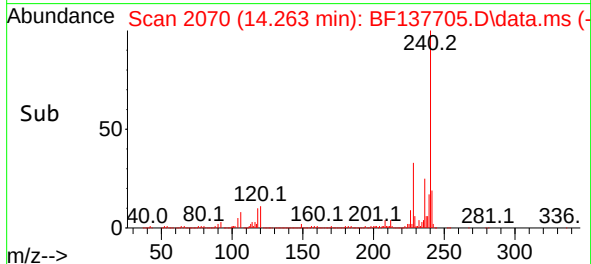
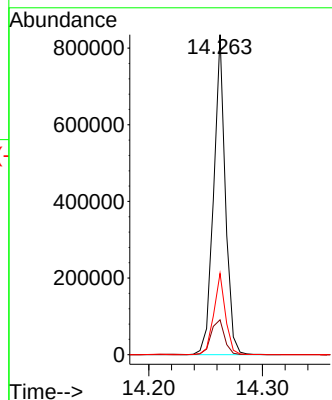
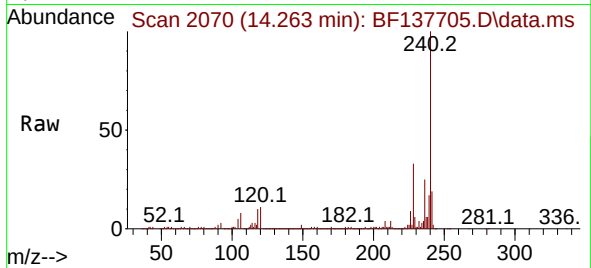
SSTDICC080

Tgt Ion:240 Resp: 59597
Ion Ratio Lower Upper
240 100
120 10.9 11.9 17.9
236 25.4 20.8 31.2

Manual Integrations

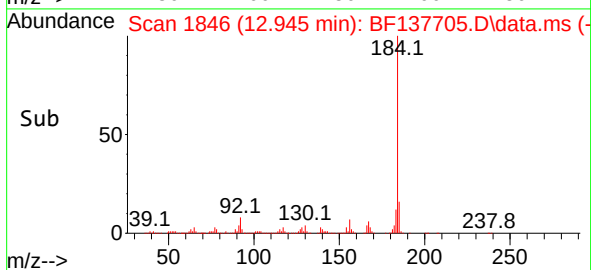
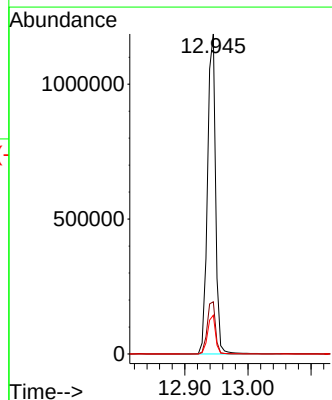
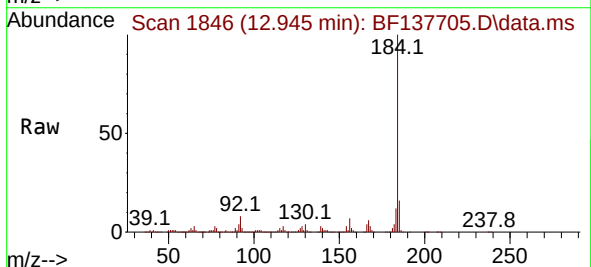
APPROVED

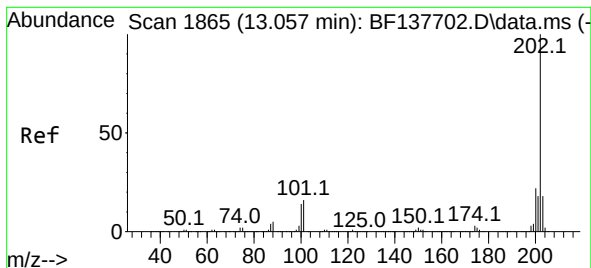
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#77
Benzidine
Concen: 75.991 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:184 Resp: 1057789
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.4
183 12.1 9.4 14.0





