

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137072.D
 Acq On : 15 Jan 2024 19:36
 Operator : CG\JU
 Sample : P1140-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-37-39MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

Quant Time: Jan 16 02:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	49621	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	172682	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	79650	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	145633	20.000	ng	0.00
76) Chrysene-d12	13.974	240	133901	20.000	ng	0.00
86) Perylene-d12	15.463	264	135390	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	259182	81.497	ng	0.00
7) Phenol-d6	6.440	99	318087	77.190	ng	0.00
23) Nitrobenzene-d5	7.345	82	187885	55.676	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	77827	82.966	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	367247	62.014	ng	-0.01
79) Terphenyl-d14	12.904	244	439314	45.849	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	54309	40.985	ng	98
3) Pyridine	3.363	79	124492	38.506	ng	96
4) n-Nitrosodimethylamine	3.334	42	66409	38.464	ng	100
6) Aniline	6.451	93	88929	21.585	ng	# 1
8) 2-Chlorophenol	6.575	128	134794	38.731	ng	98
9) Benzaldehyde	6.340	77	19507	8.322	ng	96
10) Phenol	6.451	94	163096	37.076	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	130288	38.945	ng	97
12) 1,3-Dichlorobenzene	6.728	146	150839	39.730	ng	94
13) 1,4-Dichlorobenzene	6.804	146	153898	39.672	ng	97
14) 1,2-Dichlorobenzene	6.951	146	142734	39.542	ng	97
15) Benzyl Alcohol	6.934	79	109382	39.345	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	203191	37.150	ng	67
17) 2-Methylphenol	7.051	107	104080	36.099	ng	95
18) Hexachloroethane	7.287	117	53727	38.136	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	94060	37.654	ng	96
20) 3+4-Methylphenols	7.204	107	137488	38.170	ng	# 56
22) Acetophenone	7.193	105	191623	44.273	ng	# 87
24) Nitrobenzene	7.369	77	133841	39.592	ng	96
25) Isophorone	7.604	82	245296	39.948	ng	100
26) 2-Nitrophenol	7.681	139	69174	42.770	ng	96
27) 2,4-Dimethylphenol	7.722	122	101264	51.428	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	155475	41.655	ng	100
29) 2,4-Dichlorophenol	7.928	162	102309	40.359	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	118630	42.001	ng	98
31) Naphthalene	8.081	128	387071	40.802	ng	99
32) Benzoic acid	7.857	122	66417	34.861	ng	99
33) 4-Chloroaniline	8.140	127	29076	8.301	ng	98
34) Hexachlorobutadiene	8.192	225	68875	40.136	ng	98
35) Caprolactam	8.510	113	32320m	38.648	ng	
36) 4-Chloro-3-methylphenol	8.634	107	107232	37.575	ng	97
37) 2-Methylnaphthalene	8.775	142	237364	38.878	ng	100
38) 1-Methylnaphthalene	8.875	142	228807	38.199	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	117297	47.552	ng	99
41) Hexachlorocyclopentadiene	8.922	237	32981	44.265	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	69367	43.849	ng	98

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 MR-309-37-39MSD

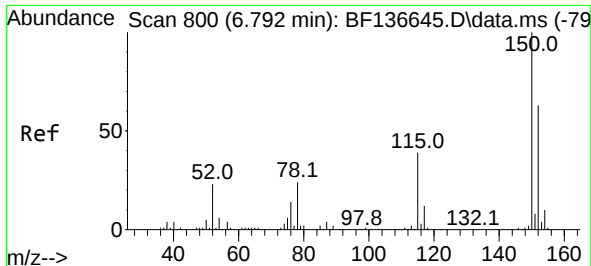
Manual Integrations
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 Supervised By :mohammad ahmed 01/17/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	71216	40.398	ng	98
46) 1,1'-Biphenyl	9.239	154	303415	45.395	ng	99
47) 2-Chloronaphthalene	9.263	162	216384	42.586	ng	99
48) 2-Nitroaniline	9.369	65	63337	39.806	ng	95
49) Acenaphthylene	9.681	152	360121	46.368	ng	99
50) Dimethylphthalate	9.539	163	245803	42.250	ng	99
51) 2,6-Dinitrotoluene	9.610	165	53049	40.178	ng	92
52) Acenaphthene	9.851	154	200437	41.634	ng	98
53) 3-Nitroaniline	9.781	138	31667	22.641	ng	98
54) 2,4-Dinitrophenol	9.904	184	30266	43.164	ng	95
55) Dibenzofuran	10.028	168	303816	41.631	ng	97
56) 4-Nitrophenol	9.969	139	56080	59.395	ng	96
57) 2,4-Dinitrotoluene	10.022	165	66025	38.519	ng	# 95
58) Fluorene	10.369	166	243254	42.009	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	55796	41.117	ng	97
60) Diethylphthalate	10.245	149	249937	41.405	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	119987	42.630	ng	94
62) 4-Nitroaniline	10.398	138	46390	34.405	ng	92
63) Azobenzene	10.522	77	224356	39.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	24884	29.815	ng	95
66) n-Nitrosodiphenylamine	10.481	169	211963	44.805	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	69762	43.133	ng	98
68) Hexachlorobenzene	10.922	284	76133	42.240	ng	99
69) Atrazine	11.016	200	67710	55.958	ng	98
70) Pentachlorophenol	11.128	266	60452	71.956	ng	98
71) Phenanthrene	11.339	178	336912	45.087	ng	99
72) Anthracene	11.392	178	346189	45.746	ng	99
73) Carbazole	11.551	167	322721	45.231	ng	100
74) Di-n-butylphthalate	11.875	149	431348	49.544	ng	100
75) Fluoranthene	12.533	202	406243	50.825	ng	96
77) Benzidine	12.663	184	181672	46.014	ng	98
78) Pyrene	12.763	202	425807	32.394	ng	100
80) Butylbenzylphthalate	13.386	149	199516	41.714	ng	98
81) Benzo(a)anthracene	13.963	228	422925	45.486	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	112929	42.767	ng	95
83) Chrysene	14.004	228	390358	42.932	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	310711	51.632	ng	97
85) Di-n-octyl phthalate	14.563	149	556606	59.794	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	313059	32.025	ng	99
88) Benzo(b)fluoranthene	15.027	252	390853	43.223	ng	100
89) Benzo(k)fluoranthene	15.057	252	372859	43.637	ng	99
90) Benzo(a)pyrene	15.404	252	323012	42.317	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	265408	33.095	ng	97
92) Benzo(g,h,i)perylene	17.445	276	234264	28.521	ng	99

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



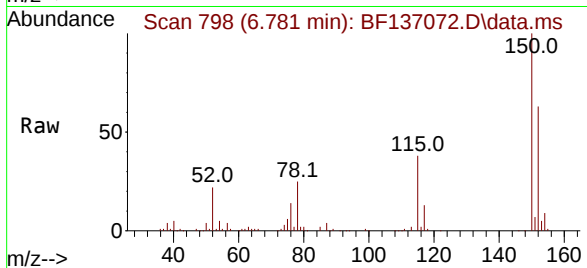
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

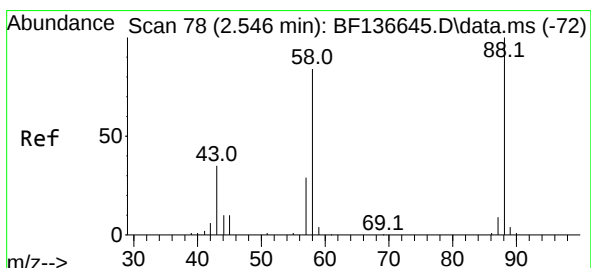
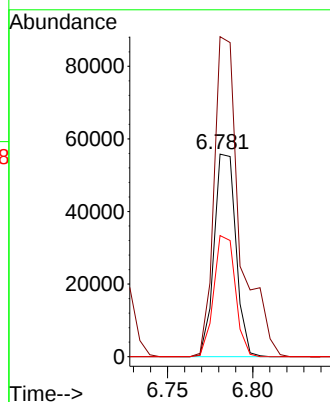
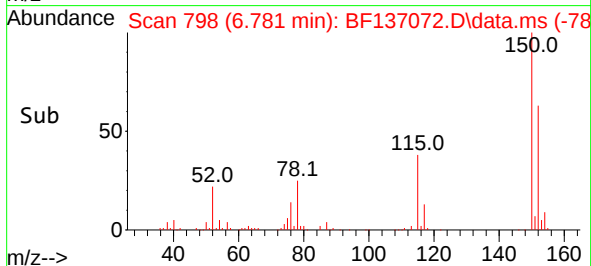


Tgt Ion:152 Resp: 4962
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 59.9 49.0 73.4

Manual Integrations

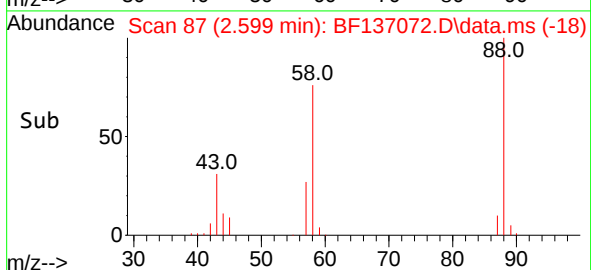
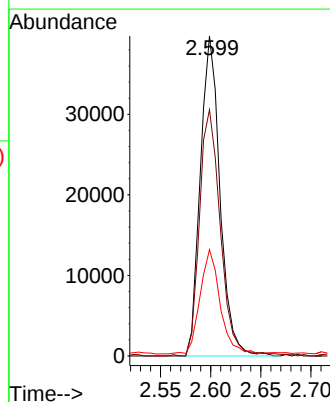
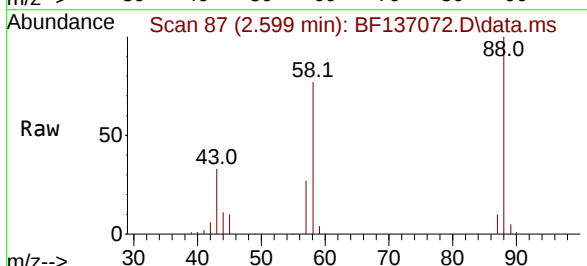
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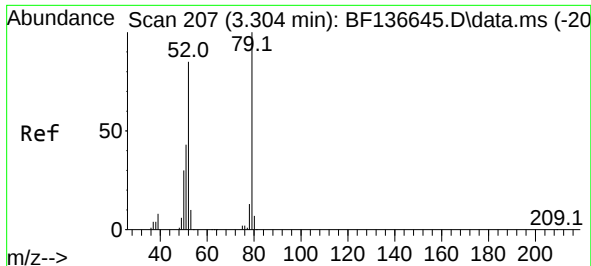
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#2
1,4-Dioxane
Concen: 40.985 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.053 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

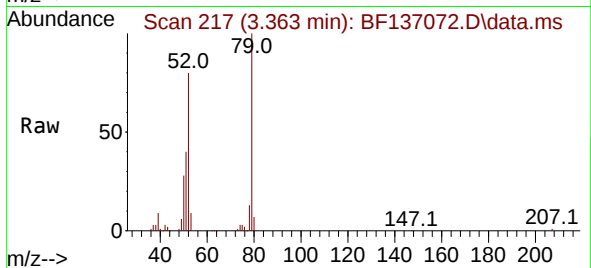
Tgt Ion: 88 Resp: 54309
Ion Ratio Lower Upper
88 100
58 82.1 67.4 101.0
43 33.0 27.7 41.5





#3
Pyridine
Concen: 38.506 ng
RT: 3.363 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

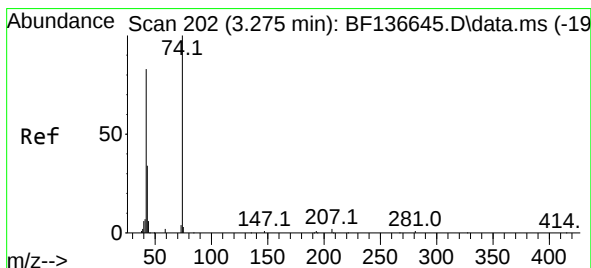
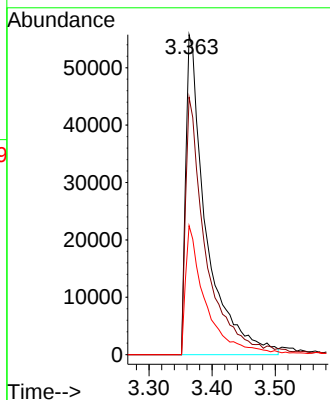
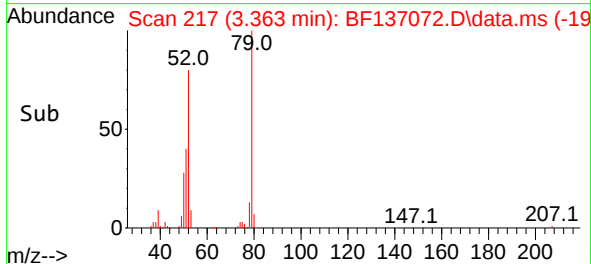
Instrument :
BNA_F
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MR-309-37-39MSD



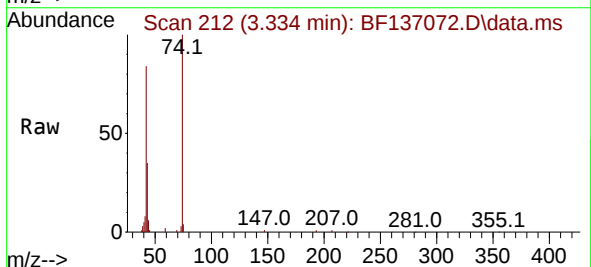
Tgt Ion: 79 Resp: 124492
Ion Ratio Lower Upper
79 100
52 80.4 67.7 101.5
51 40.3 34.0 51.0

Manual Integrations
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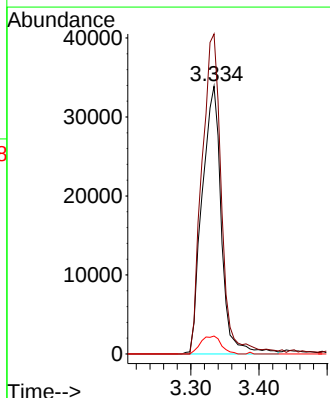
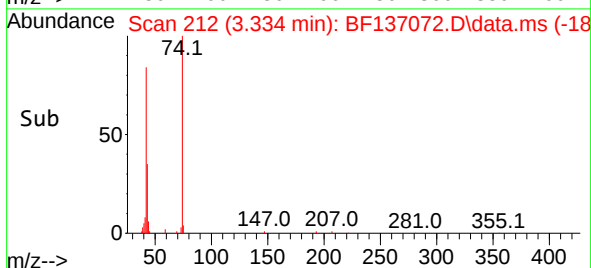
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

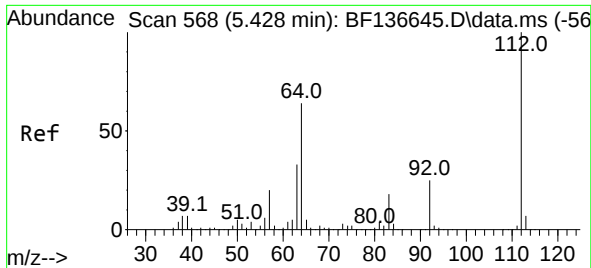


#4
n-Nitrosodimethylamine
Concen: 38.464 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion: 42 Resp: 66409
Ion Ratio Lower Upper
42 100
74 119.5 96.0 144.0
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 81.497 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

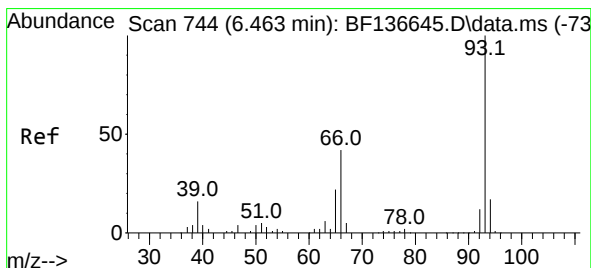
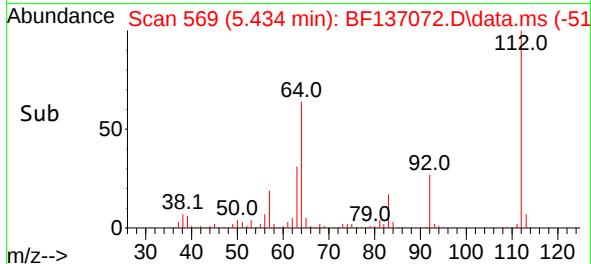
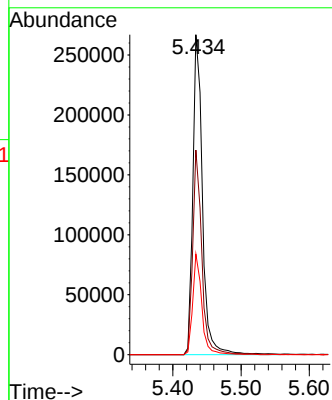
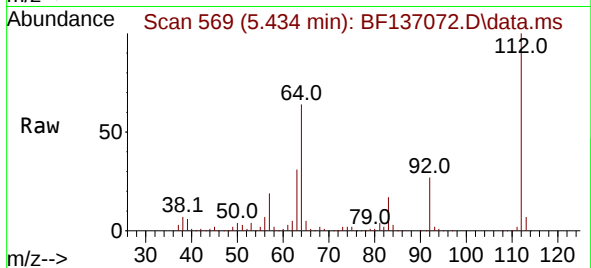
MR-309-37-39MSD

Tgt Ion:112 Resp: 25918
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 31.4 26.1 39.1

Manual Integrations

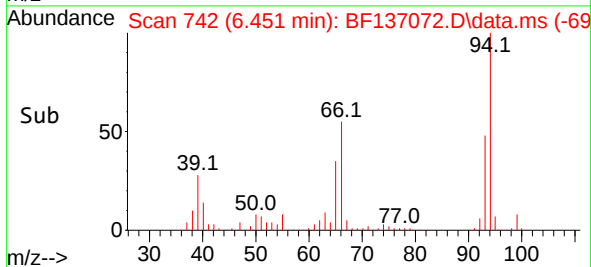
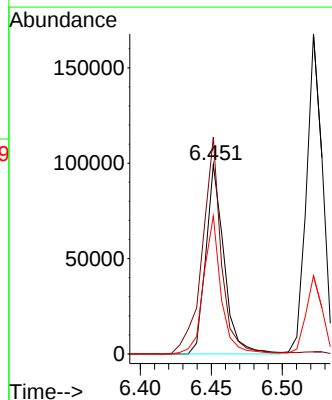
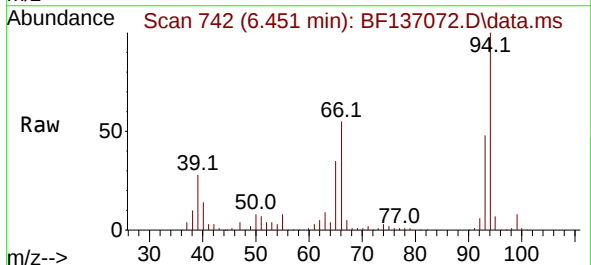
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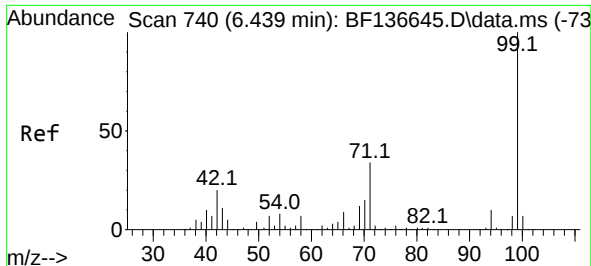
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#6
Aniline
Concen: 21.585 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 93 Resp: 88929
Ion Ratio Lower Upper
93 100
66 114.5 34.6 51.8#
65 72.9 17.8 26.8#





#7

Phenol-d6

Concen: 77.190 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF137072.D

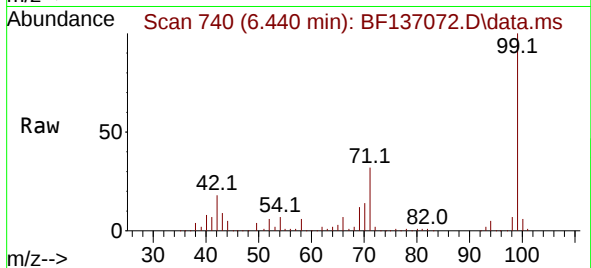
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Instrument :

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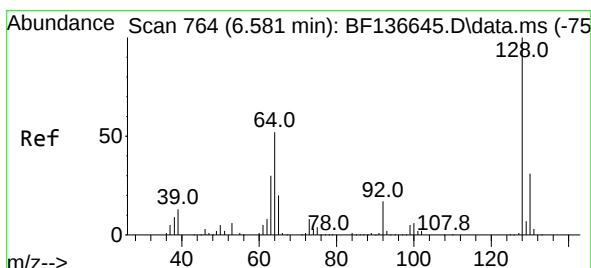
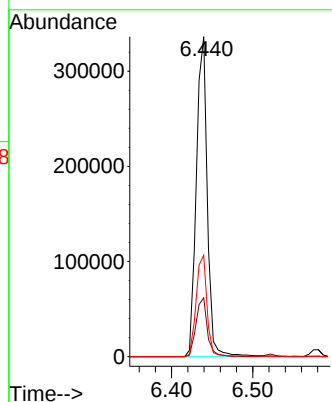
Tgt Ion: 99 Resp: 31808

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.1	24.1
71	31.7	27.4	41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 38.731 ng