#78

Pyrene

Concen: 80.017 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 3914190

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.6

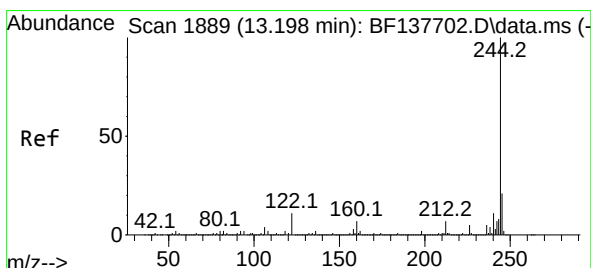
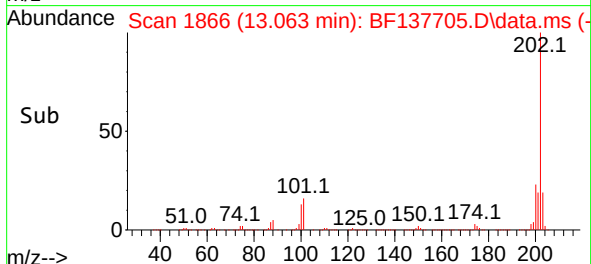
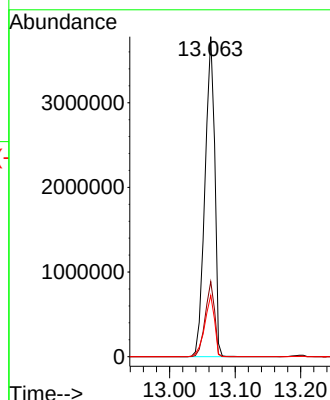
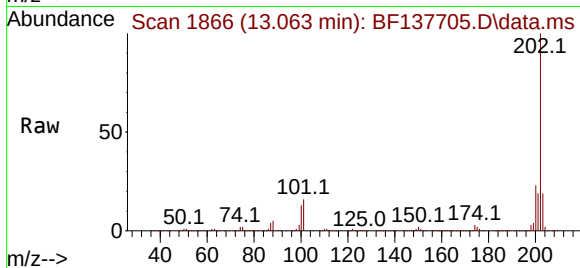
203 19.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#79

Terphenyl-d14

Concen: 151.808 ng

RT: 13.204 min Scan# 1890

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

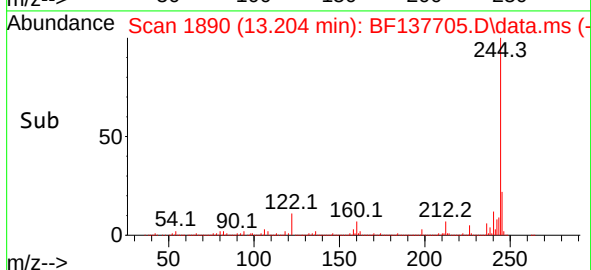
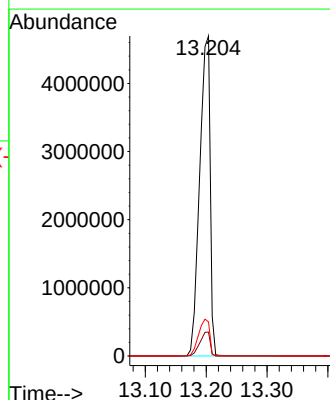
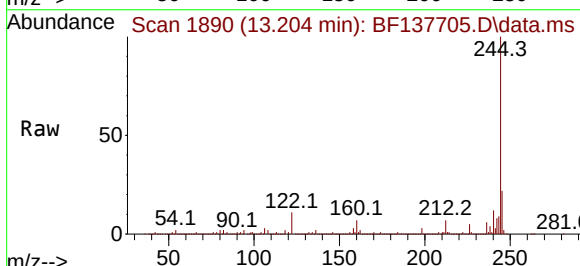
Tgt Ion:244 Resp: 5621017

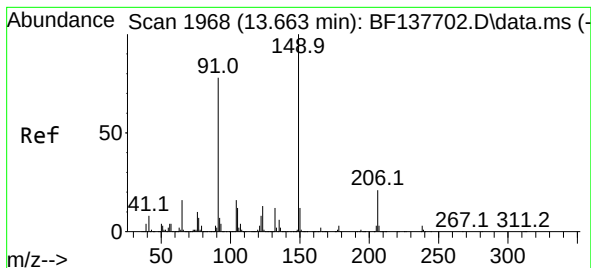
Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