RT: 6.575 min Scan# 763

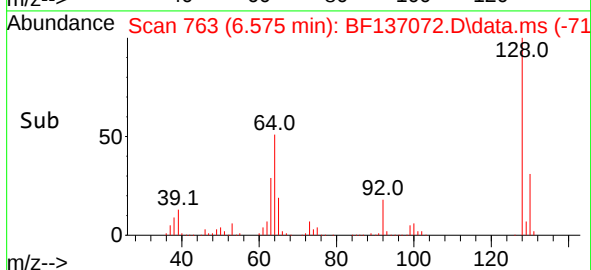
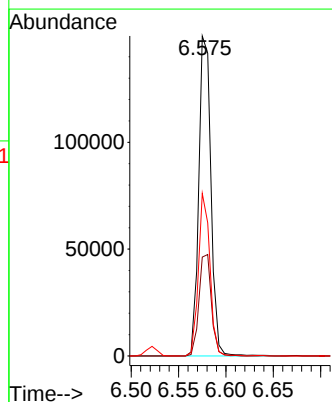
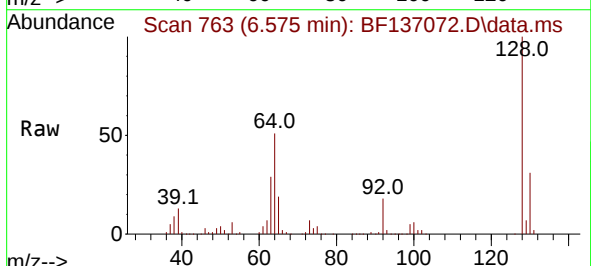
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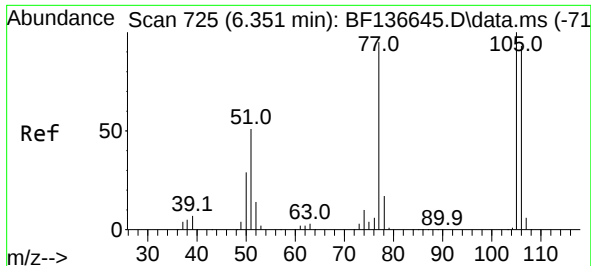
Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:128 Resp: 134794

Ion	Ratio	Lower	Upper
128	100		
130	30.9	11.3	51.3
64	50.8	32.5	72.5





#9
Benzaldehyde
Concen: 8.322 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

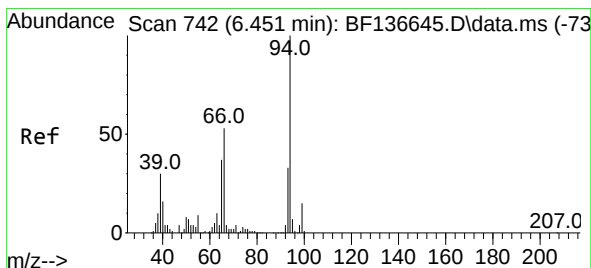
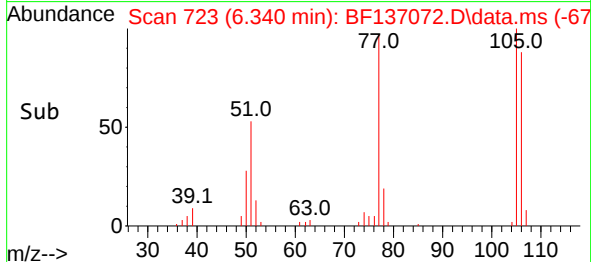
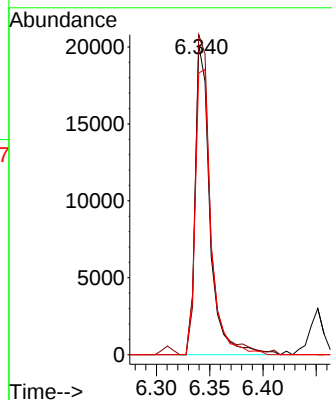
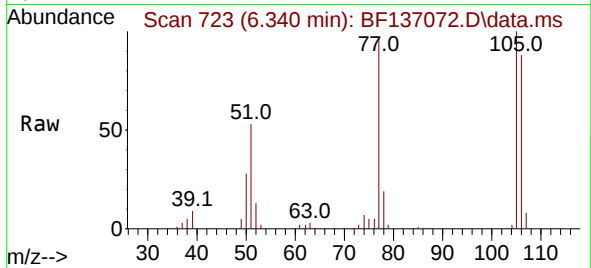
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

Tgt Ion: 77 Resp: 1950

Ion	Ratio	Lower	Upper
77	100		
105	103.2	84.8	124.8
106	90.8	77.8	117.8

Manual Integrations
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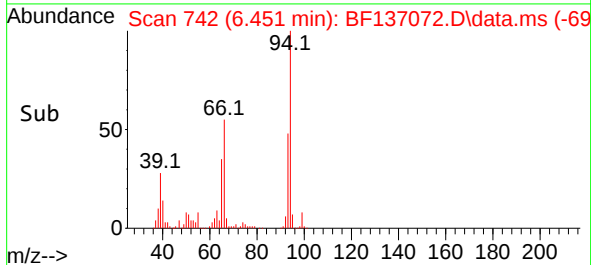
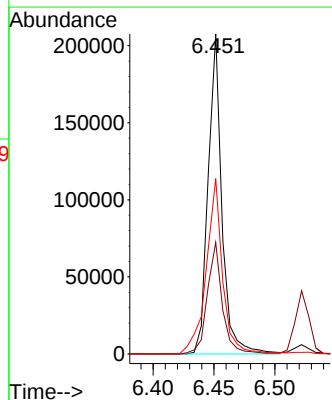
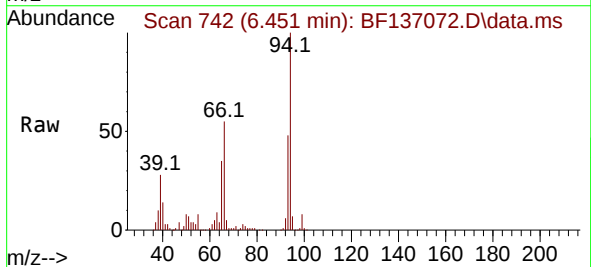
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

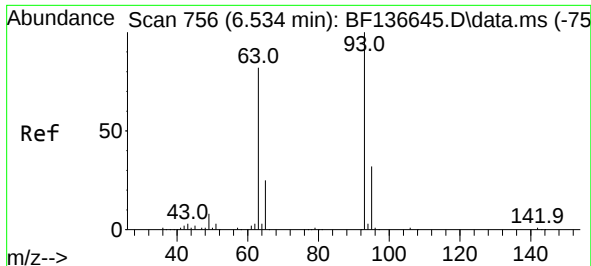


#10
Phenol
Concen: 37.076 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 94 Resp: 163096

Ion	Ratio	Lower	Upper
94	100		
65	34.9	16.6	56.6
66	54.8	32.6	72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.945 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

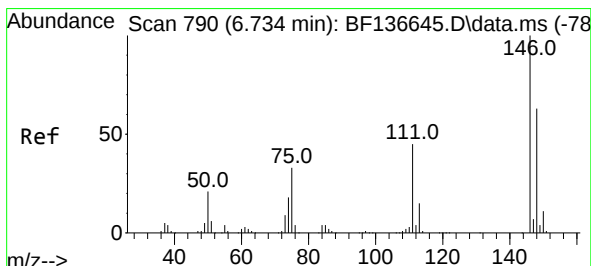
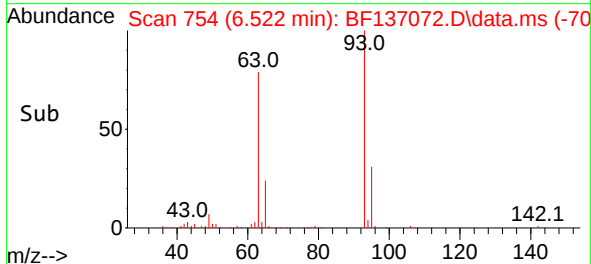
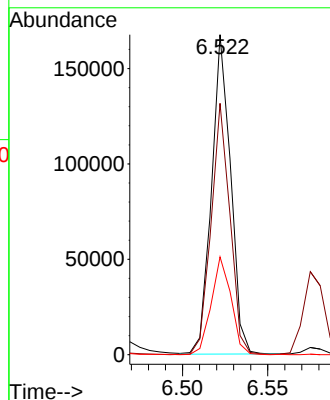
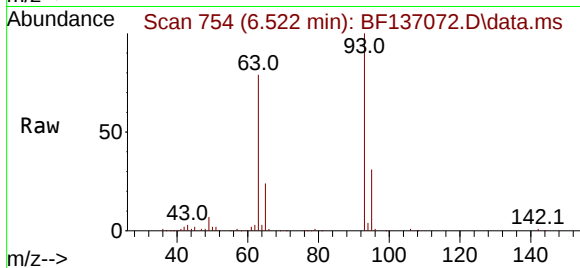
MR-309-37-39MSD

Tgt Ion: 93	Resp: 130288
Ion Ratio	Lower Upper
93	100
63	78.6 61.2 101.2
95	30.5 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#12

1,3-Dichlorobenzene

Concen: 39.730 ng

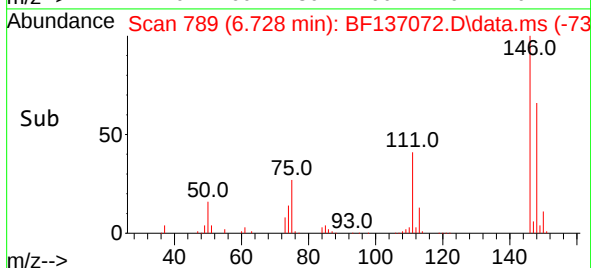
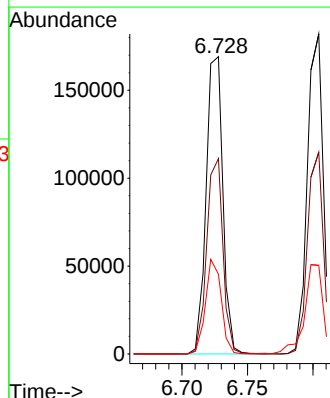
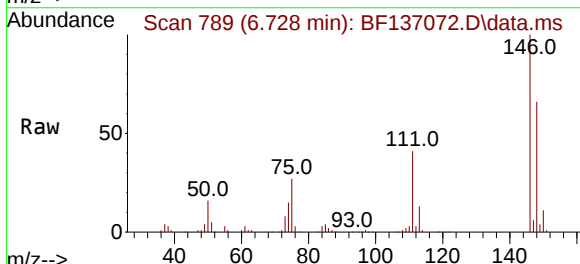
RT: 6.728 min Scan# 789

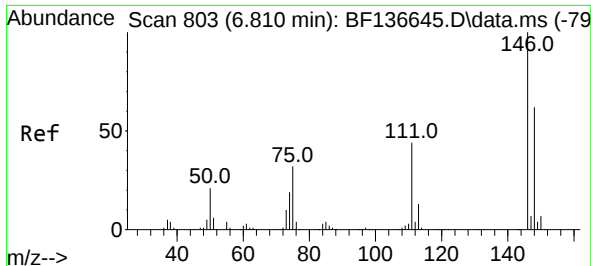
Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:146	Resp: 150839
Ion Ratio	Lower Upper
146	100
148	65.7 50.5 75.7
75	26.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.672 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

Tgt Ion:146 Resp: 153898

Ion Ratio Lower Upper

146 100

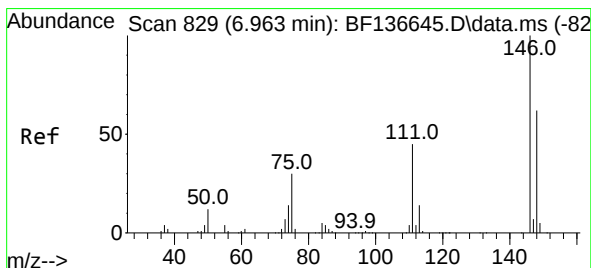
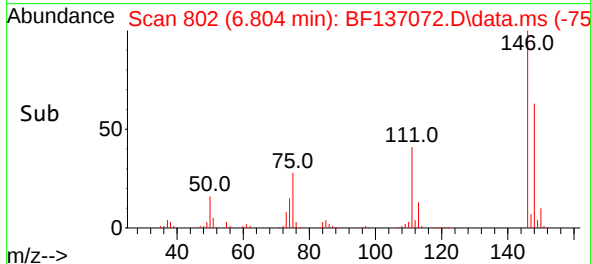
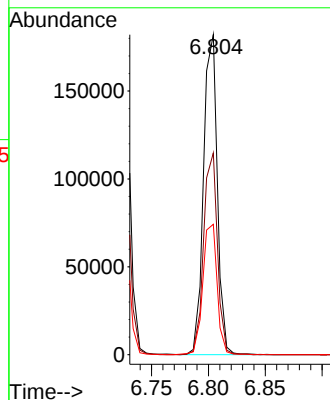
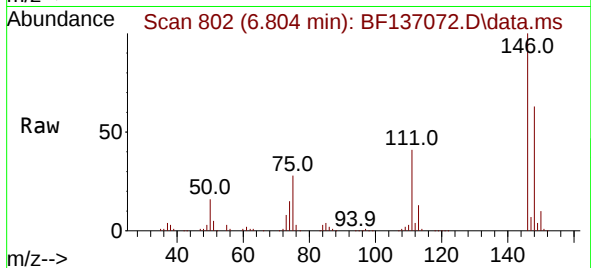
148 63.1 49.2 73.8

111 40.8 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#14

1,2-Dichlorobenzene

Concen: 39.542 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

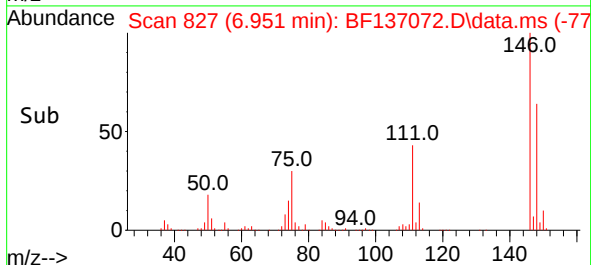
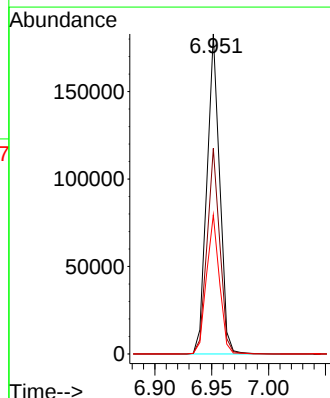
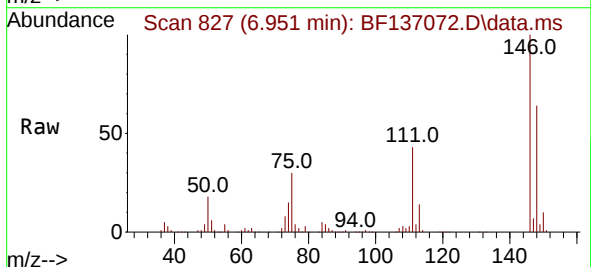
Tgt Ion:146 Resp: 142734

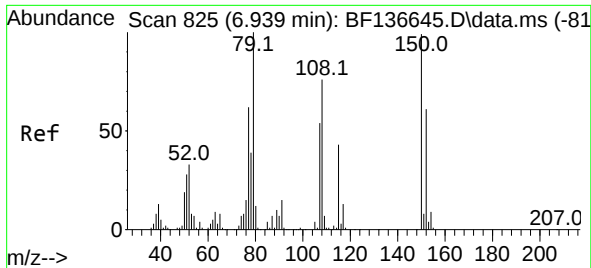
Ion Ratio Lower Upper

146 100

148 64.2 49.6 74.4

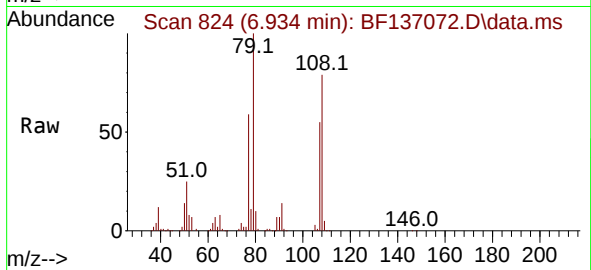
111 43.5 36.2 54.2





#15
Benzyl Alcohol
Concen: 39.345 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

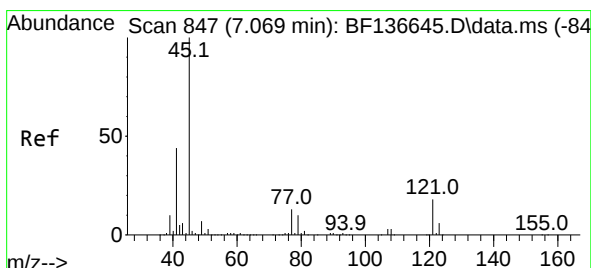
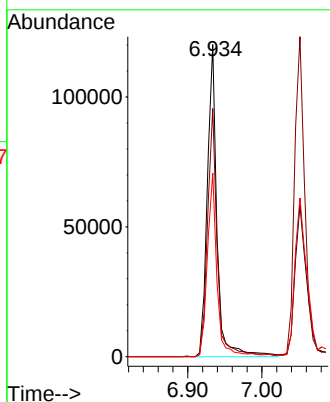
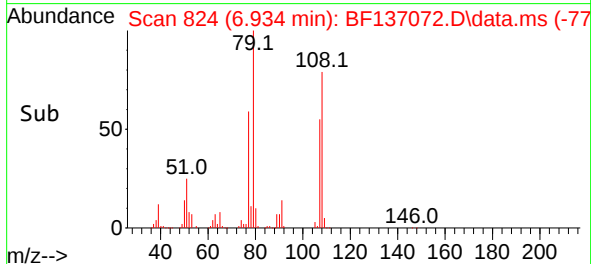
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



Tgt Ion: 79 Resp: 10938
Ion Ratio Lower Upper
79 100
108 79.5 61.0 91.6
77 58.9 49.8 74.8

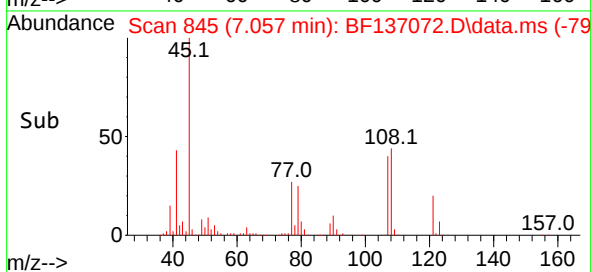
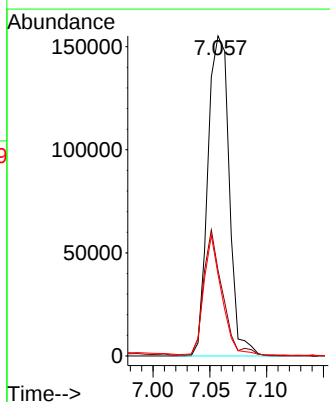
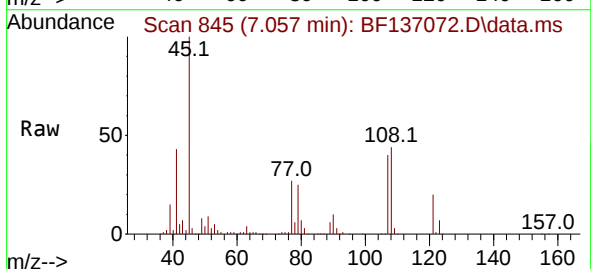
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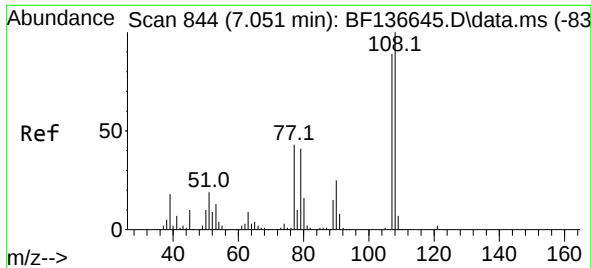
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.150 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

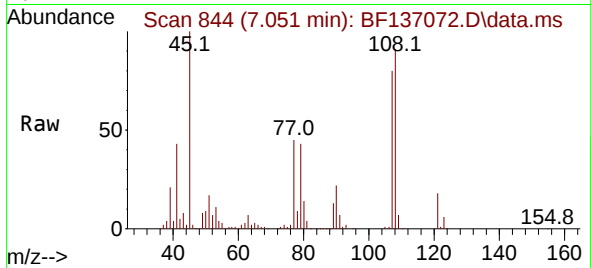
Tgt Ion: 45 Resp: 203191
Ion Ratio Lower Upper
45 100
77 26.7 0.0 34.3
79 25.5 0.0 31.4





#17
2-Methylphenol
Concen: 36.099 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

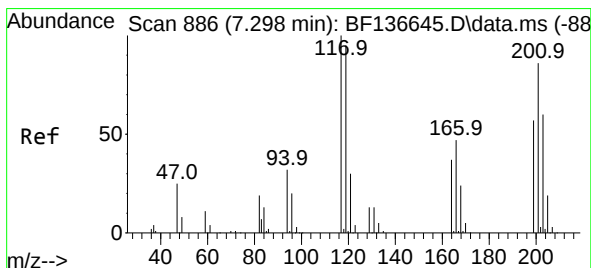
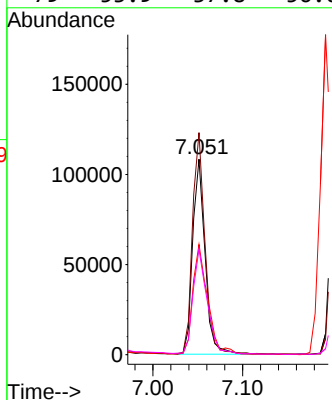
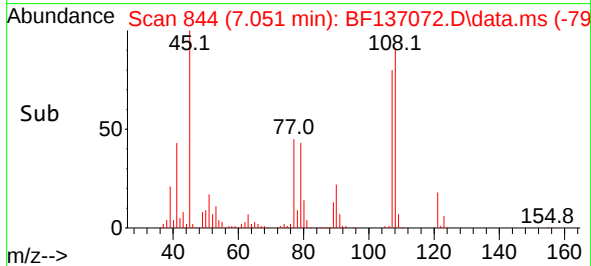
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



Tgt Ion:107 Resp: 104080
Ion Ratio Lower Upper
107 100
108 113.6 90.3 135.5
77 56.4 38.7 58.1
79 53.9 37.8 56.6