122 10.6 8.8 13.2





#80

Butylbenzylphthalate

Concen: 85.391 ng

RT: 13.669 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 148129

Ion Ratio Lower Upper

149 100

91 73.8 62.6 93.8

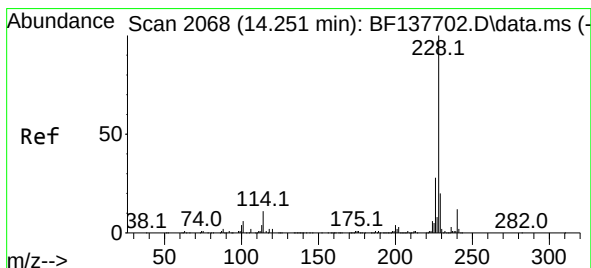
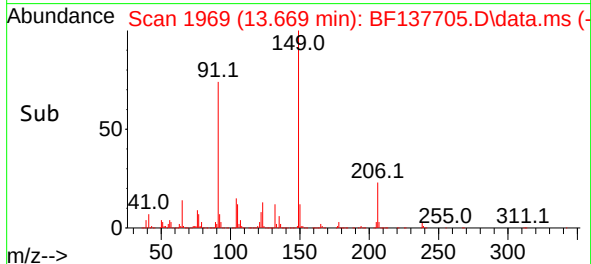
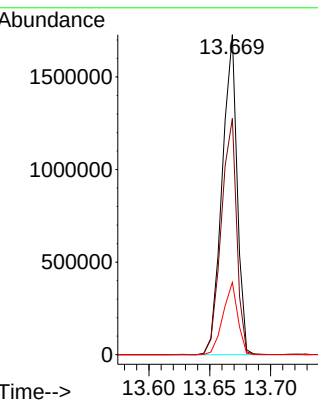
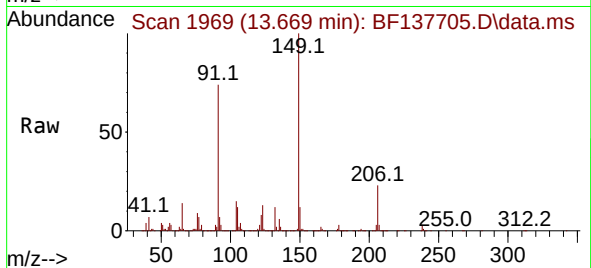
206 22.6 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#81

Benzo(a)anthracene

Concen: 74.734 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

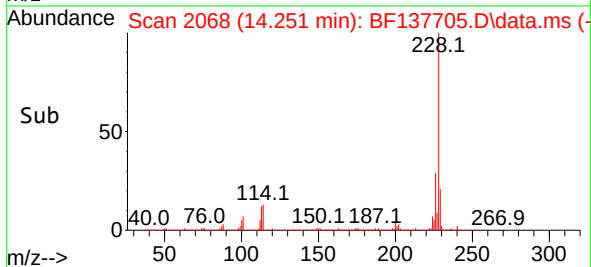
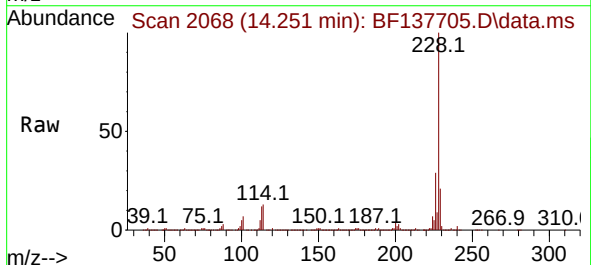
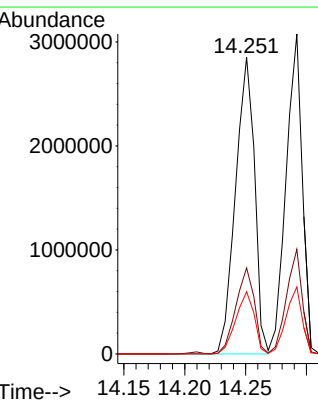
Tgt Ion:228 Resp: 3106535

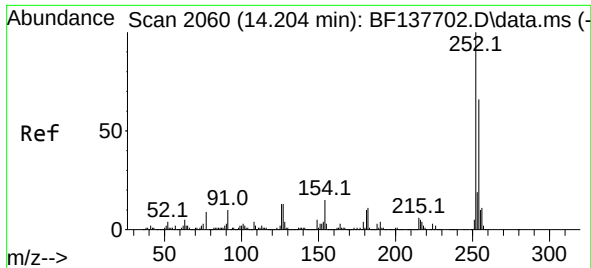
Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 21.0 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 68.731 ng
RT: 14.210 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