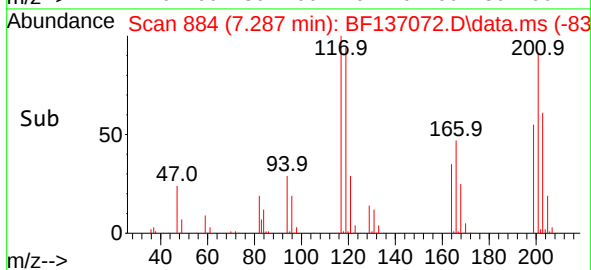
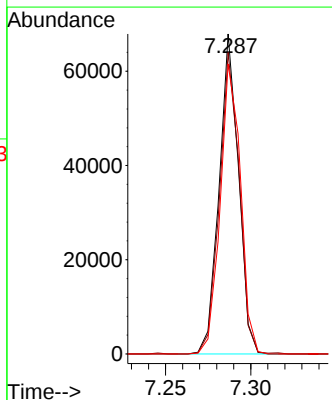
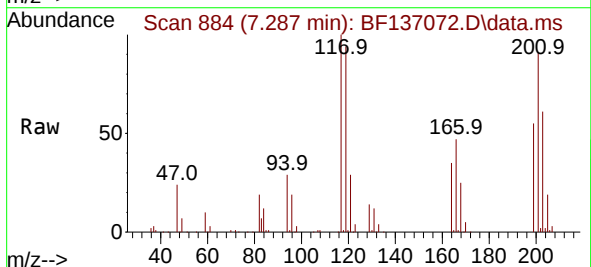
Manual Integrations
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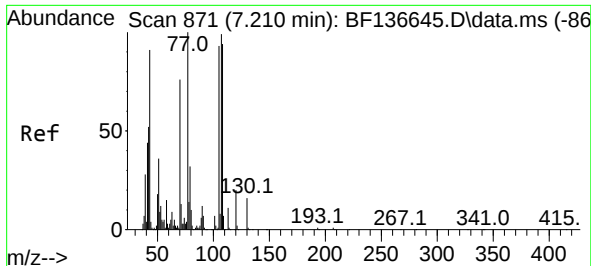
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#18
Hexachloroethane
Concen: 38.136 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

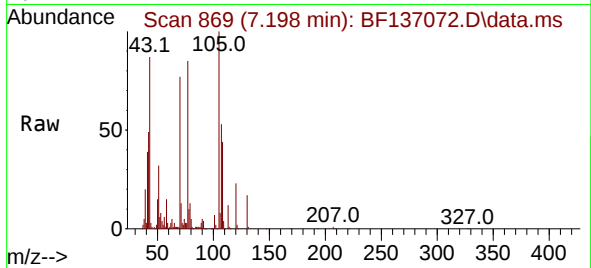
Tgt Ion:117 Resp: 53727
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
201 90.7 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.654 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

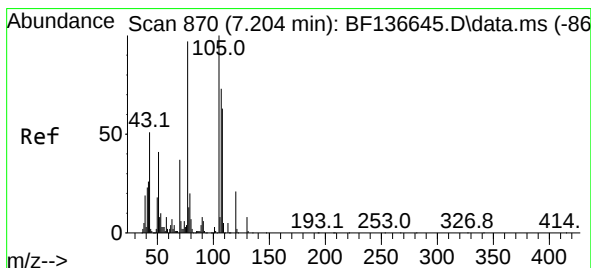
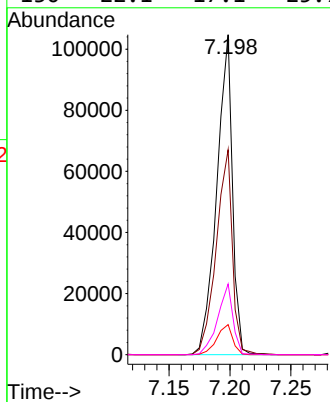
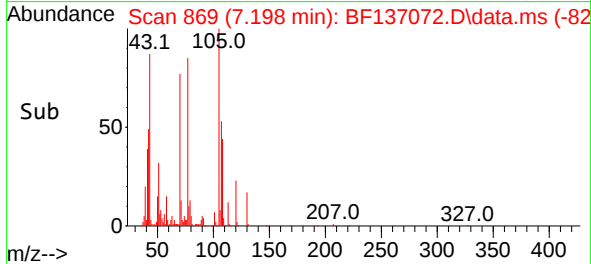
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



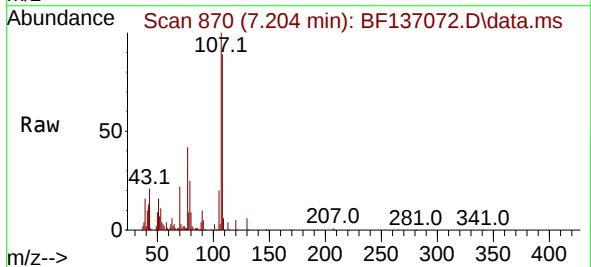
Tgt Ion: 70 Resp: 94060
Ion Ratio Lower Upper
70 100
42 64.0 54.2 81.4
101 9.4 7.6 11.4
130 22.1 17.1 25.7

Manual Integrations
APPROVED

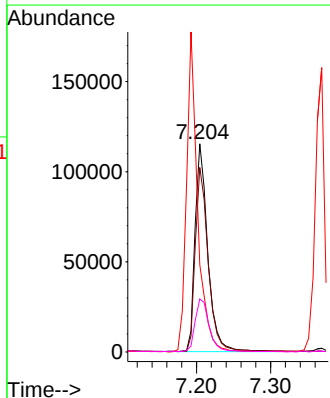
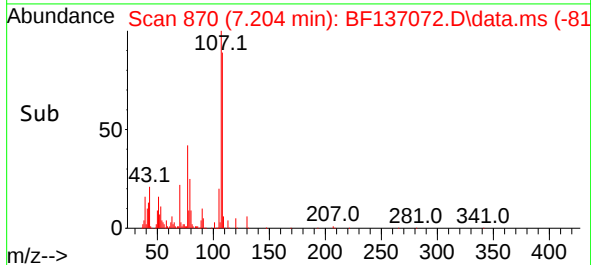
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

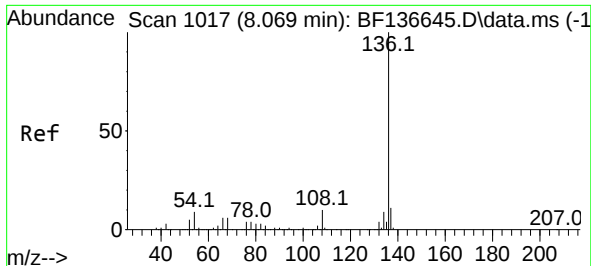


#20
3+4-Methylphenols
Concen: 38.170 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:107 Resp: 137488
Ion Ratio Lower Upper
107 100
108 88.6 66.0 106.0
77 41.9 114.2 154.2#
79 25.4 7.2 47.2





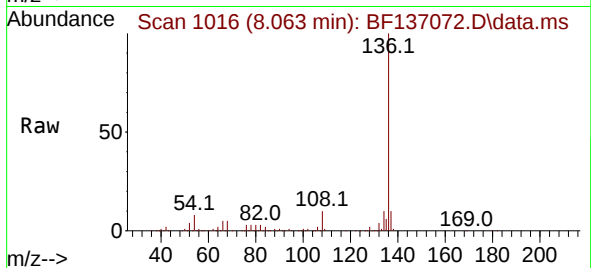
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

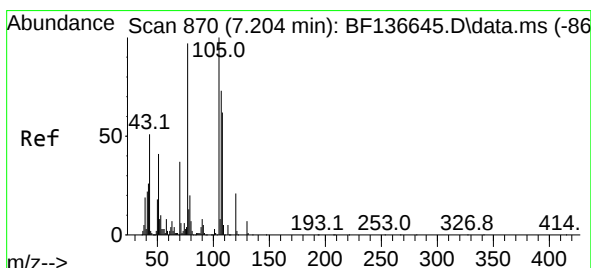
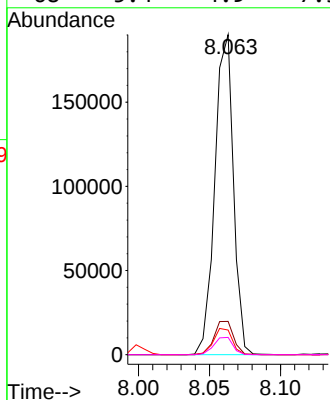
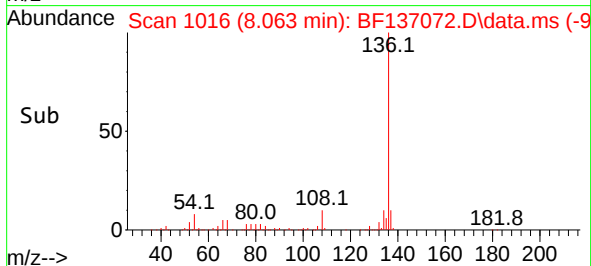


Tgt Ion:136 Resp: 17268
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.7 7.2 10.8
68 5.4 4.9 7.3

Manual Integrations

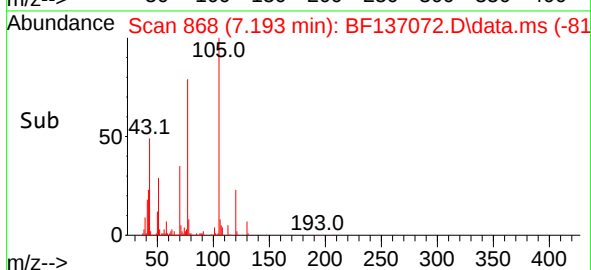
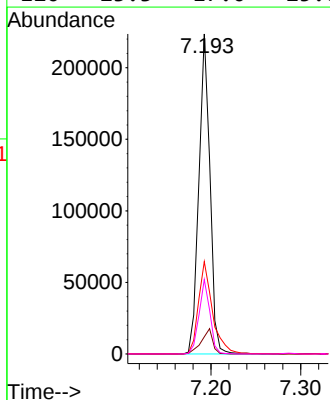
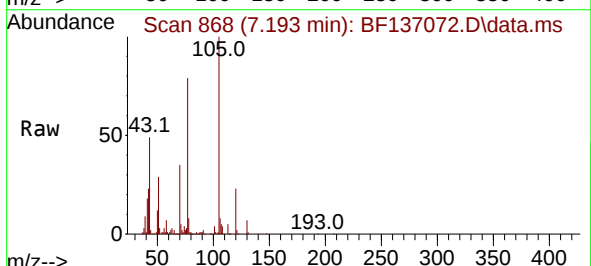
APPROVED

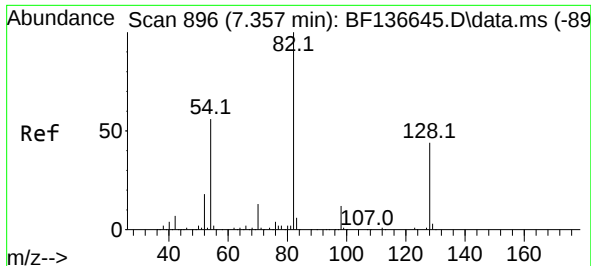
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#22
Acetophenone
Concen: 44.273 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:105 Resp: 191623
Ion Ratio Lower Upper
105 100
71 5.3 4.8 7.2
51 28.8 32.8 49.2#
120 23.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 55.676 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

Tgt Ion: 82 Resp: 18788

Ion Ratio Lower Upper

82 100

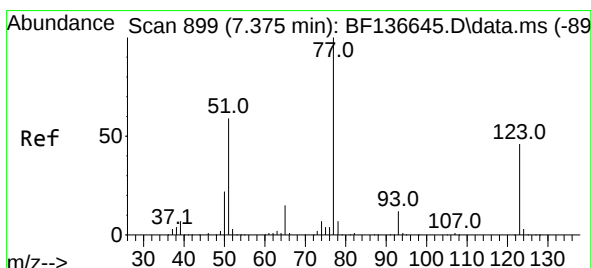
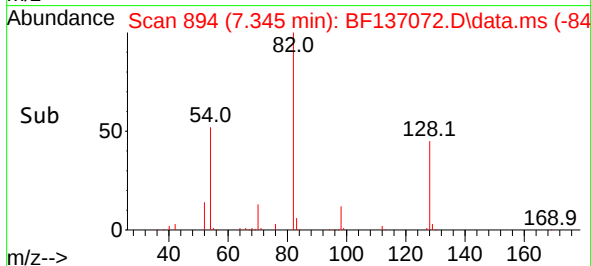
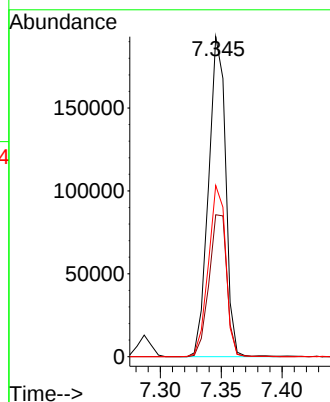
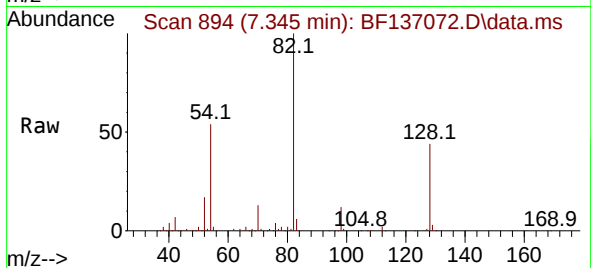
128 44.4 35.3 52.9

54 53.5 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#24

Nitrobenzene

Concen: 39.592 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

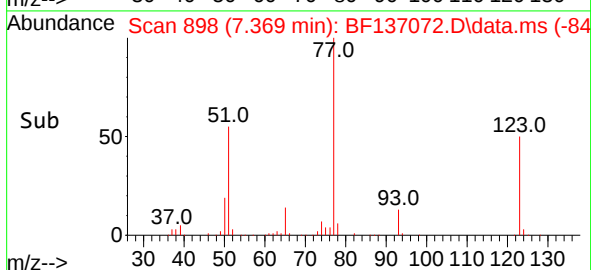
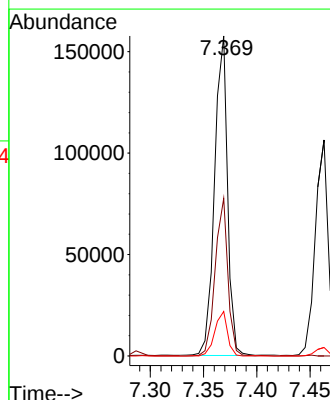
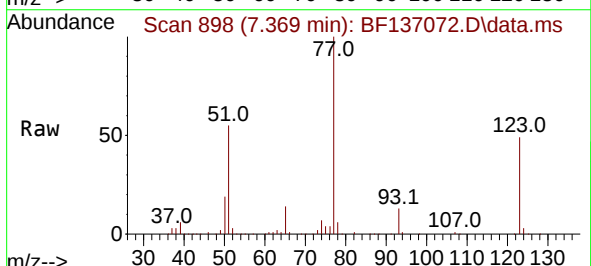
Tgt Ion: 77 Resp: 133841

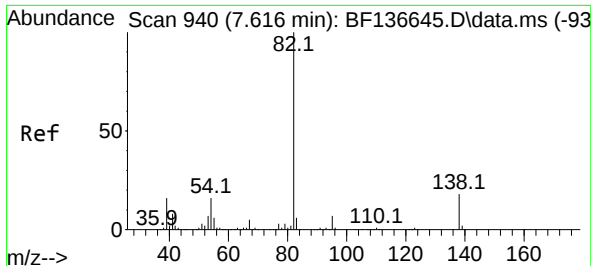
Ion Ratio Lower Upper

77 100

123 49.3 36.7 55.1

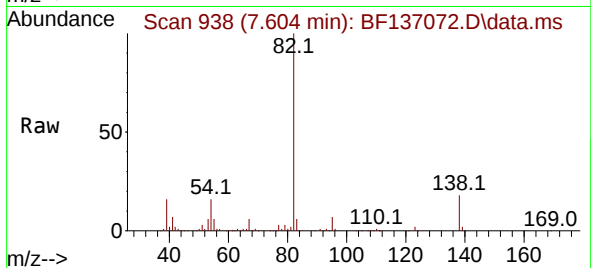
65 13.9 11.8 17.6





#25
Isophorone
Concen: 39.948 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

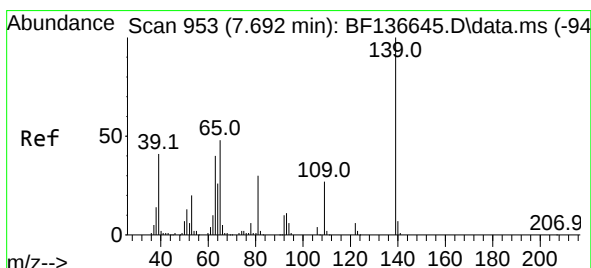
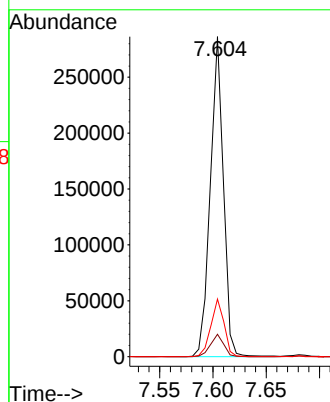
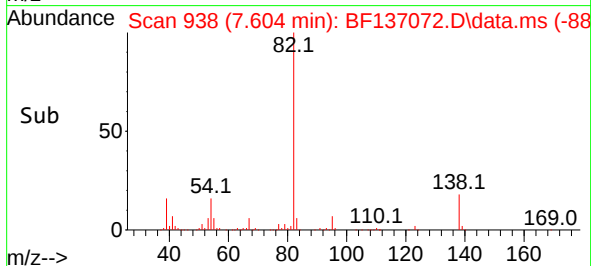
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



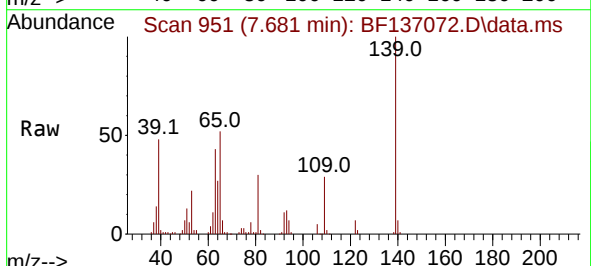
Tgt Ion: 82 Resp: 245290
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.0 14.5 21.7

Manual Integrations
APPROVED

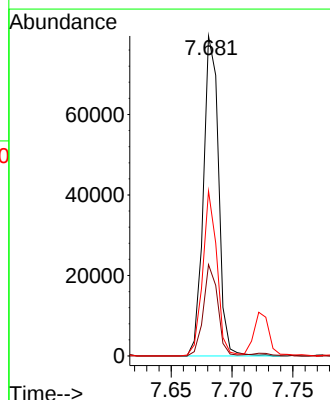
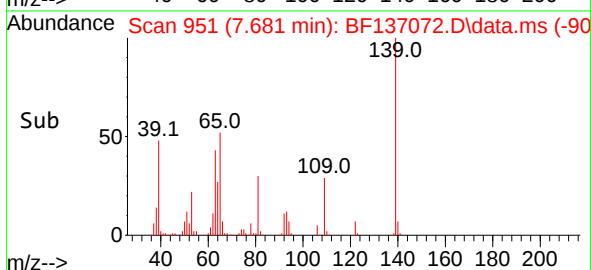
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

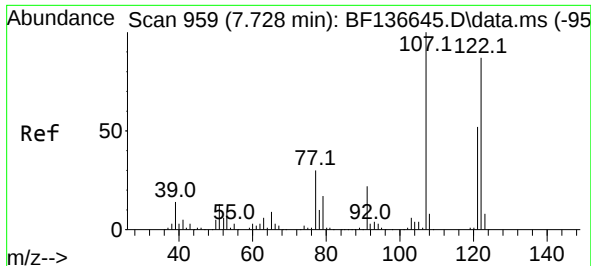


#26
2-Nitrophenol
Concen: 42.770 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:139 Resp: 69174
Ion Ratio Lower Upper
139 100
109 28.6 21.9 32.9
65 51.6 38.6 58.0





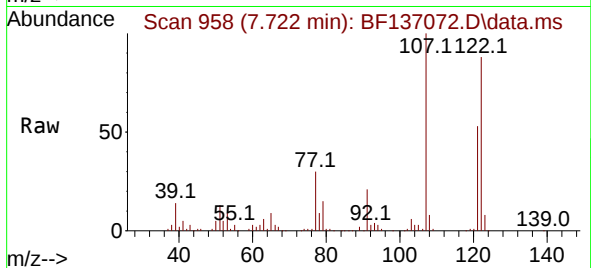
#27
2,4-Dimethylphenol
Concen: 51.428 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

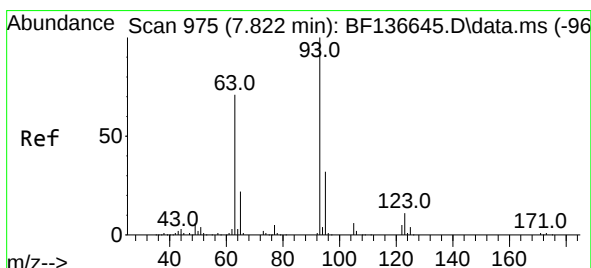
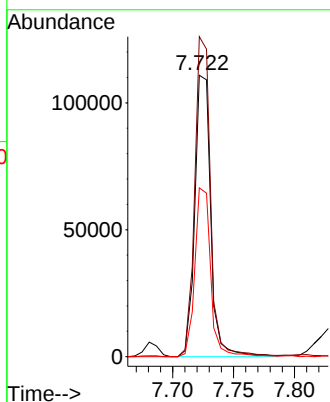
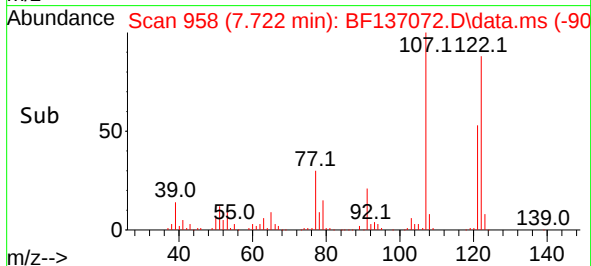


Tgt Ion:122 Resp: 101264
Ion Ratio Lower Upper
122 100
107 113.7 92.0 138.0
121 60.0 47.5 71.3

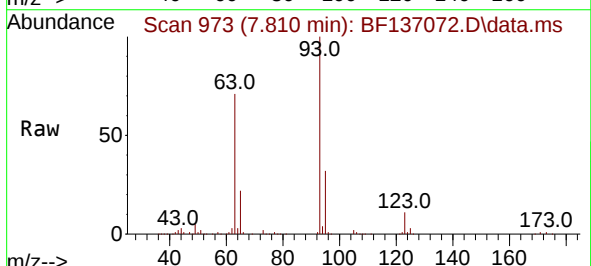
Manual Integrations

APPROVED

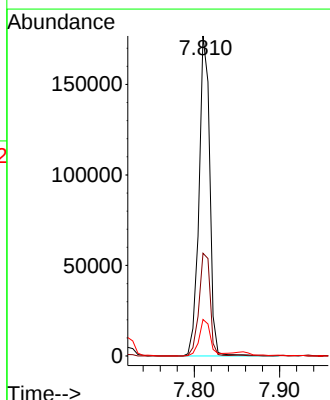
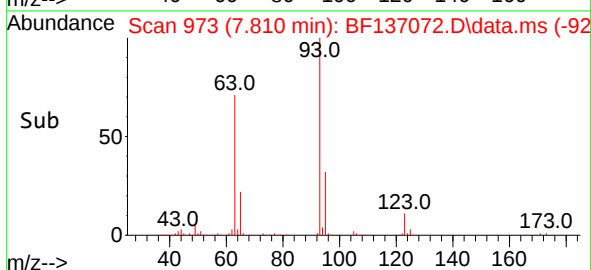
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

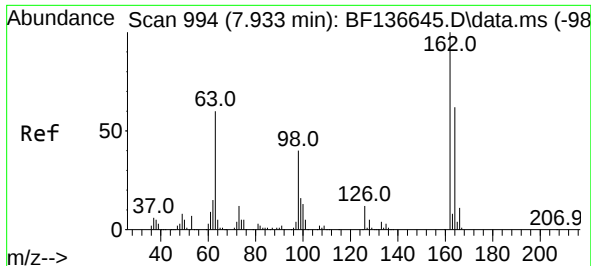


#28
bis(2-Chloroethoxy)methane
Concen: 41.655 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion: 93 Resp: 155475
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.4 9.2 13.8





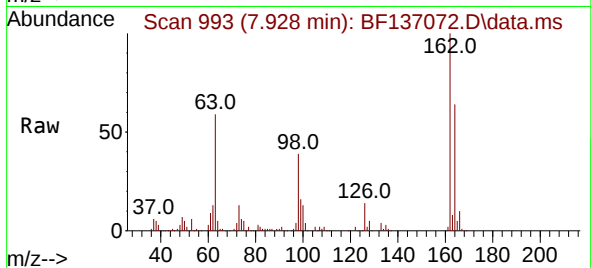
#29
2,4-Dichlorophenol
Concen: 40.359 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

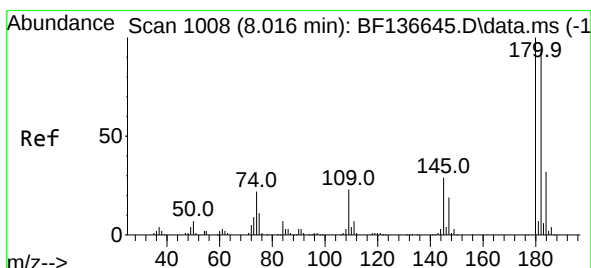
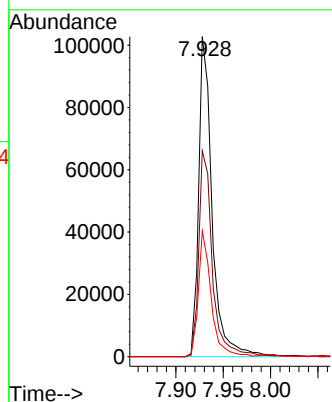
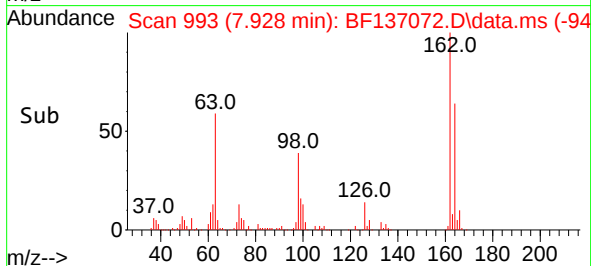


Tgt Ion:162 Resp: 102309
Ion Ratio Lower Upper
162 100
164 64.3 41.7 81.7
98 39.3 19.5 59.5

Manual Integrations

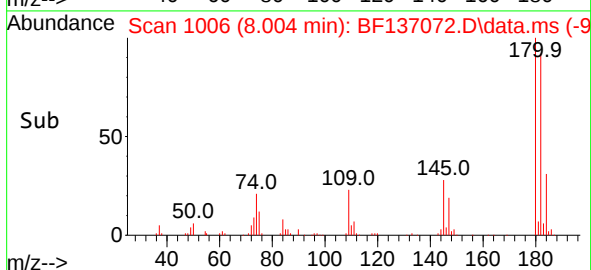
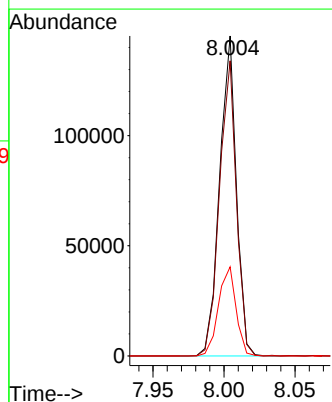
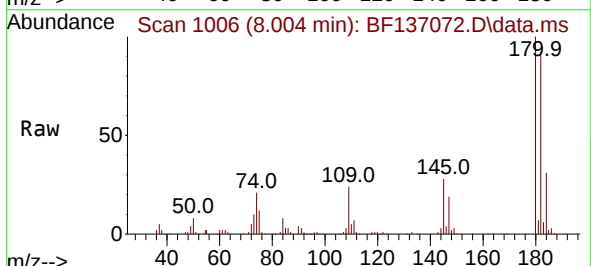
APPROVED

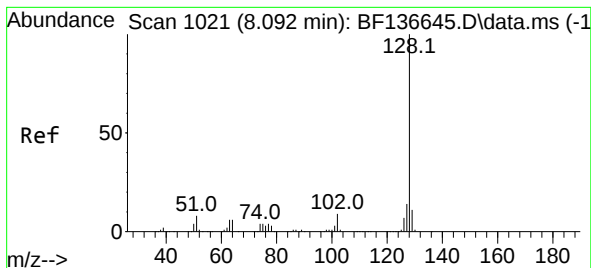
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:180 Resp: 118630
Ion Ratio Lower Upper
180 100
182 92.2 75.4 113.0
145 27.9 23.1 34.7





#31
Naphthalene
Concen: 40.802 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

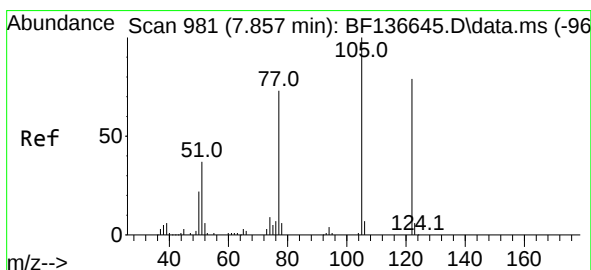
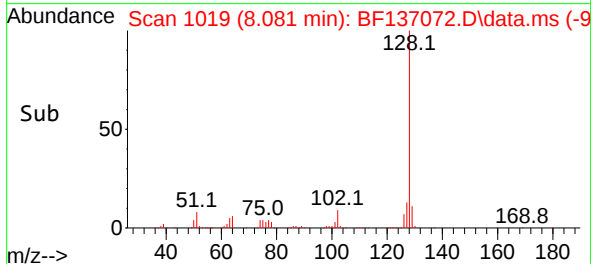
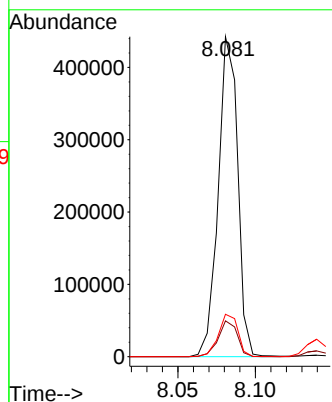
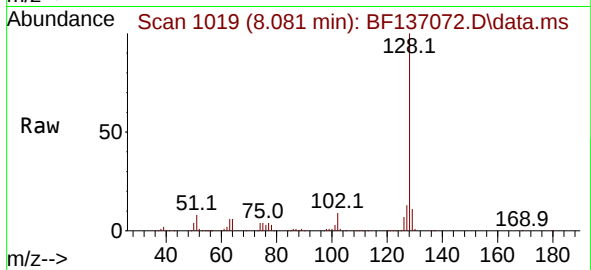
MR-309-37-39MSD

Tgt Ion:128 Resp: 38707
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2

Manual Integrations

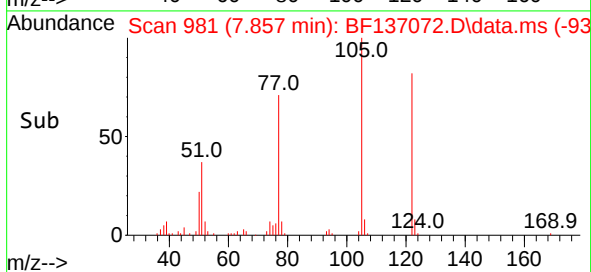
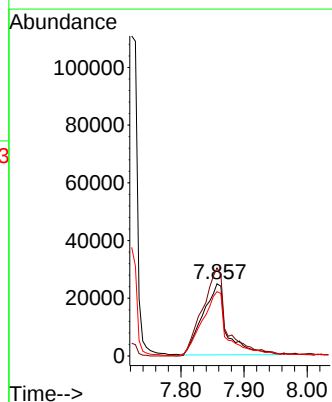
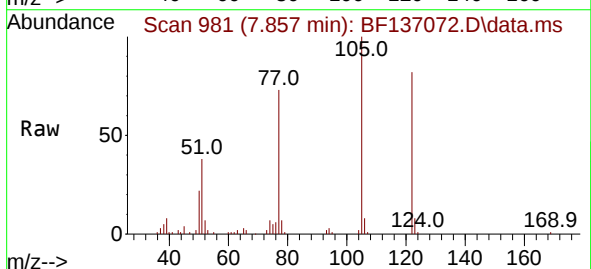
APPROVED

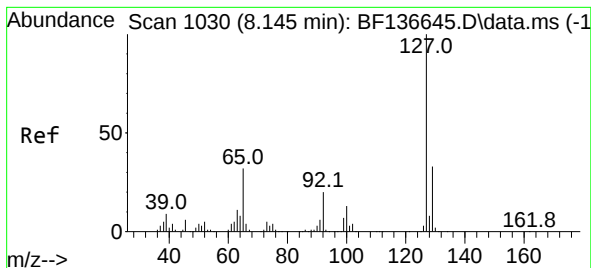
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#32
Benzoic acid
Concen: 34.861 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:122 Resp: 66417
Ion Ratio Lower Upper
122 100
105 121.9 100.8 140.8
77 89.1 70.9 110.9





#33

4-Chloroaniline

Concen: 8.301 ng

RT: 8.140 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

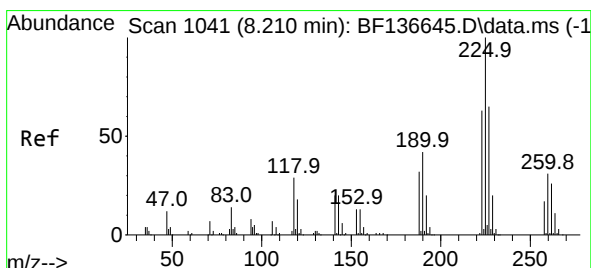
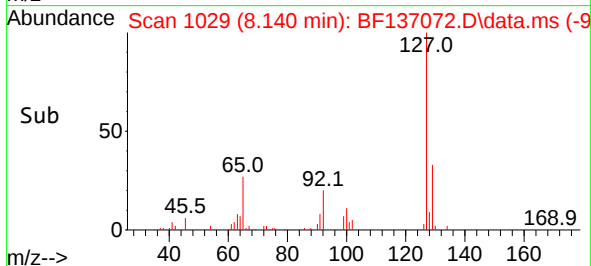
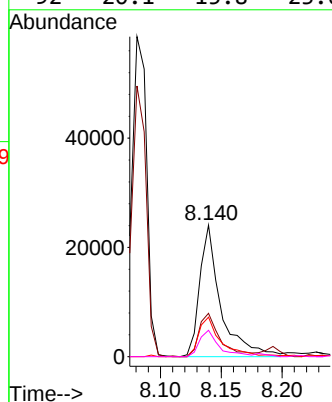
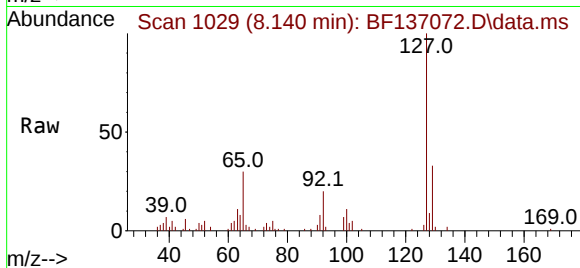
MR-309-37-39MSD

Tgt Ion:	127	Resp:	29070
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.3	39.5
65	30.1	25.8	38.8
92	20.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#34

Hexachlorobutadiene

Concen: 40.136 ng

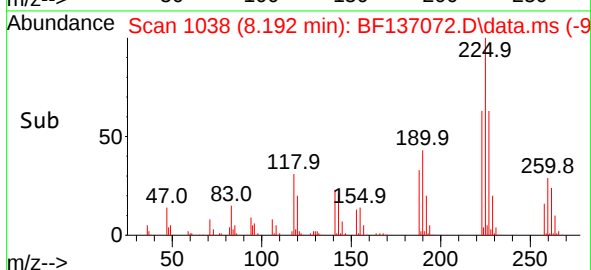
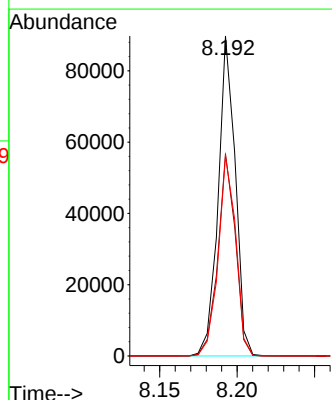
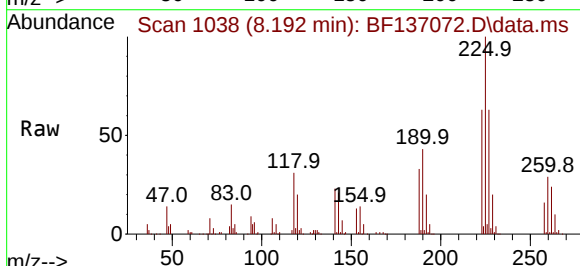
RT: 8.192 min Scan# 1038

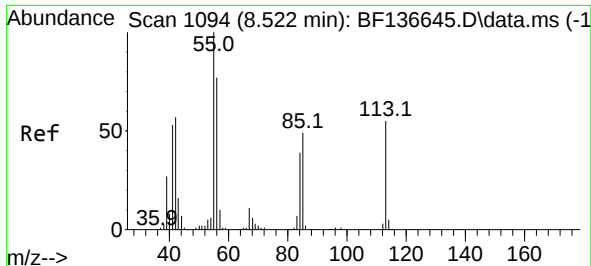
Delta R.T. -0.017 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:	225	Resp:	68875
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	76.0
227	62.6	51.9	77.9





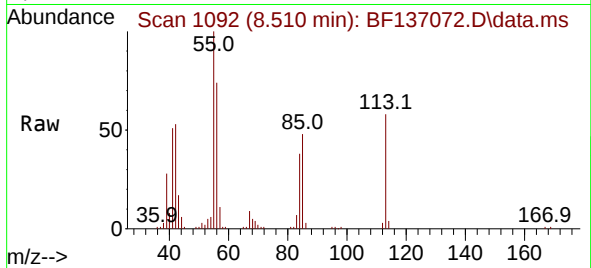
#35
 Caprolactam
 Concen: 38.648 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.012 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

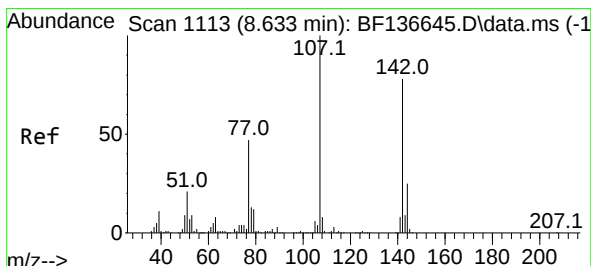
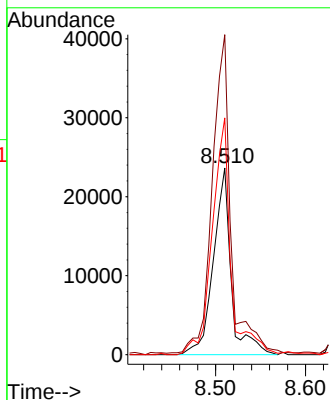
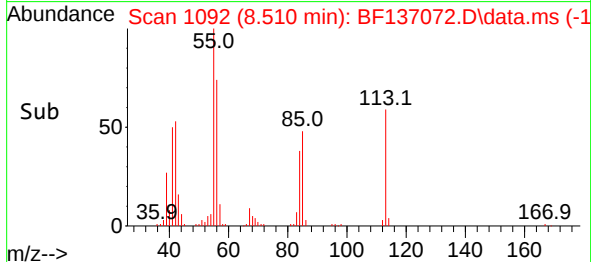


Tgt Ion:113 Resp: 32320
 Ion Ratio Lower Upper
 113 100
 55 171.4 163.1 203.1
 56 126.8 121.7 161.7

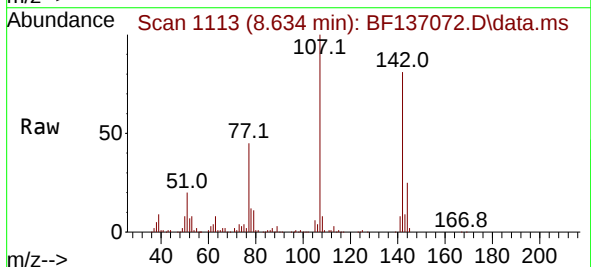
Manual Integrations

APPROVED

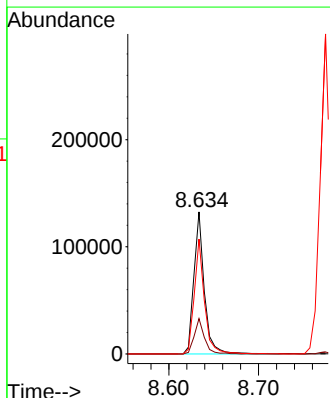
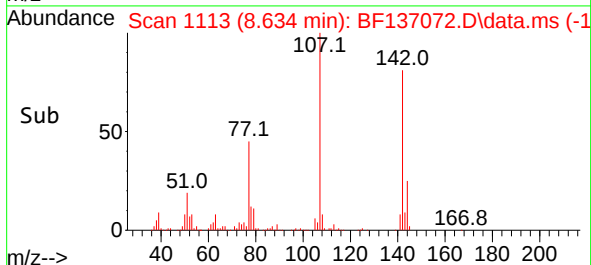
Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024

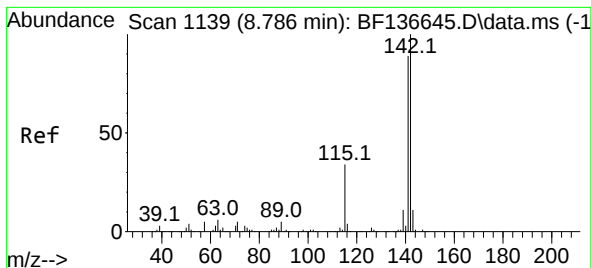


#36
 4-Chloro-3-methylphenol
 Concen: 37.575 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137072.D
 Acq: 15 Jan 2024 19:36



Tgt Ion:107 Resp: 107232
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 80.8 62.3 93.5





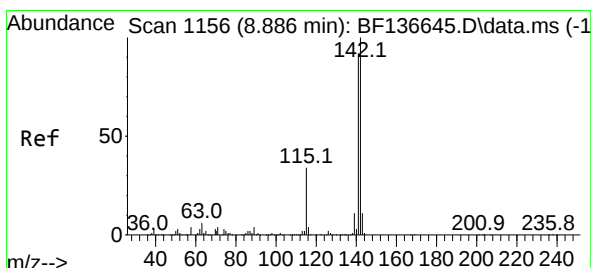
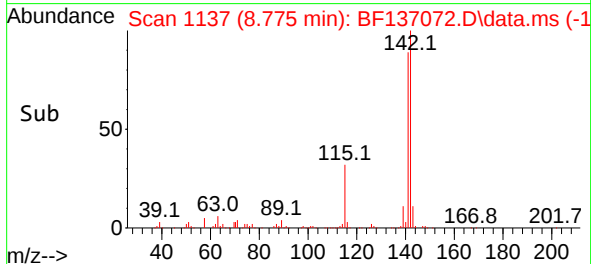
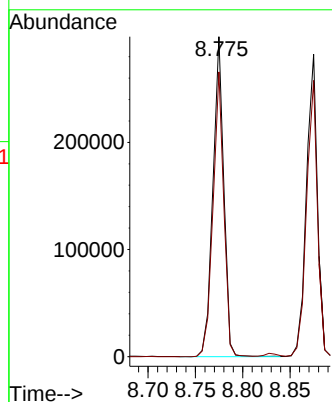
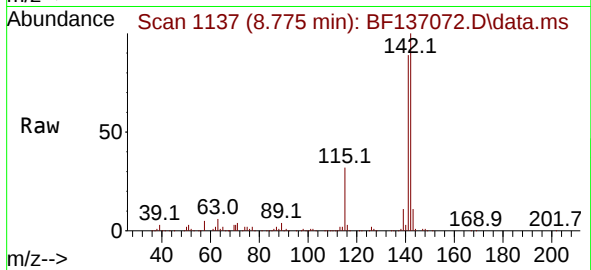
#37
2-Methylnaphthalene
Concen: 38.878 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD