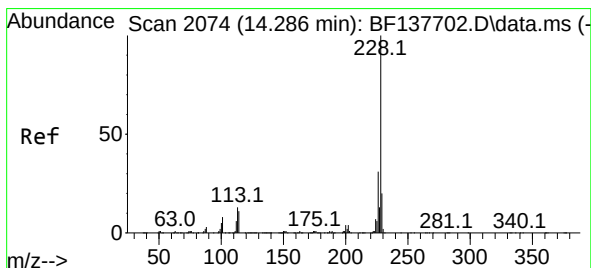
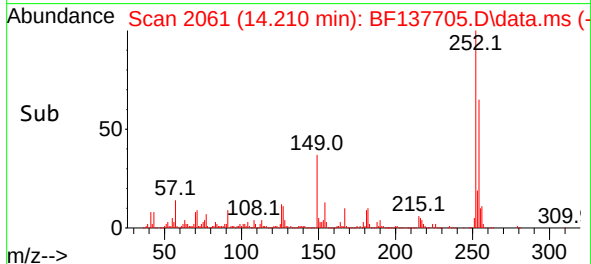
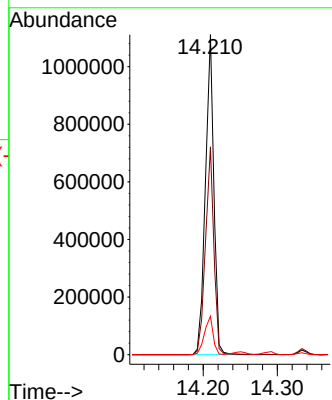
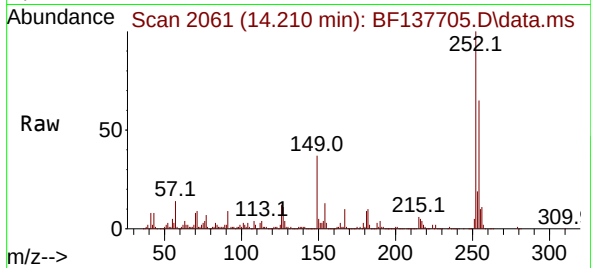
SSTDICC080

Tgt Ion:252 Resp: 88396
Ion Ratio Lower Upper
252 100
254 65.0 52.6 79.0
126 12.0 10.8 16.2

Manual Integrations

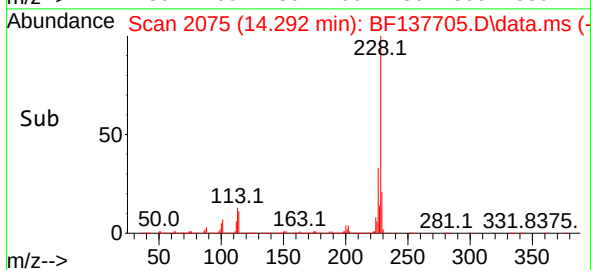
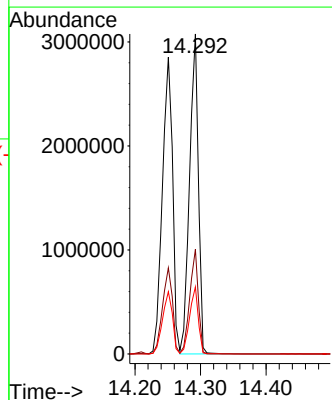
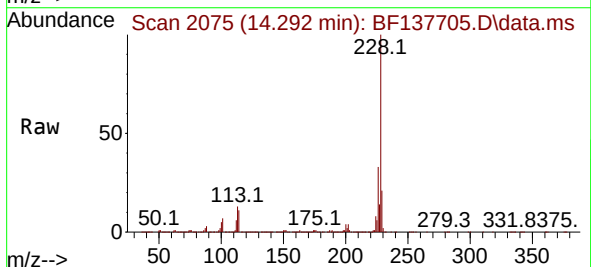
APPROVED

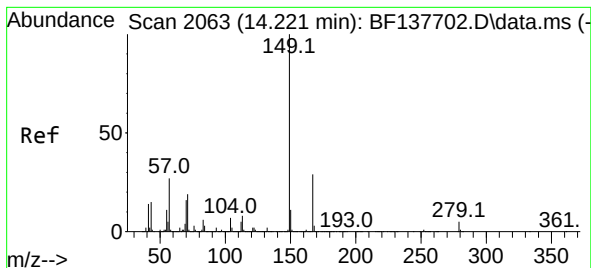
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#83
Chrysene
Concen: 73.854 ng
RT: 14.292 min Scan# 2075
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:228 Resp: 2868438
Ion Ratio Lower Upper
228 100
226 32.7 24.7 37.1
229 21.0 16.2 24.4





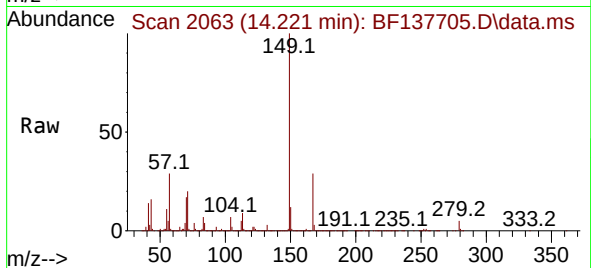
#84
Bis(2-ethylhexyl)phthalate
Concen: 79.817 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

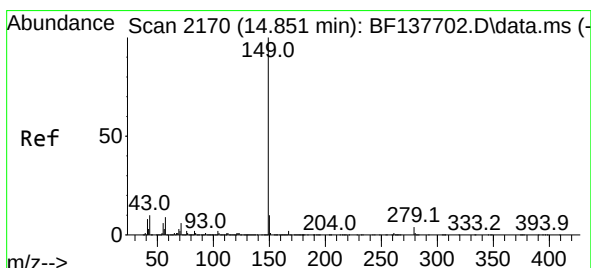
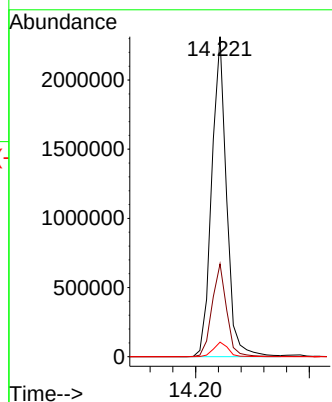
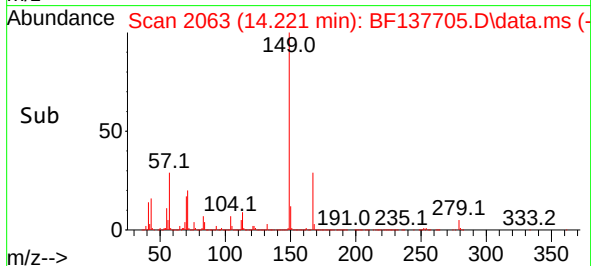


Tgt Ion:149 Resp: 2091025
Ion Ratio Lower Upper
149 100
167 29.0 23.4 35.0
279 4.6 4.0 6.0

Manual Integrations

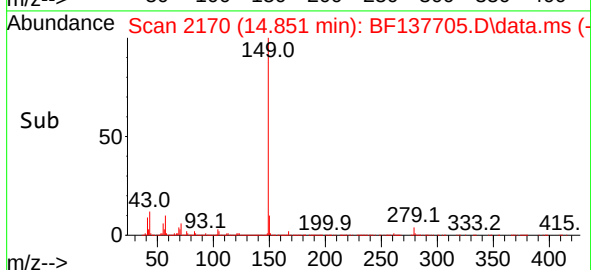
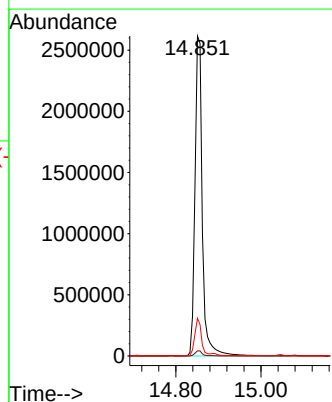
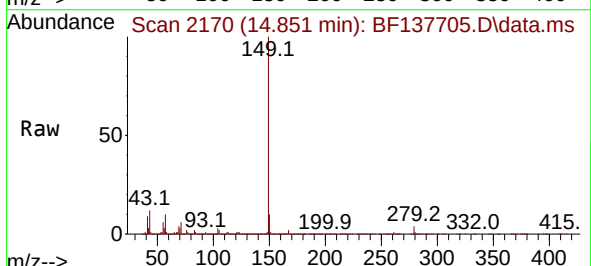
APPROVED

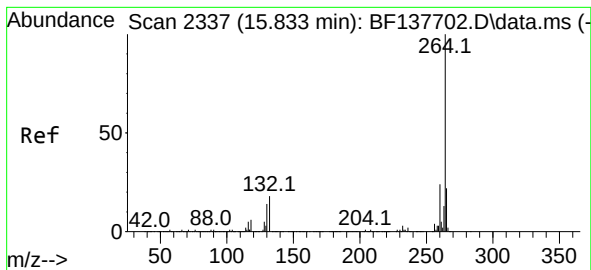
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#85
Di-n-octyl phthalate
Concen: 79.373 ng
RT: 14.851 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:149 Resp: 3123466
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