Tgt Ion:142 Resp: 237364
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7

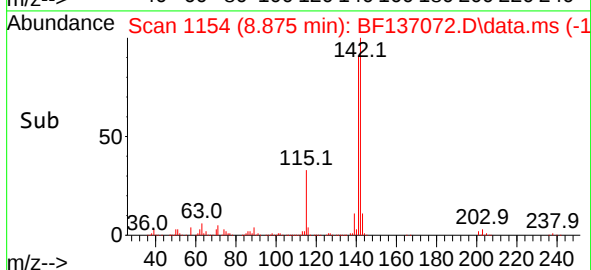
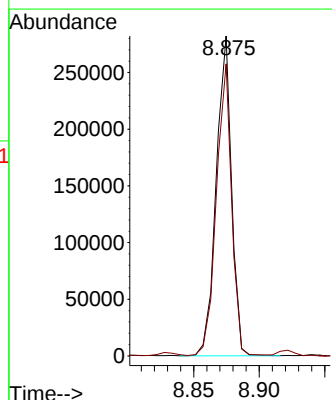
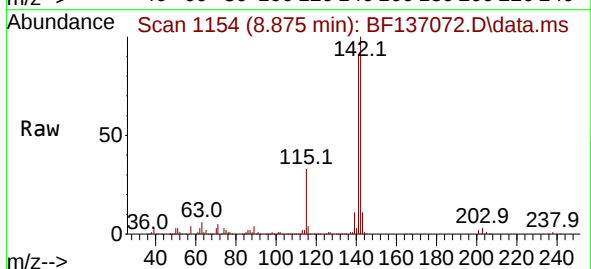
Manual Integrations
APPROVED

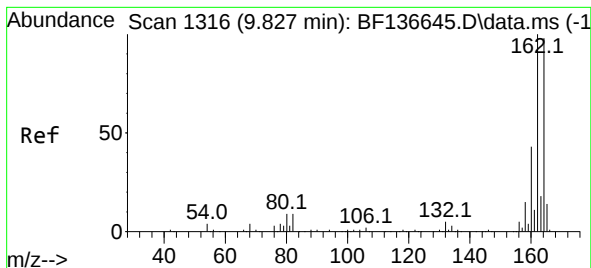
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#38
1-Methylnaphthalene
Concen: 38.199 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:142 Resp: 228807
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137072.D

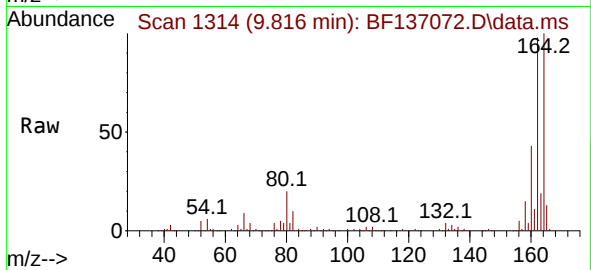
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD



Tgt Ion:164 Resp: 79650

Ion Ratio Lower Upper

164 100

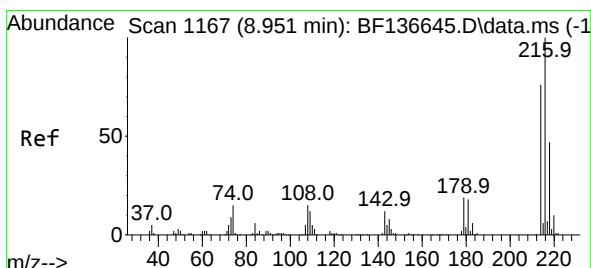
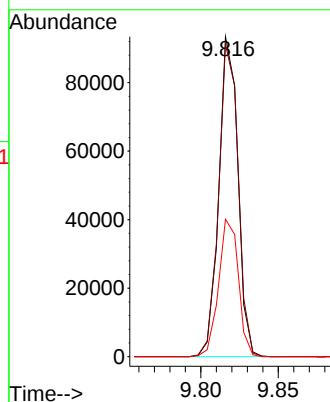
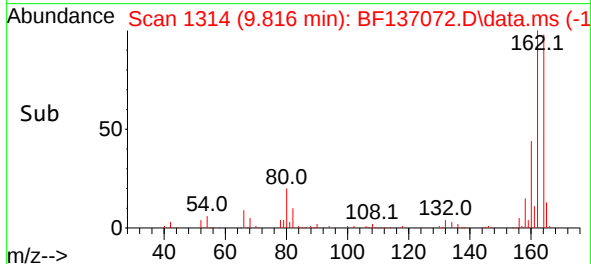
162 97.6 81.6 122.4

160 43.0 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.552 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:216 Resp: 117297

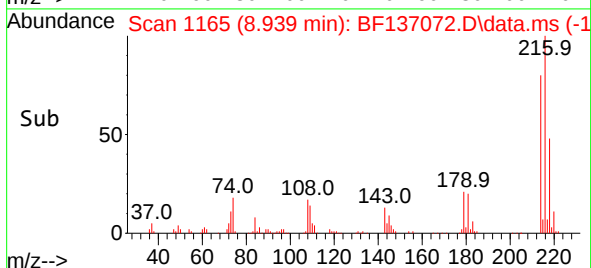
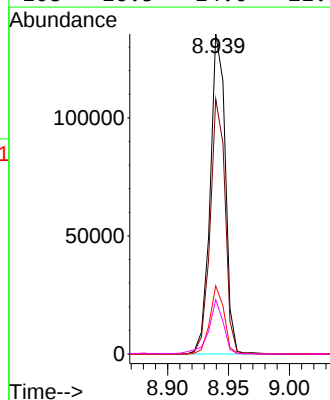
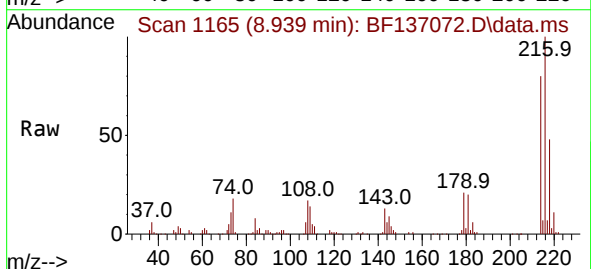
Ion Ratio Lower Upper

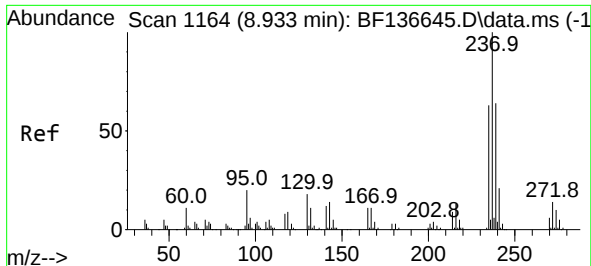
216 100

214 78.3 62.3 93.5

179 19.9 16.4 24.6

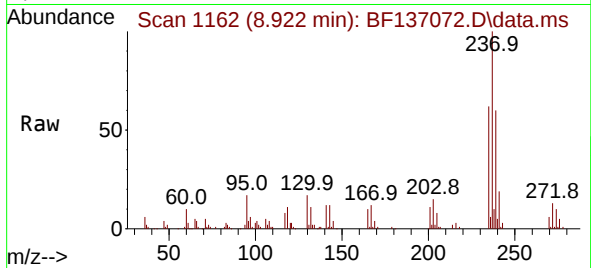
108 16.5 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 44.265 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

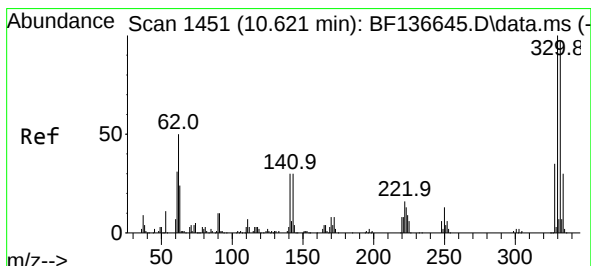
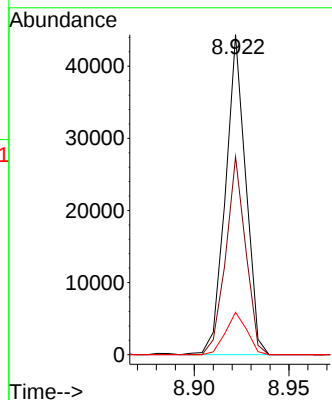
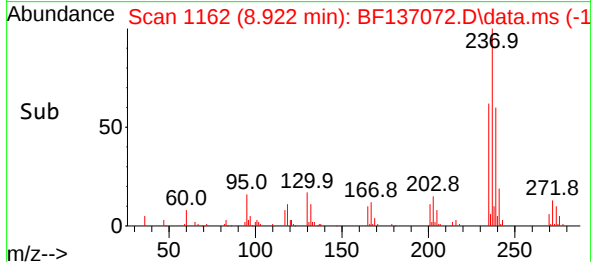
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



Tgt Ion:237 Resp: 3298
Ion Ratio Lower Upper
237 100
235 61.9 43.2 83.2
272 13.2 0.0 34.2

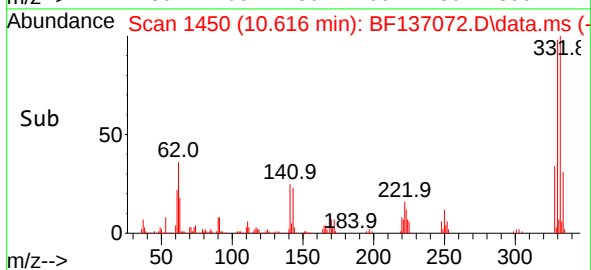
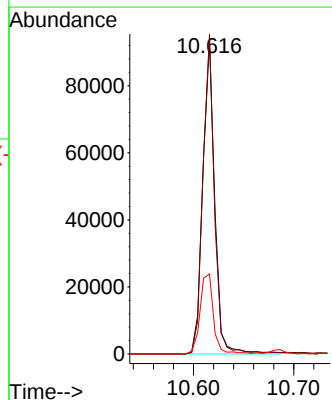
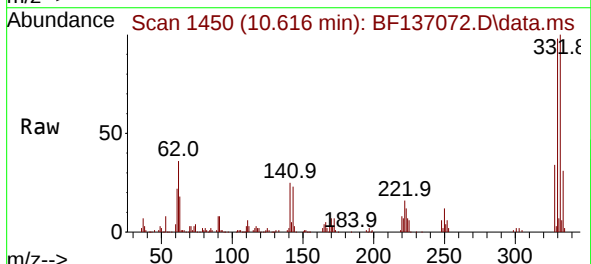
Manual Integrations
APPROVED

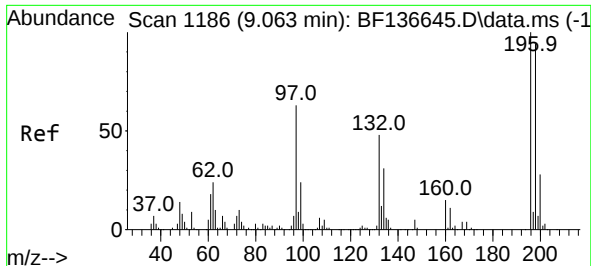
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#42
2,4,6-Tribromophenol
Concen: 82.966 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

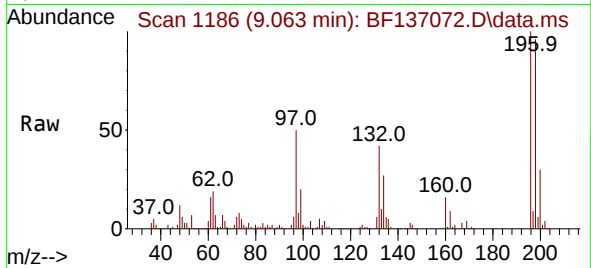
Tgt Ion:330 Resp: 77827
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 43.849 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

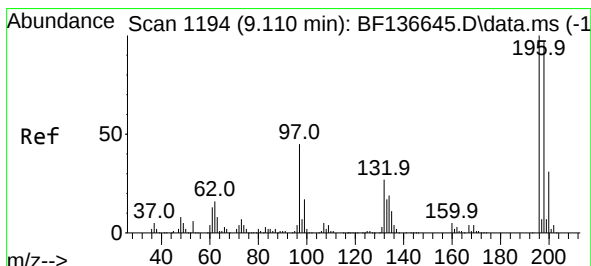
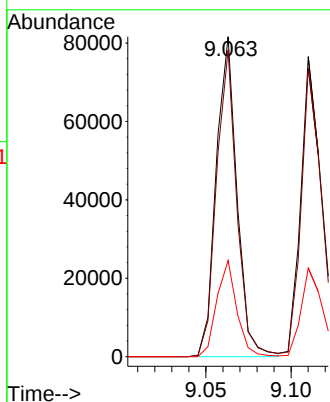
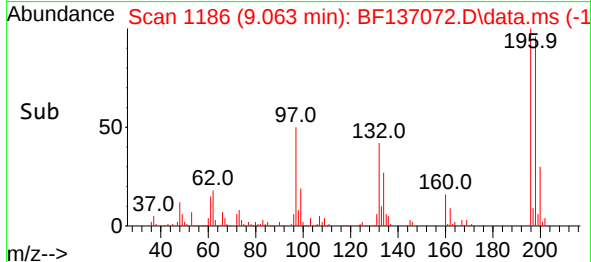
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



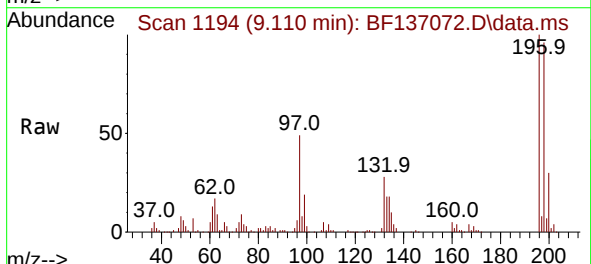
Tgt Ion:196 Resp: 6936
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 30.1 22.5 33.7

Manual Integrations
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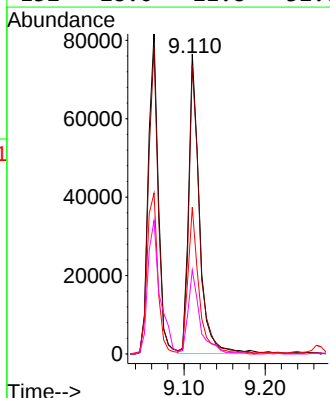
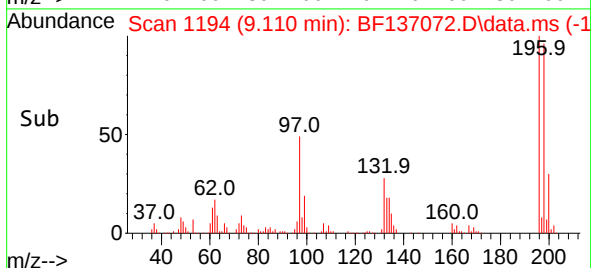
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

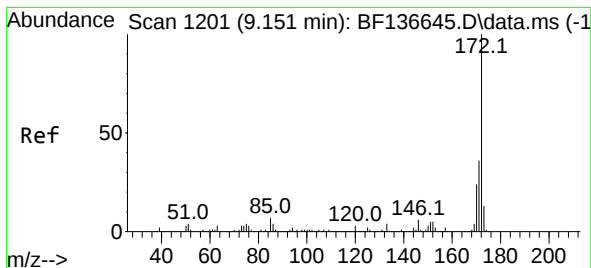


#44
2,4,5-Trichlorophenol
Concen: 40.398 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:196 Resp: 71216
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 48.9 36.1 54.1
132 28.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 62.014 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137072.D

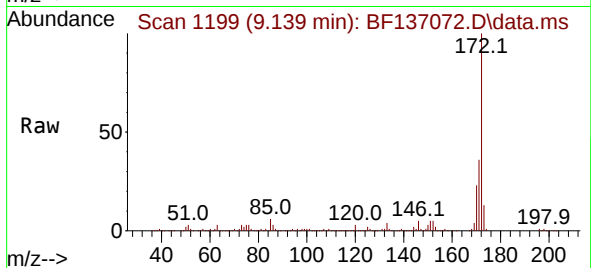
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD



Tgt Ion:172 Resp: 36724

Ion Ratio Lower Upper

172 100

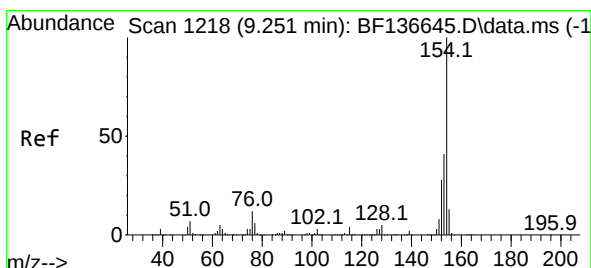
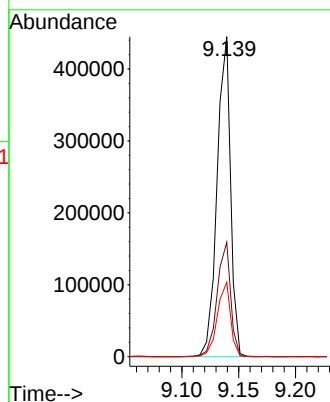
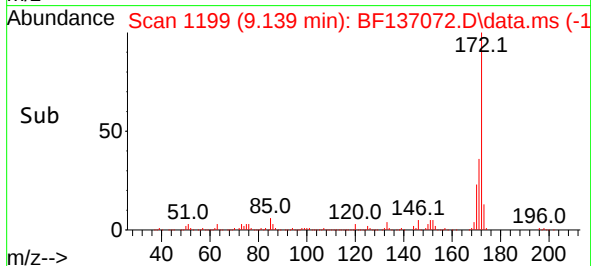
171 35.8 29.0 43.6

170 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#46

1,1'-Biphenyl

Concen: 45.395 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

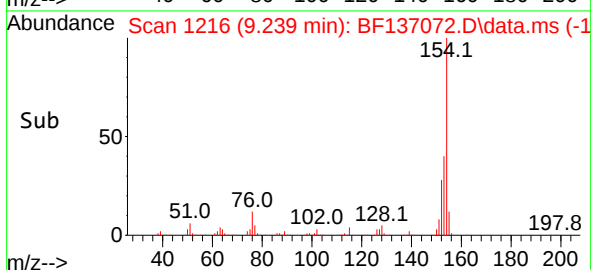
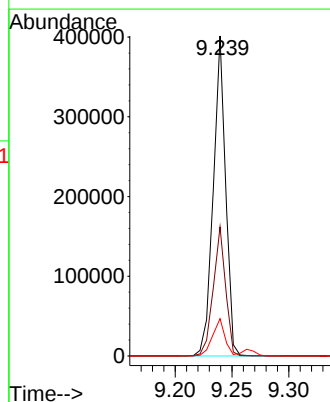
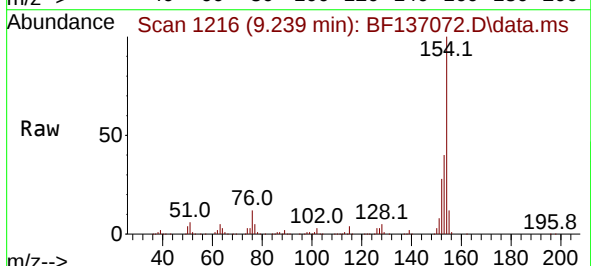
Tgt Ion:154 Resp: 303415

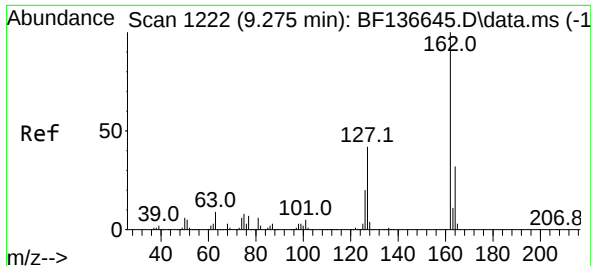
Ion Ratio Lower Upper

154 100

153 40.4 21.1 61.1

76 11.6 0.0 31.7





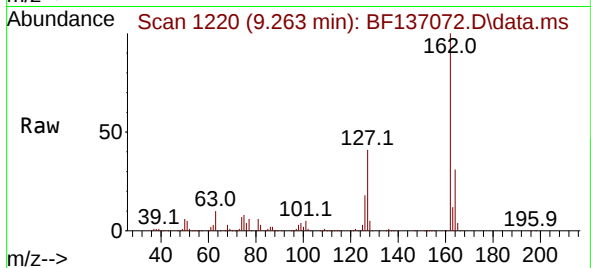
#47
2-Chloronaphthalene
Concen: 42.586 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

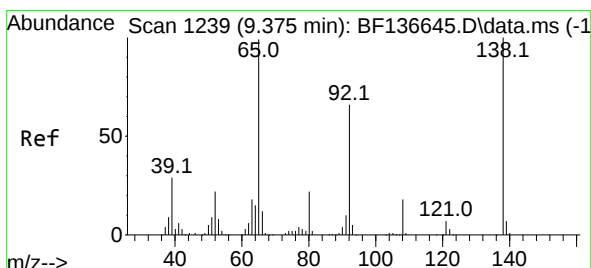
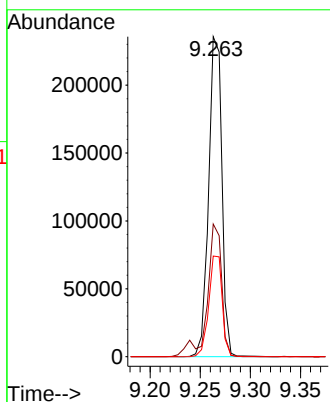
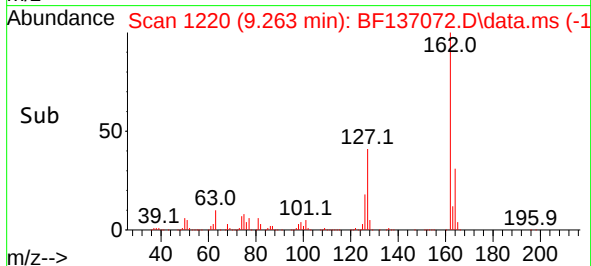
MR-309-37-39MSD



Tgt Ion:162 Resp: 216384
Ion Ratio Lower Upper
162 100
127 41.5 33.6 50.4
164 31.5 25.7 38.5