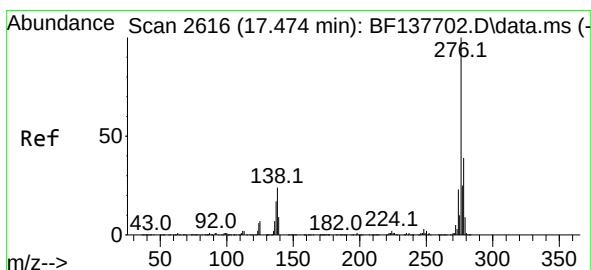
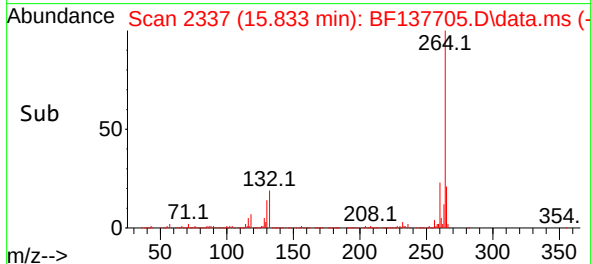
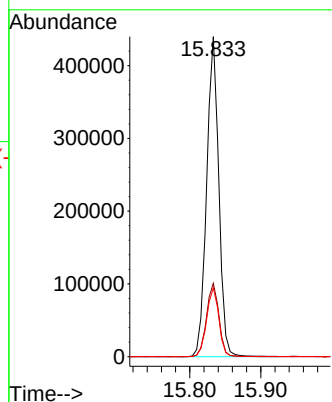
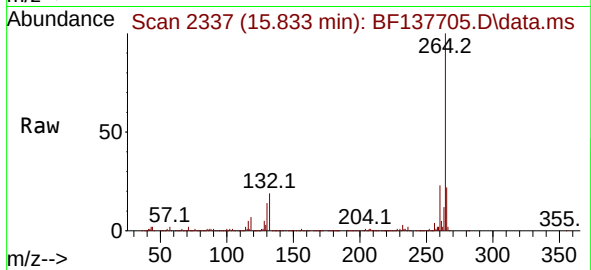
SSTDICC080

Tgt Ion:264 Resp: 52336
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.5 17.5 26.3

Manual Integrations

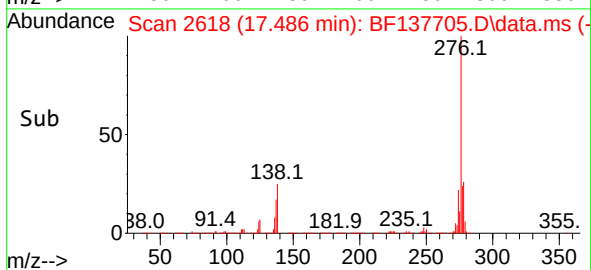
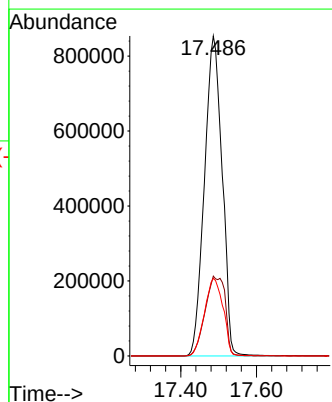
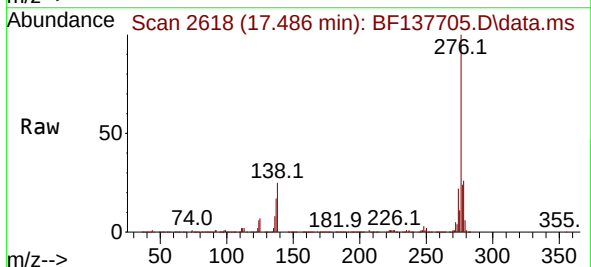
APPROVED

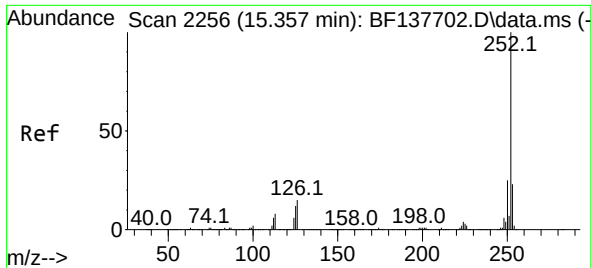
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 95.213 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Tgt Ion:276 Resp: 2763046
Ion Ratio Lower Upper
276 100
138 28.1 22.3 33.5
277 25.5 20.2 30.2





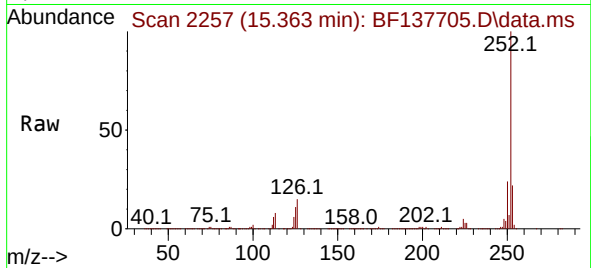
#88
Benzo(b)fluoranthene
Concen: 76.819 ng
RT: 15.363 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

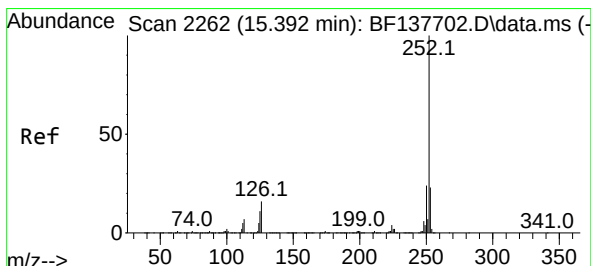
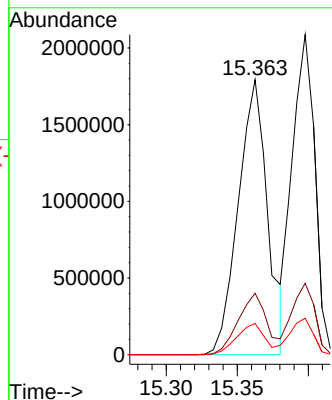
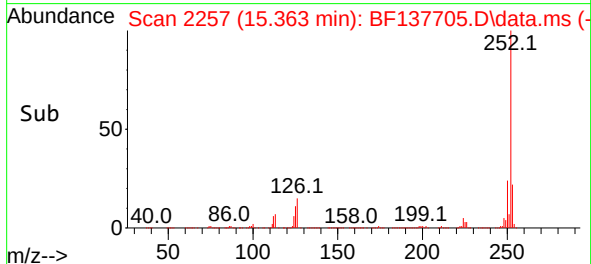


Tgt Ion:252 Resp: 2572739
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.4 9.2 13.8

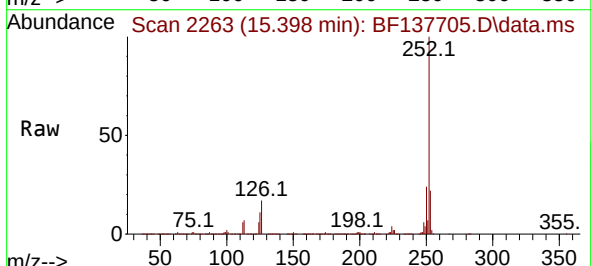
Manual Integrations

APPROVED

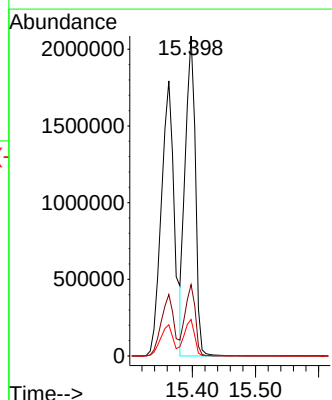
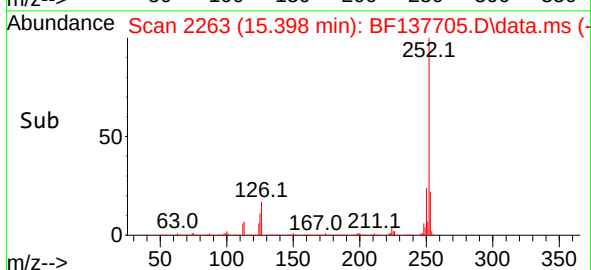
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

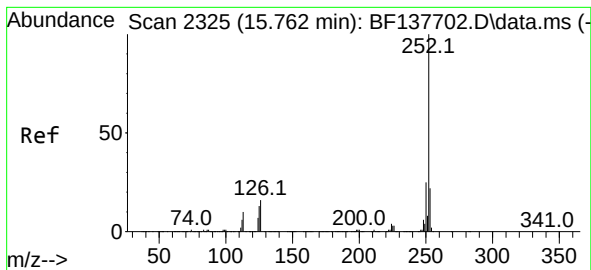


#89
Benzo(k)fluoranthene
Concen: 70.941 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF137705.D
Acq: 23 Apr 2024 20:59



Tgt Ion:252 Resp: 2335464
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.4 9.0 13.6