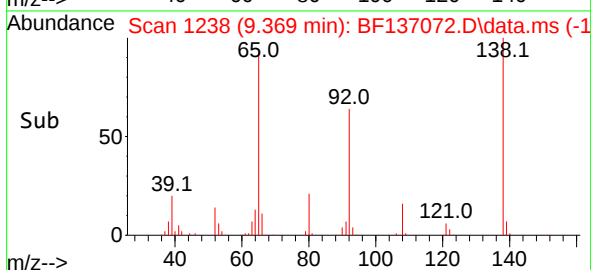
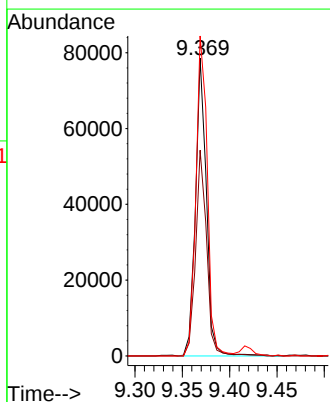
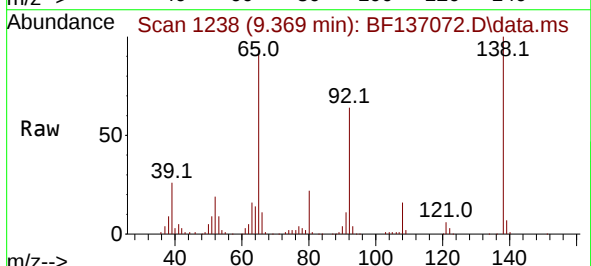
Manual Integrations
APPROVED

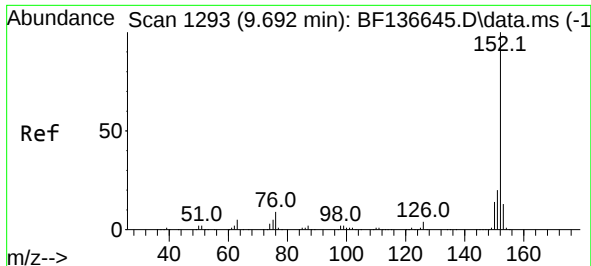
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#48
2-Nitroaniline
Concen: 39.806 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion: 65 Resp: 63337
Ion Ratio Lower Upper
65 100
92 69.0 53.2 79.8
138 107.4 81.1 121.7





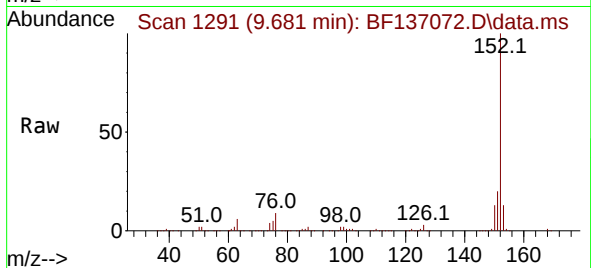
#49
Acenaphthylene
Concen: 46.368 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

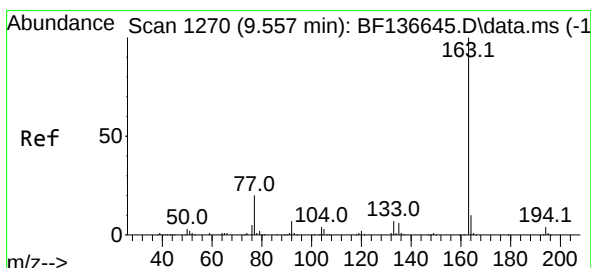
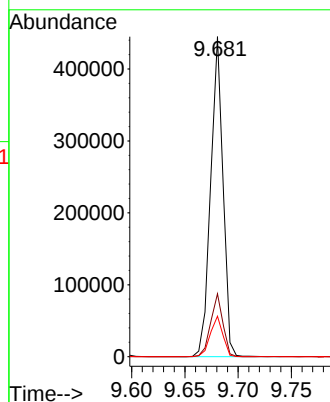
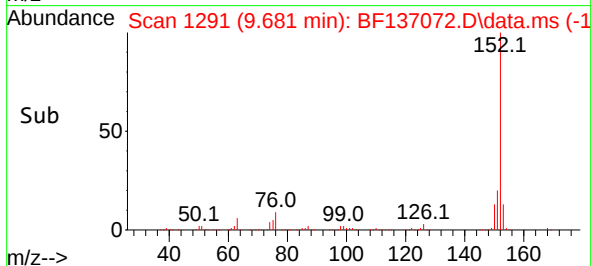


Tgt Ion:152 Resp: 36012
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.6 10.2 15.2

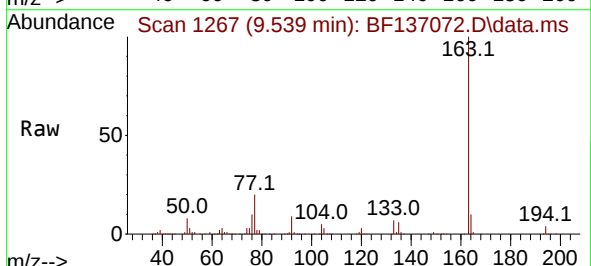
Manual Integrations

APPROVED

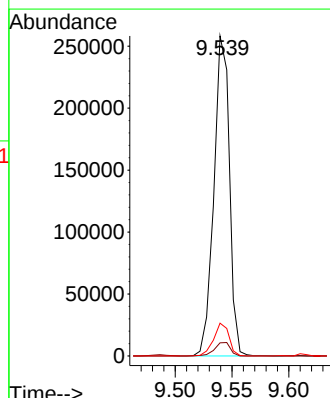
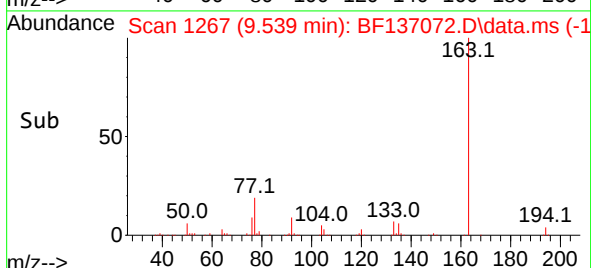
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

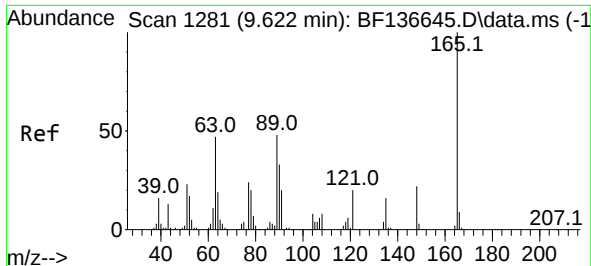


#50
Dimethylphthalate
Concen: 42.250 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:163 Resp: 245803
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 40.178 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

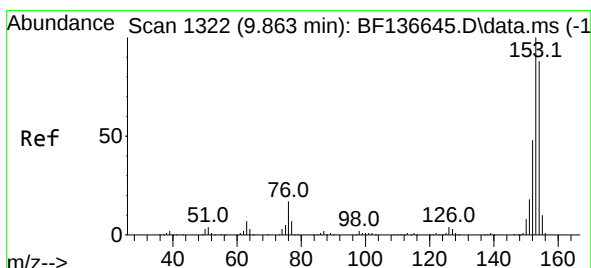
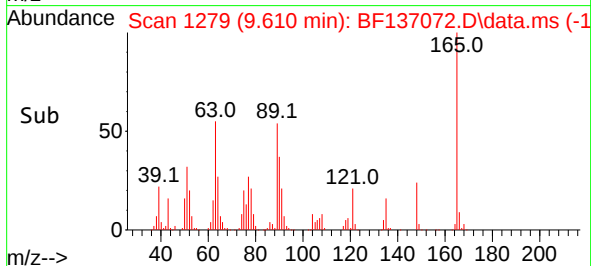
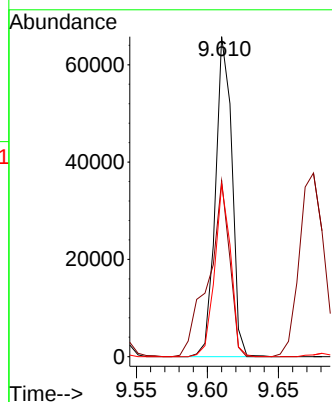
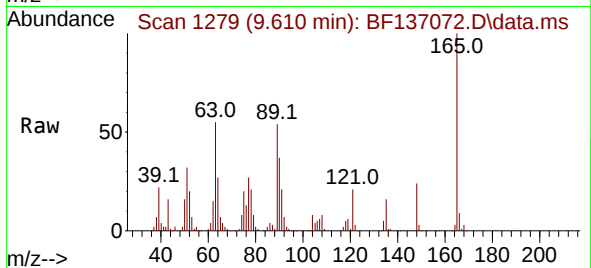
MR-309-37-39MSD

Tgt Ion:165 Resp: 53049
Ion Ratio Lower Upper
165 100
63 55.0 39.8 59.6
89 53.9 38.8 58.2

Manual Integrations

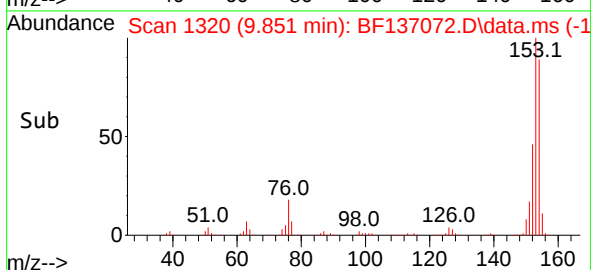
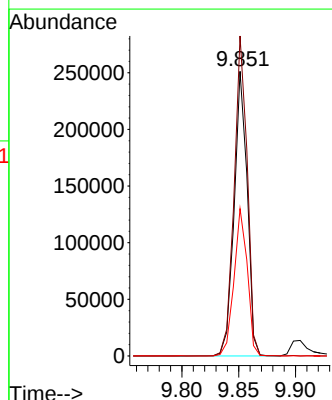
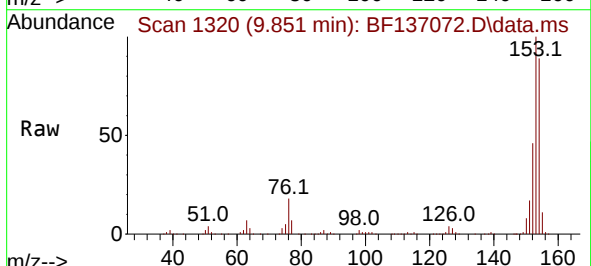
APPROVED

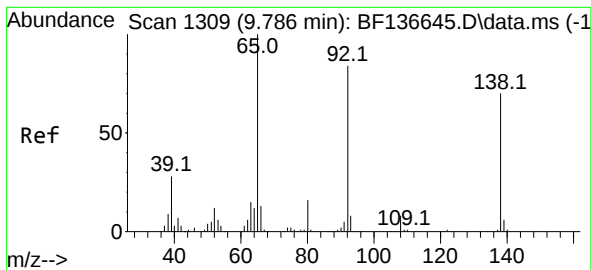
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#52
Acenaphthene
Concen: 41.634 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:154 Resp: 200437
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 51.8 43.7 65.5





#53

3-Nitroaniline

Concen: 22.641 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

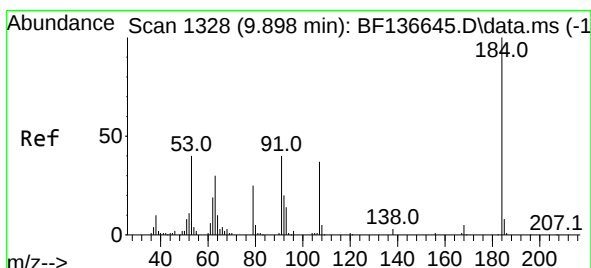
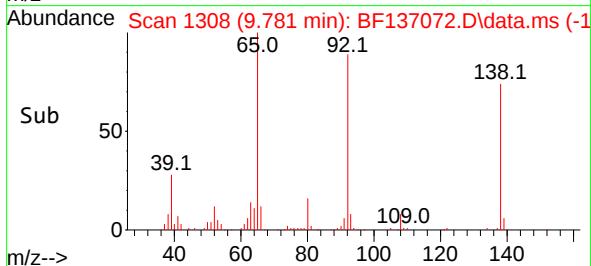
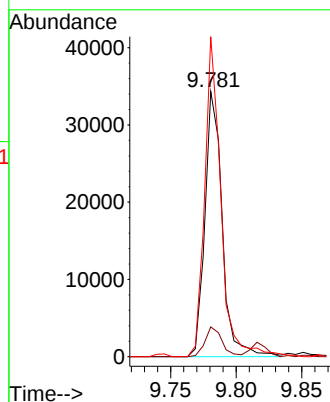
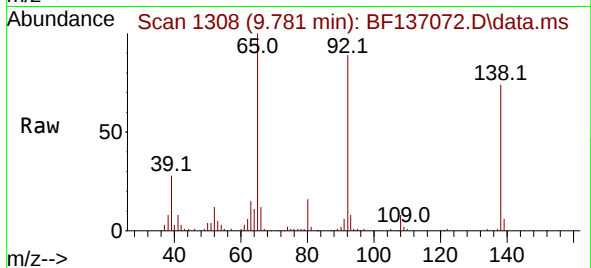
MR-309-37-39MSD

Tgt Ion:138 Resp: 3166
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.6 12.8
 92 120.7 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#54

2,4-Dinitrophenol

Concen: 43.164 ng

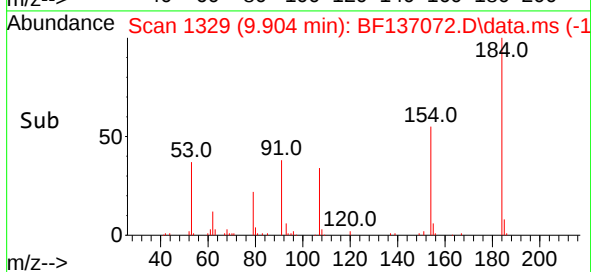
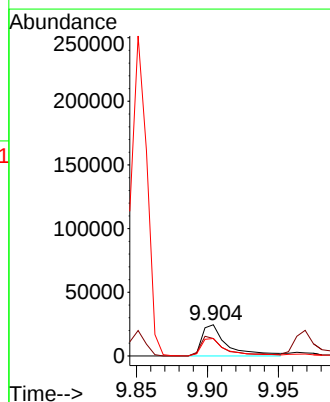
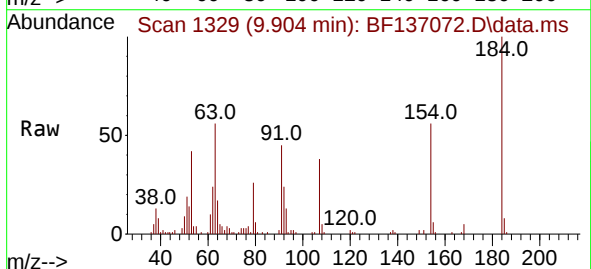
RT: 9.904 min Scan# 1329

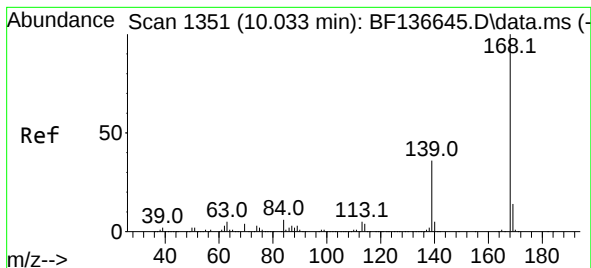
Delta R.T. 0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:184 Resp: 30266
 Ion Ratio Lower Upper
 184 100
 63 55.7 40.9 61.3
 154 55.9 42.7 64.1





#55

Dibenzenofuran

Concen: 41.631 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

Tgt Ion:168 Resp: 303810

Ion Ratio Lower Upper

168 100

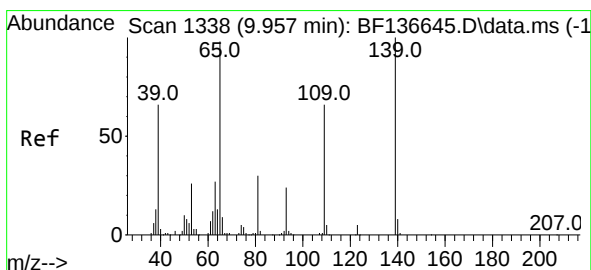
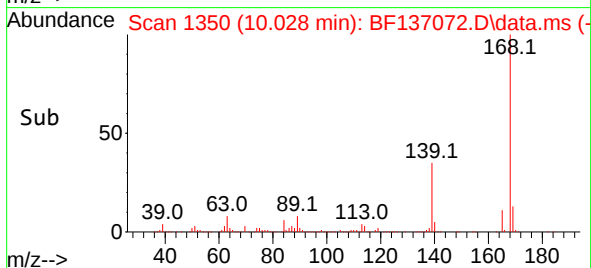
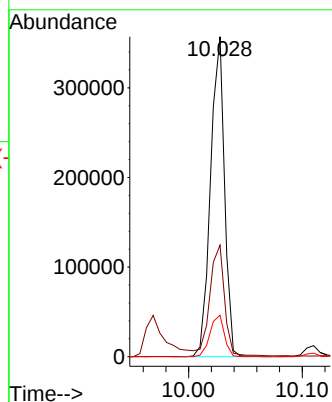
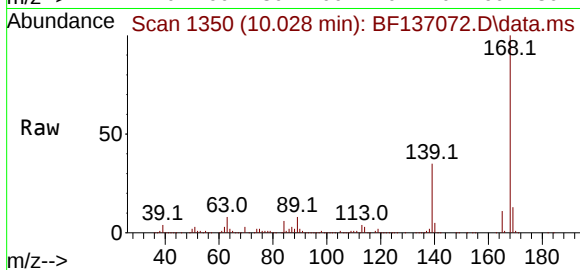
139 34.8 29.3 43.9

169 13.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#56

4-Nitrophenol

Concen: 59.395 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

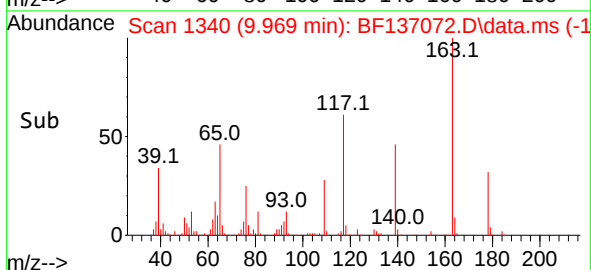
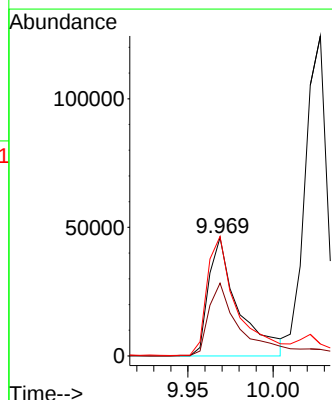
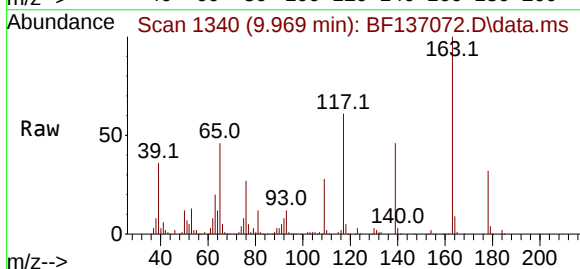
Tgt Ion:139 Resp: 56080

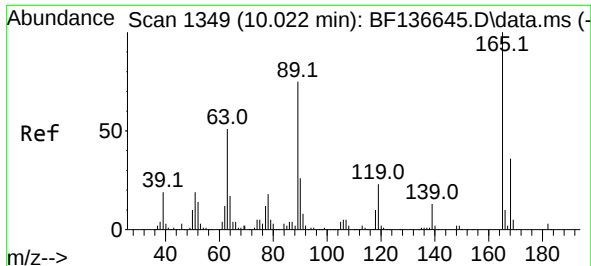
Ion Ratio Lower Upper

139 100

109 61.5 45.8 85.8

65 100.9 77.8 117.8





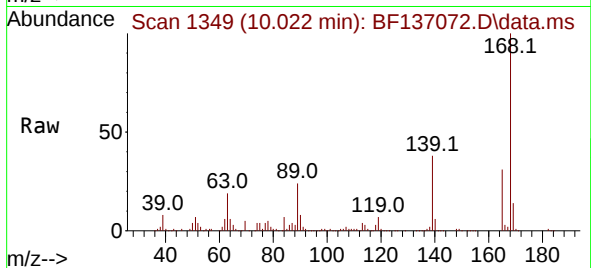
#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.022 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

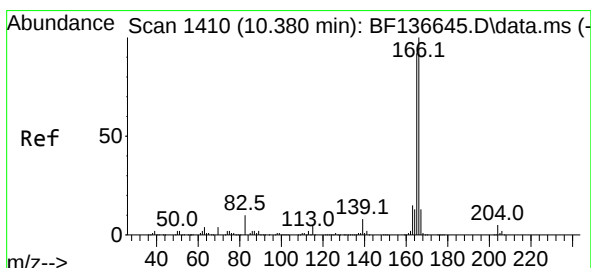
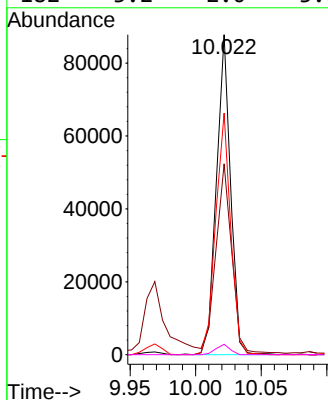
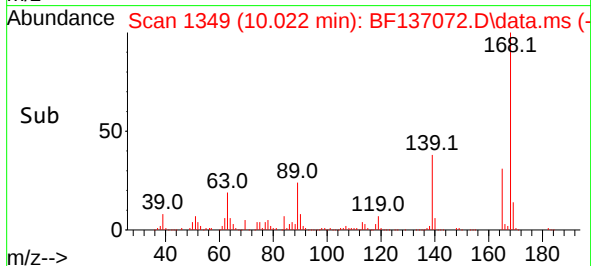


Tgt Ion:165 Resp: 66025
Ion Ratio Lower Upper
165 100
63 59.6 41.0 61.6
89 75.5 59.9 89.9
182 3.2 2.0 3.0#

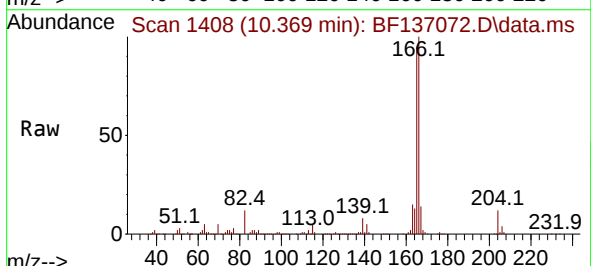
Manual Integrations

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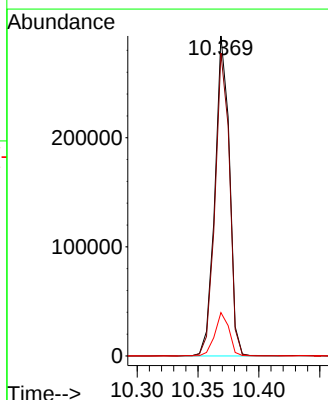
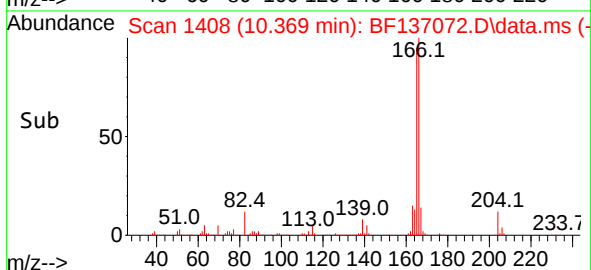
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

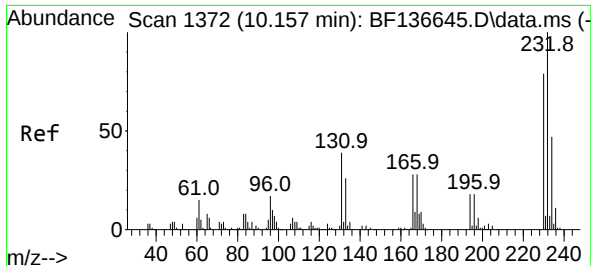


#58
Fluorene
Concen: 42.009 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



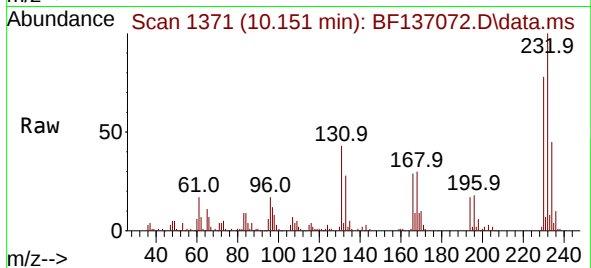
Tgt Ion:166 Resp: 243254
Ion Ratio Lower Upper
166 100
165 94.6 73.7 110.5
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.117 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

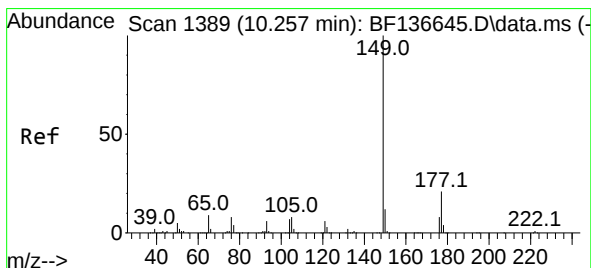
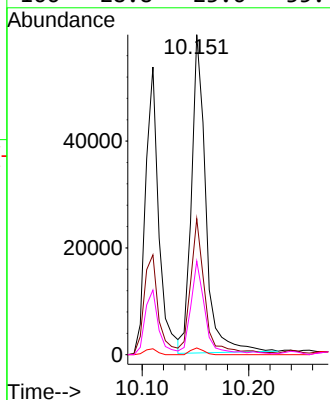
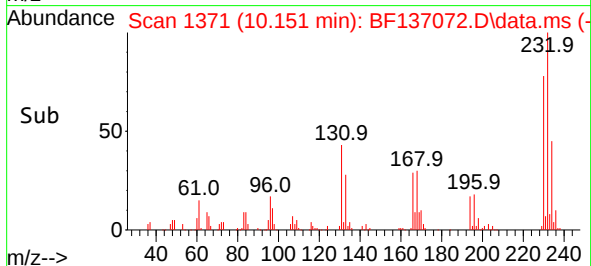
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



Tgt Ion:232 Resp: 55790
Ion Ratio Lower Upper
232 100
131 41.1 35.1 52.7
130 1.9 1.6 2.4
166 28.8 23.6 35.4

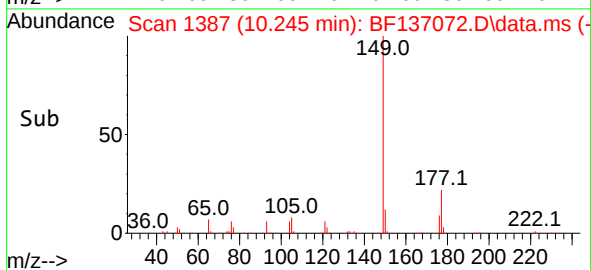
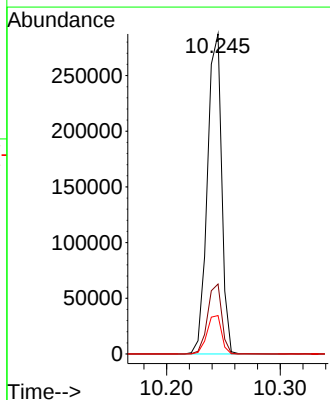
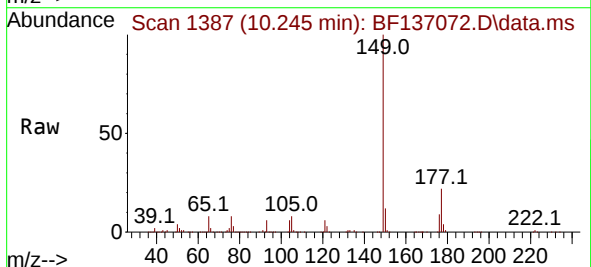
Manual Integrations
APPROVED

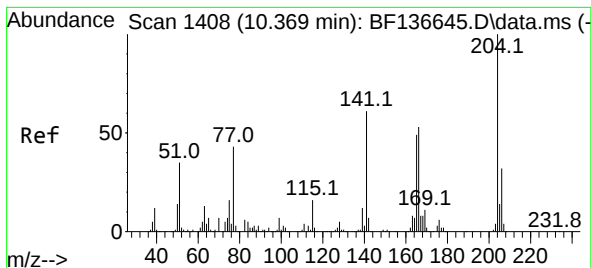
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#60
Diethylphthalate
Concen: 41.405 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

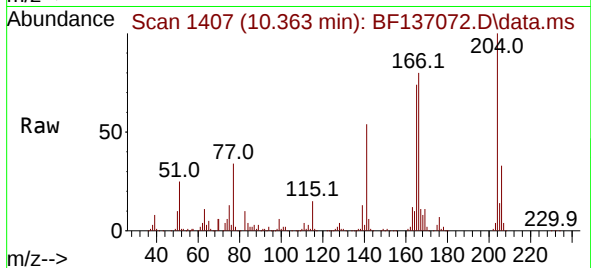
Tgt Ion:149 Resp: 249937
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 42.630 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

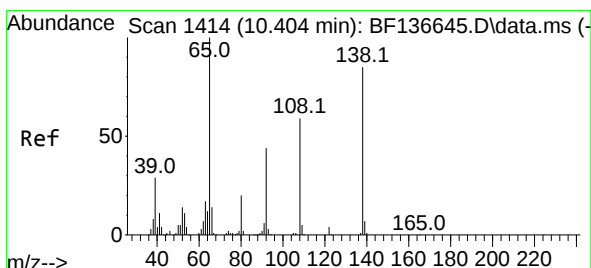
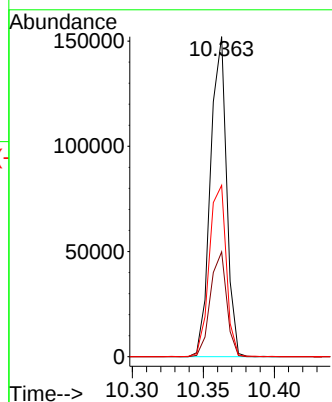
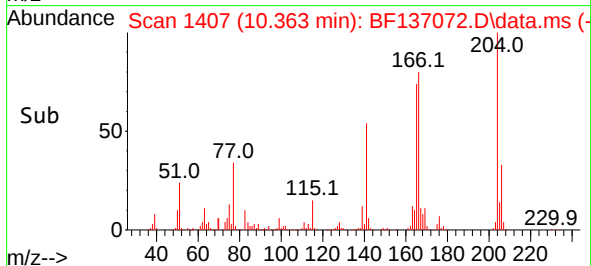
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



Tgt Ion:204 Resp: 11998
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 53.5 48.4 72.6

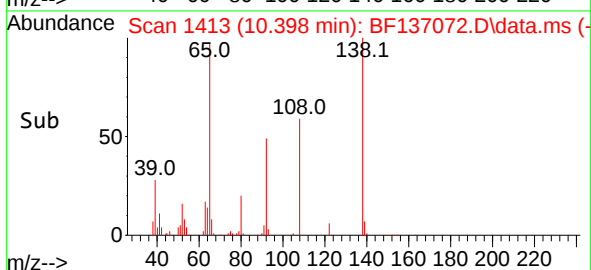
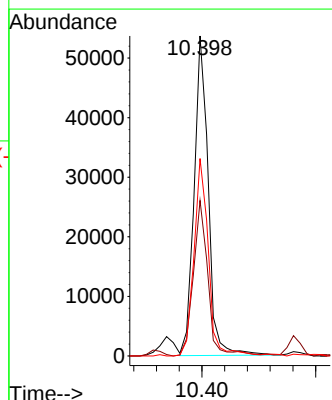
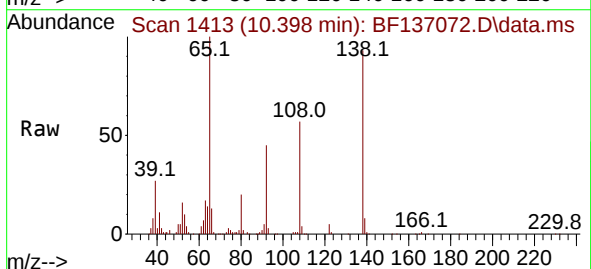
Manual Integrations
APPROVED

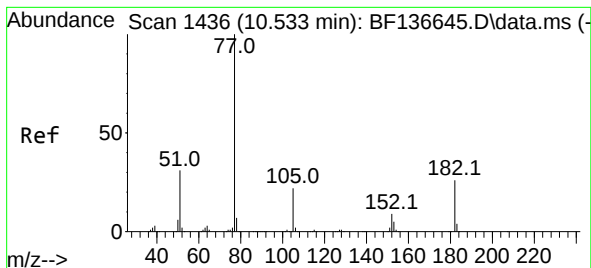
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#62
4-Nitroaniline
Concen: 34.405 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:138 Resp: 46390
Ion Ratio Lower Upper
138 100
92 48.6 32.1 72.1
108 61.7 50.1 90.1





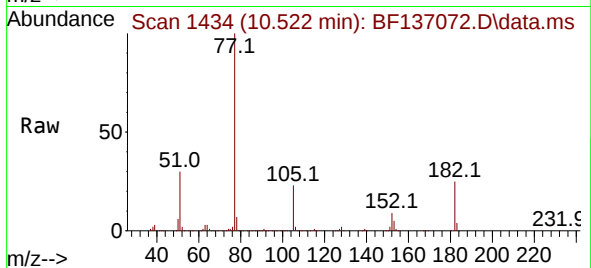
#63
Azobenzene
Concen: 39.794 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

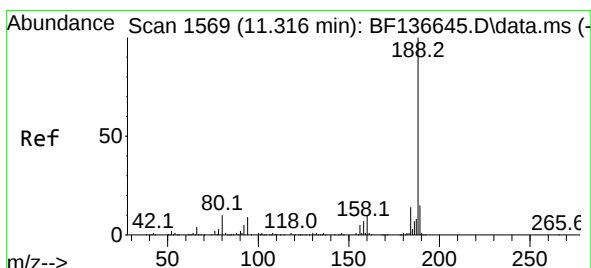
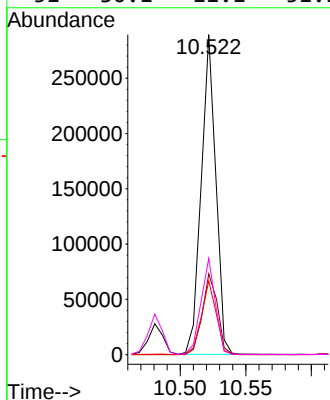
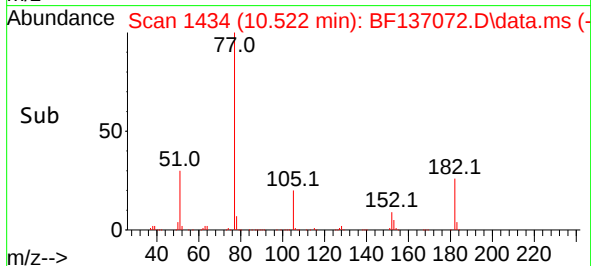


Tgt Ion: 77 Resp: 224350
Ion Ratio Lower Upper
77 100
182 25.2 6.0 46.0
105 23.1 2.3 42.3
51 30.1 11.1 51.1

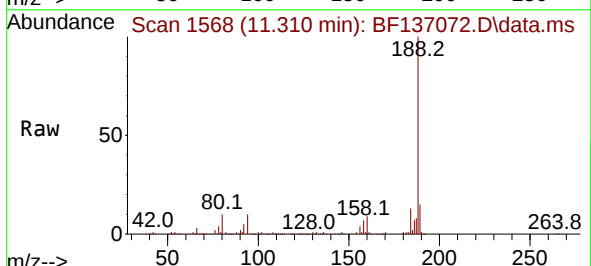
Manual Integrations

APPROVED

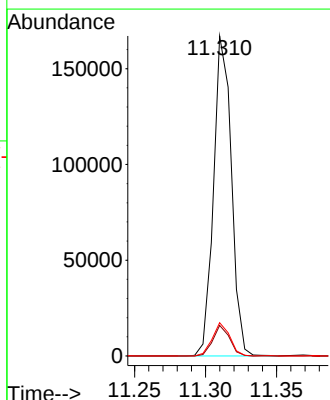
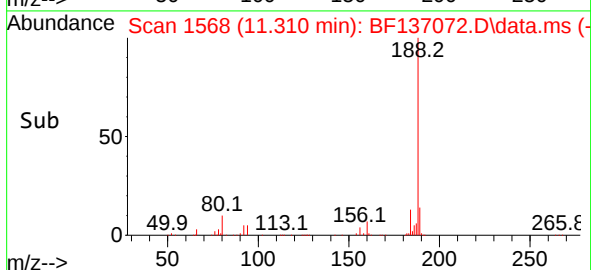
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

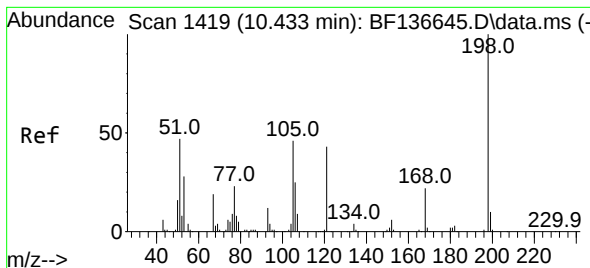


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:188 Resp: 145633
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 29.815 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

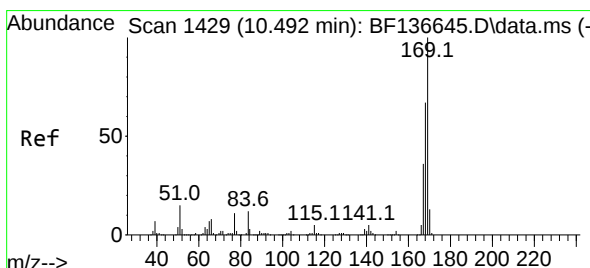
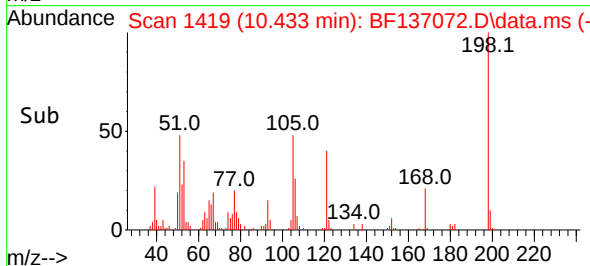
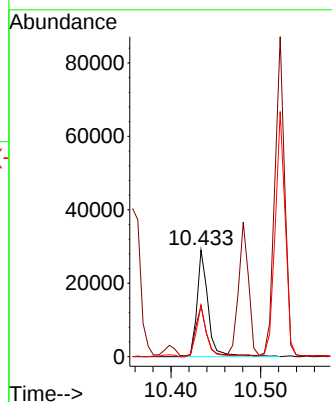
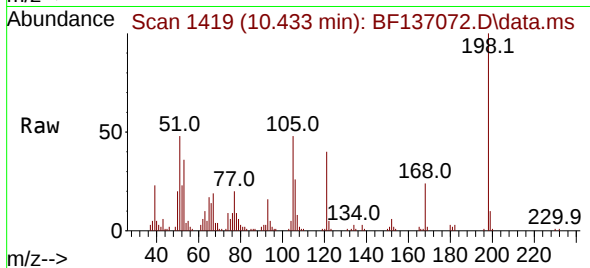
ClientSampleId :

MR-309-37-39MSD

Tgt Ion:198 Resp: 24884
Ion Ratio Lower Upper
198 100
51 48.0 34.1 74.1
105 48.2 27.3 67.3

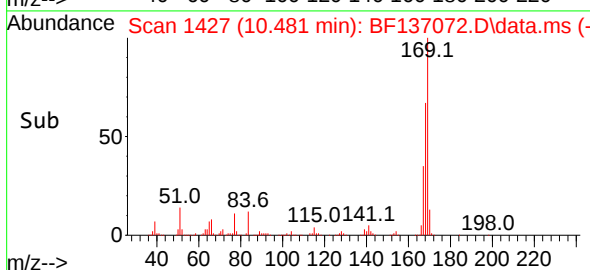
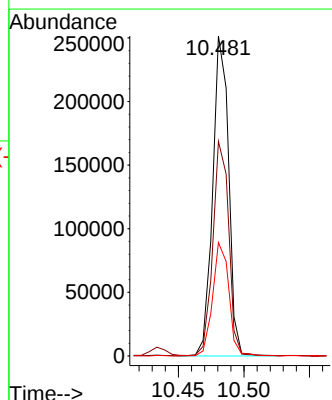
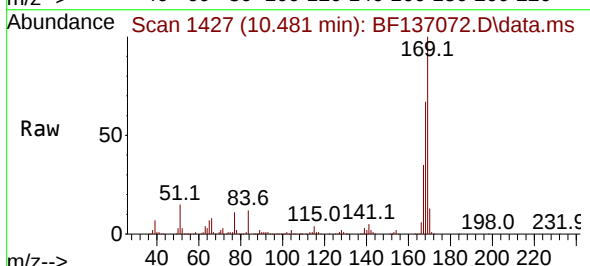
Manual Integrations
APPROVED

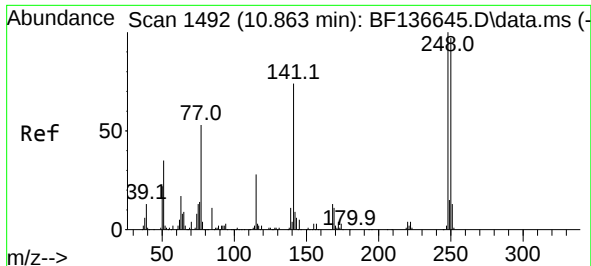
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#66
n-Nitrosodiphenylamine
Concen: 44.805 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Tgt Ion:169 Resp: 211963
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 35.5 28.7 43.1





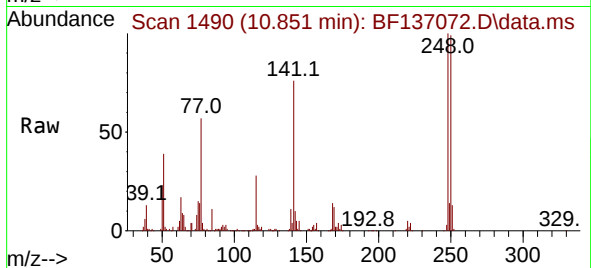
#67
4-Bromophenyl-phenylether
Concen: 43.133 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

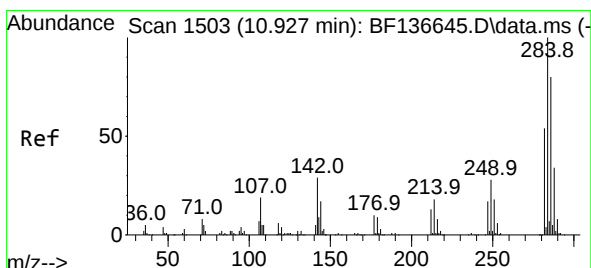
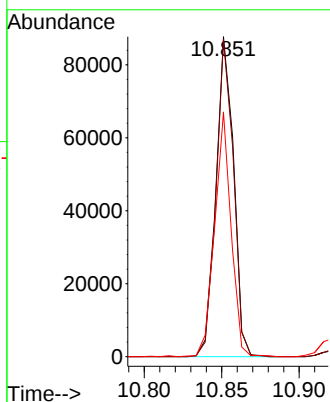
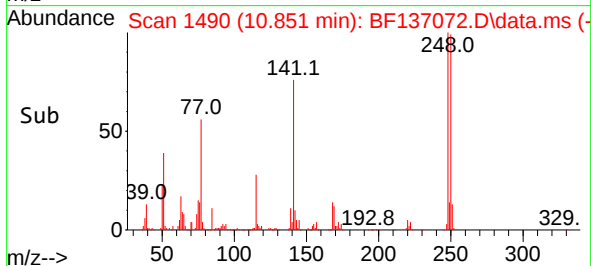


Tgt Ion:248 Resp: 69762
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 76.5 59.2 88.8