#90

Benzo(a)pyrene

Concen: 77.272 ng

RT: 15.768 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2321518

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

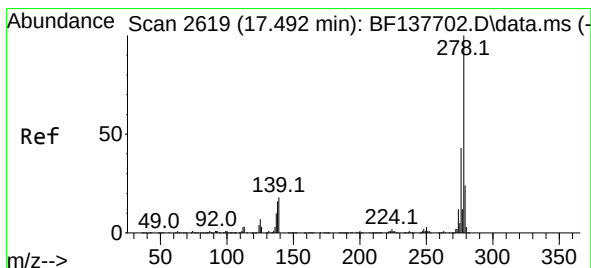
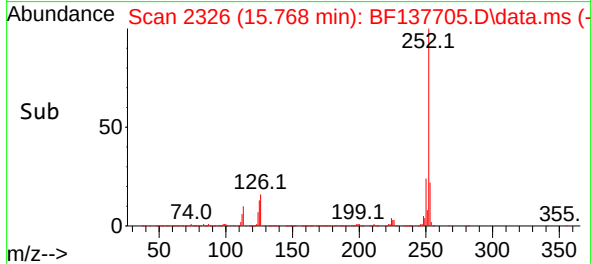
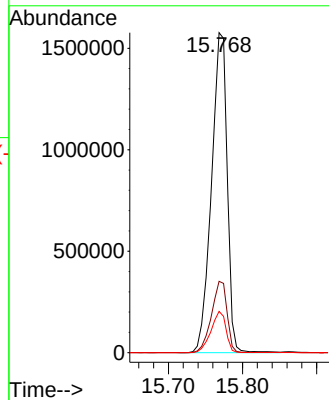
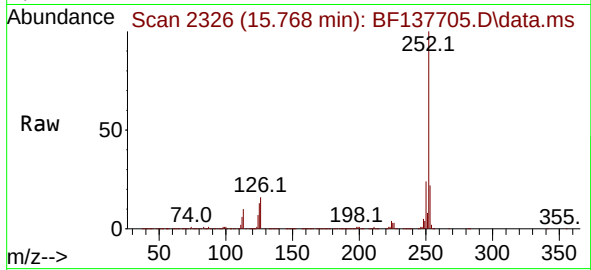
125 12.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#91

Dibenzo(a,h)anthracene

Concen: 93.647 ng

RT: 17.515 min Scan# 2623

Delta R.T. 0.024 min

Lab File: BF137705.D

Acq: 23 Apr 2024 20:59

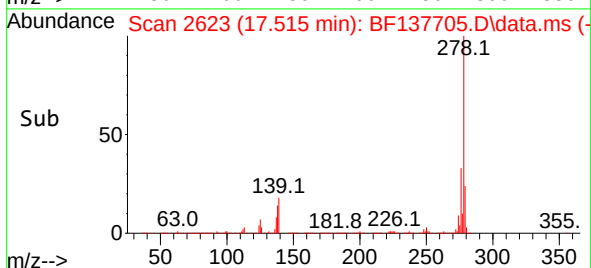
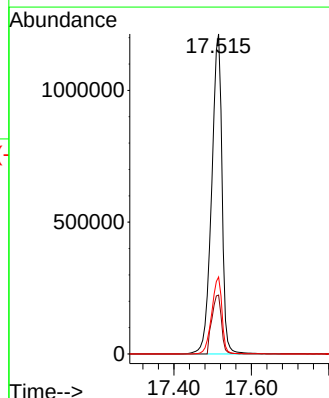
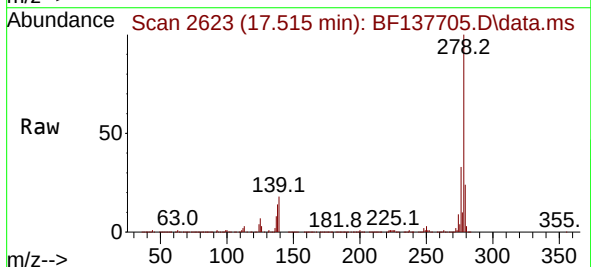
Tgt Ion:278 Resp: 2255206

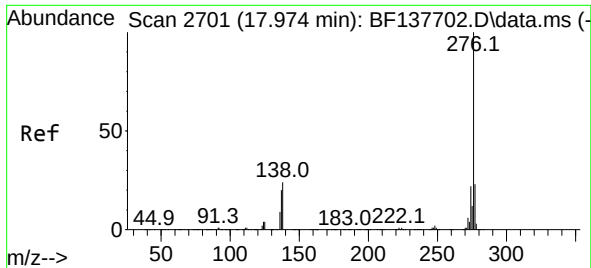
Ion Ratio Lower Upper

278 100

139 18.4 14.7 22.1

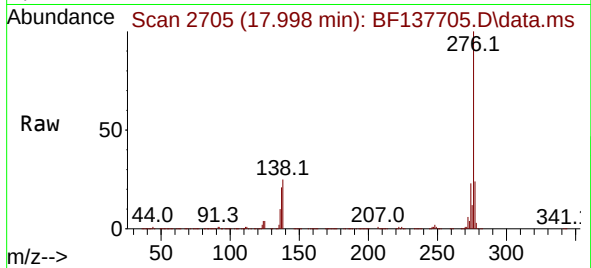
279 24.0 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 99.158 ng
 RT: 17.998 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF137705.D
 Acq: 23 Apr 2024 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tgt Ion:276 Resp: 2322009
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.5 27.7
 138 24.7 19.5 29.3

Manual Integrations
 APPROVED

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