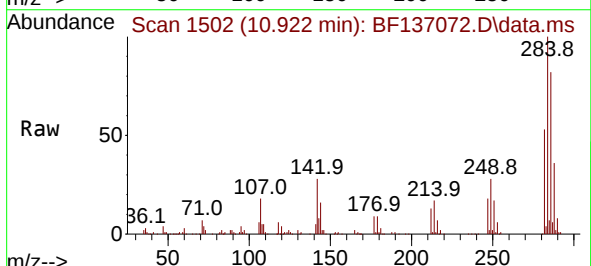
Manual Integrations

APPROVED

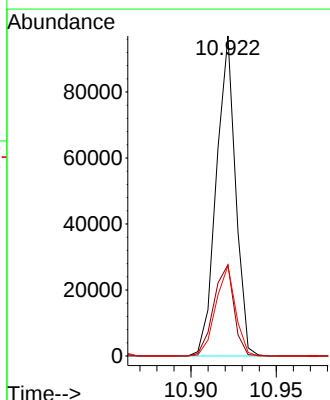
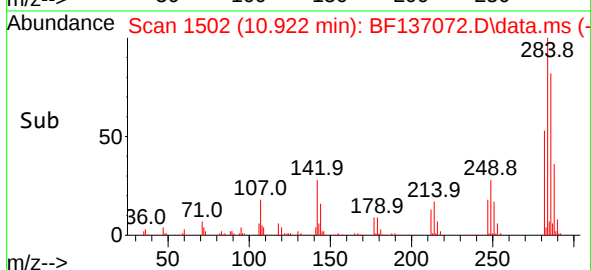
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

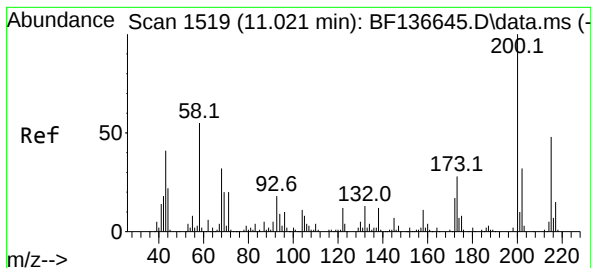


#68
Hexachlorobenzene
Concen: 42.240 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:284 Resp: 76133
Ion Ratio Lower Upper
284 100
142 28.5 23.4 35.0
249 28.2 22.3 33.5





#69

Atrazine

Concen: 55.958 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

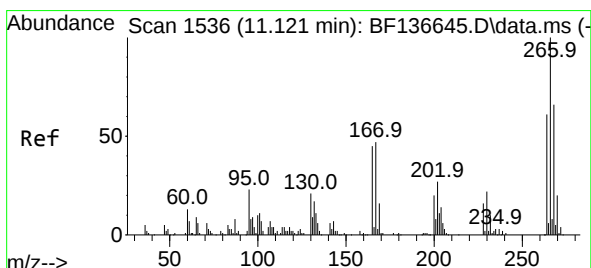
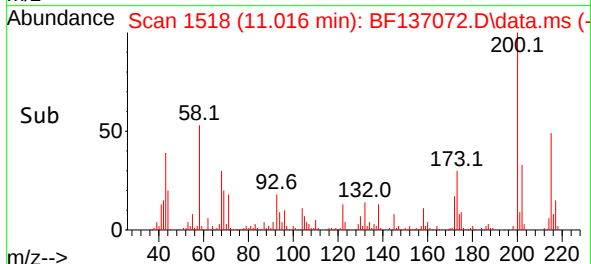
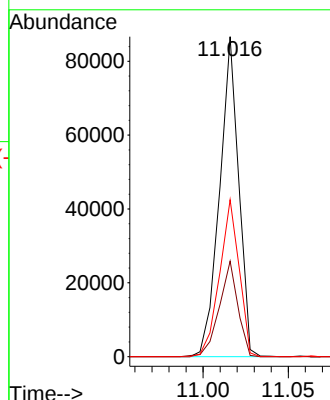
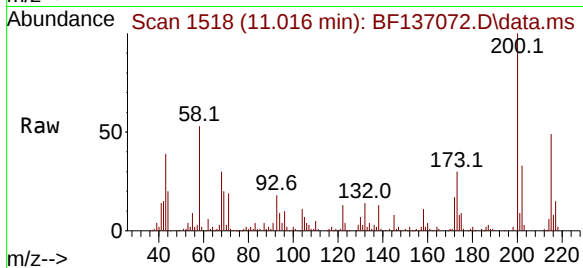
Tgt Ion:200 Resp: 67710

Ion	Ratio	Lower	Upper
200	100		
173	29.9	7.6	47.6
215	49.0	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#70

Pentachlorophenol

Concen: 71.956 ng

RT: 11.128 min Scan# 1537

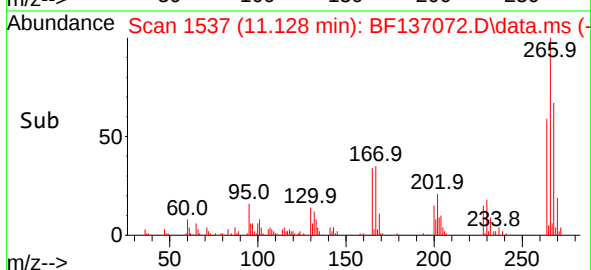
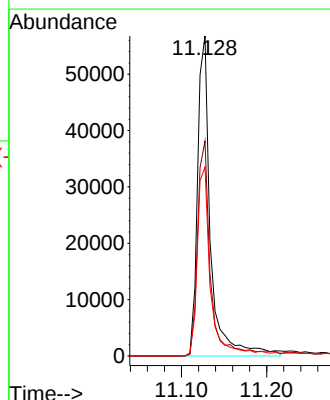
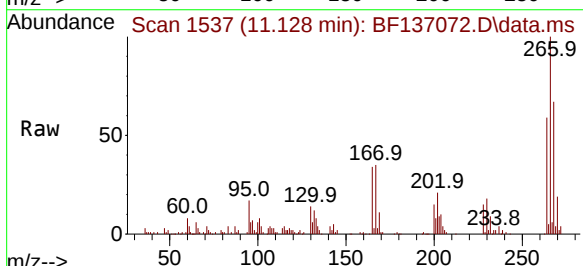
Delta R.T. 0.006 min

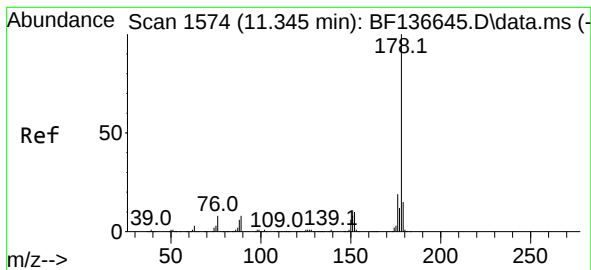
Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:266 Resp: 60452

Ion	Ratio	Lower	Upper
266	100		
268	67.2	52.6	78.8
264	59.0	49.0	73.4





#71

Phenanthrene

Concen: 45.087 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

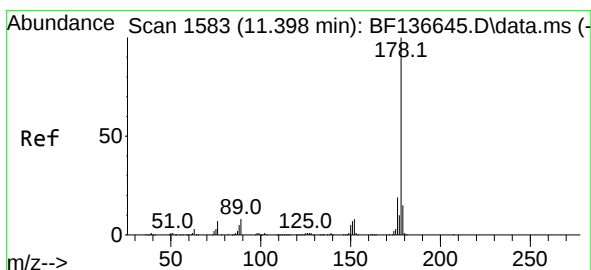
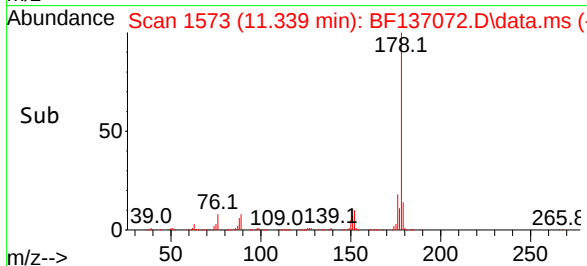
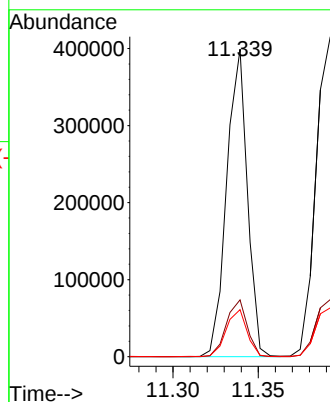
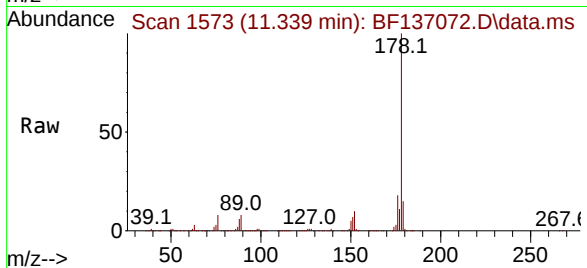
Tgt Ion:178 Resp: 336912

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.3	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#72

Anthracene

Concen: 45.746 ng

RT: 11.392 min Scan# 1582

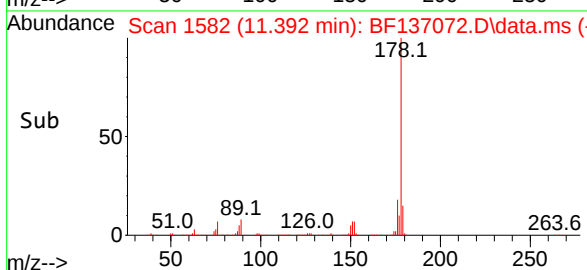
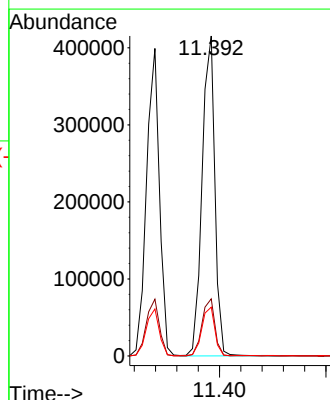
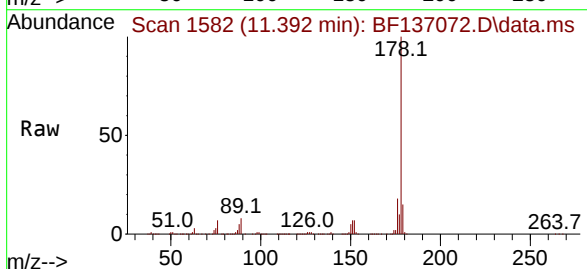
Delta R.T. -0.006 min

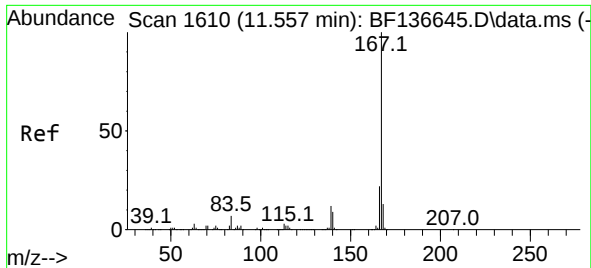
Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:178 Resp: 346189

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	15.3	11.8	17.6





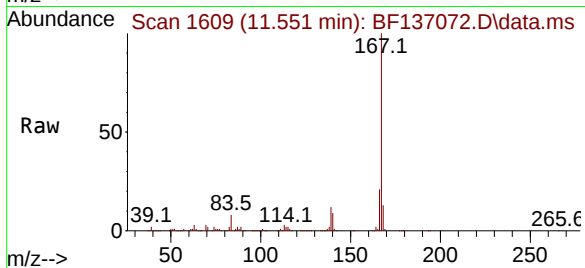
#73
Carbazole
Concen: 45.231 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

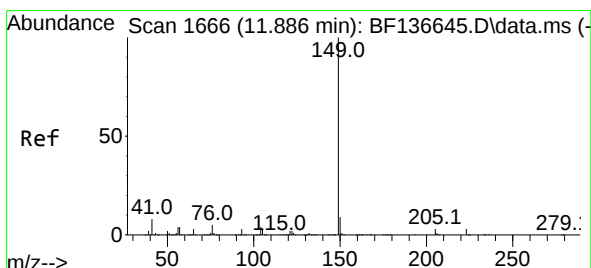
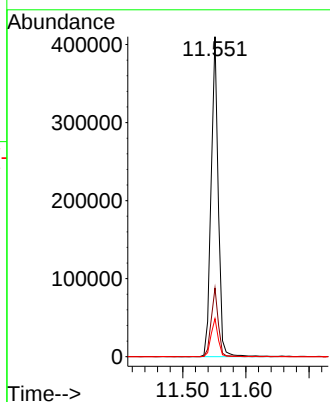
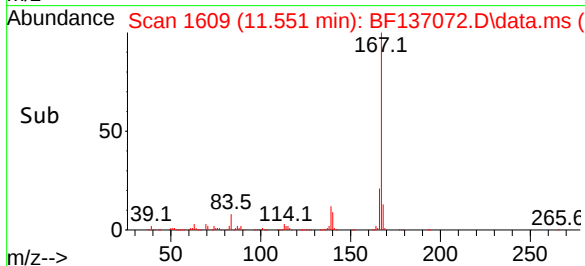


Tgt Ion:167 Resp: 32272
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 11.9 9.8 14.6

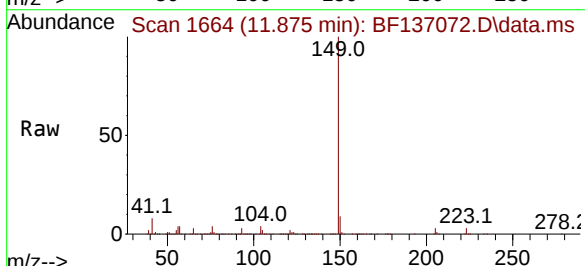
Manual Integrations

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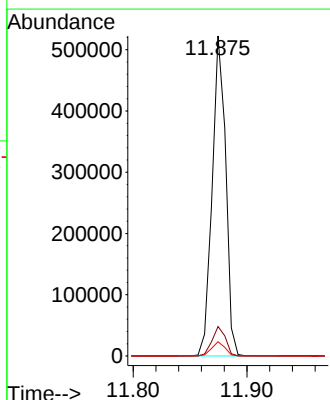
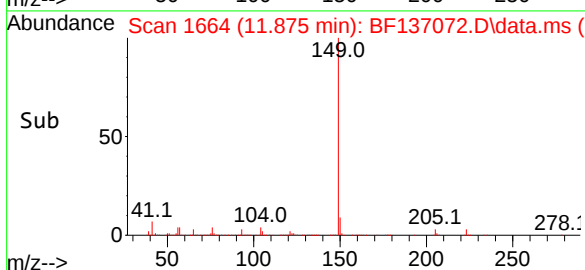
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

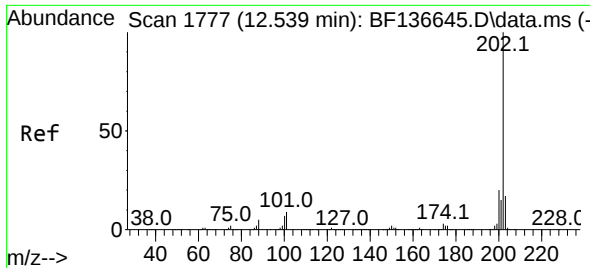


#74
Di-n-butylphthalate
Concen: 49.544 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:149 Resp: 431348
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.6 5.4





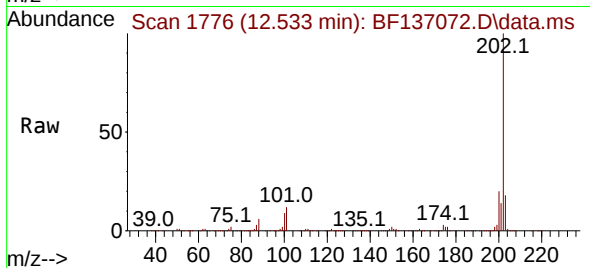
#75
Fluoranthene
Concen: 50.825 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

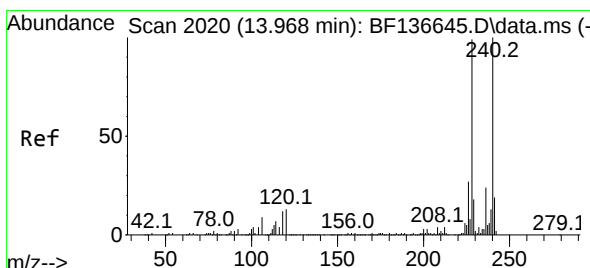
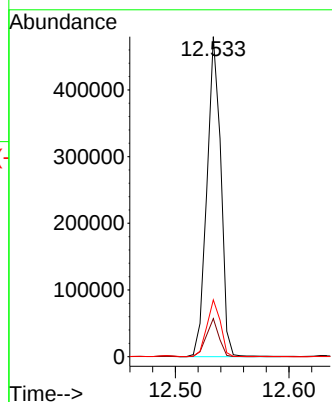
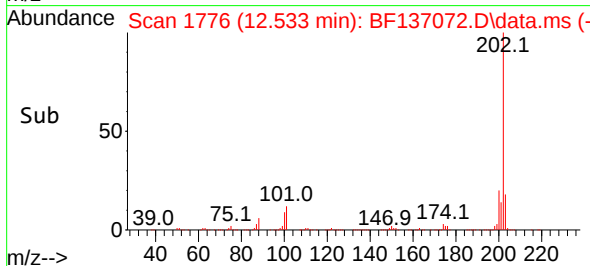


Tgt Ion:202 Resp: 40624
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.3
203 17.8 0.0 37.1

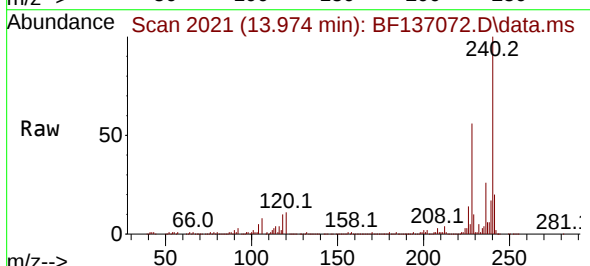
Manual Integrations

APPROVED

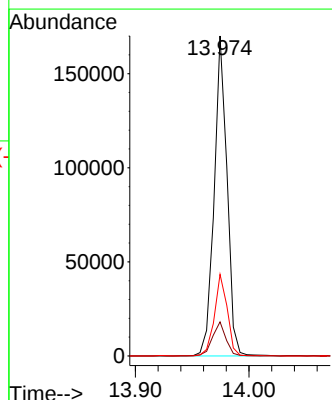
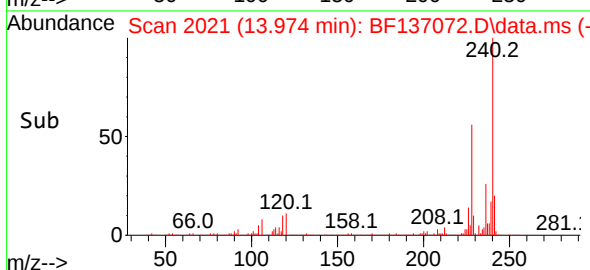
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

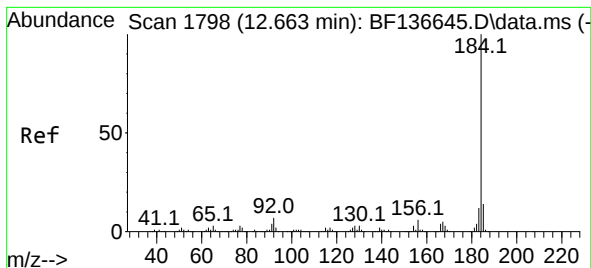


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:240 Resp: 133901
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 25.5 19.4 29.2





#77

Benzidine

Concen: 46.014 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

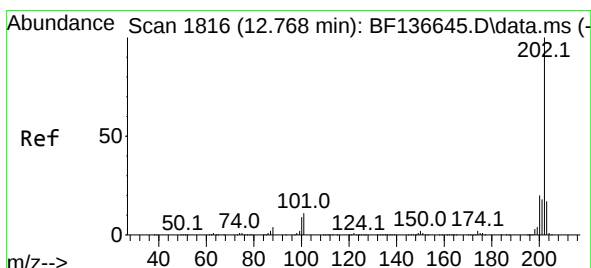
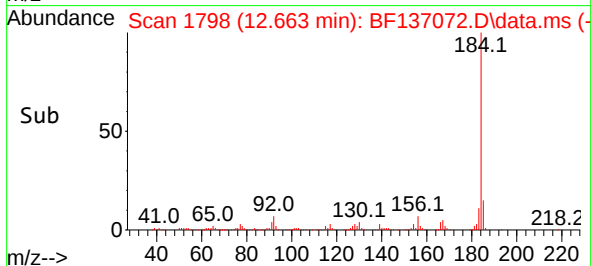
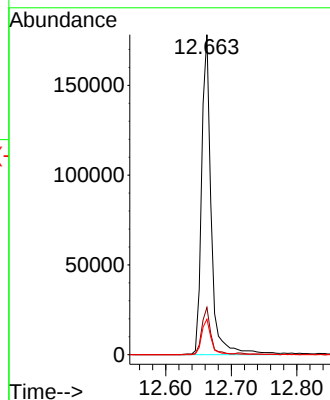
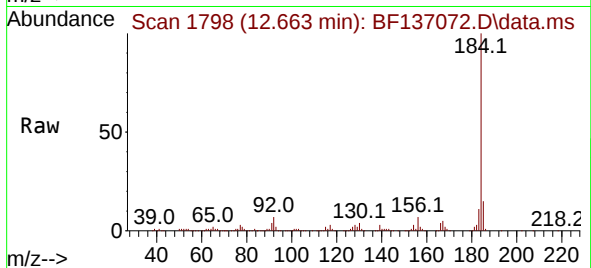
MR-309-37-39MSD

Tgt Ion:184 Resp: 181672
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.2 16.8
 183 11.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
 Supervised By :mohammad ahmed 01/17/2024



#78

Pyrene

Concen: 32.394 ng

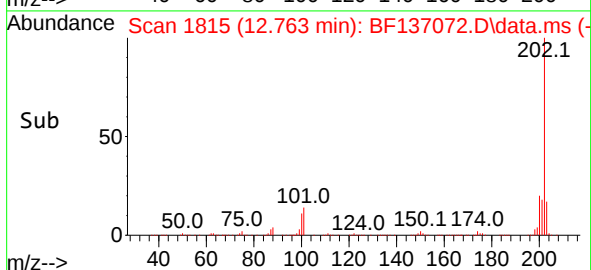
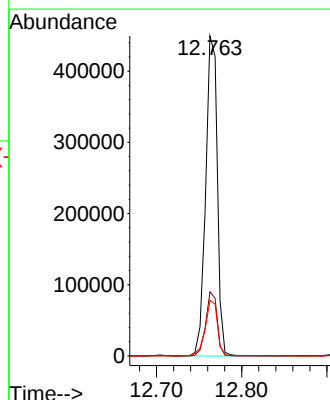
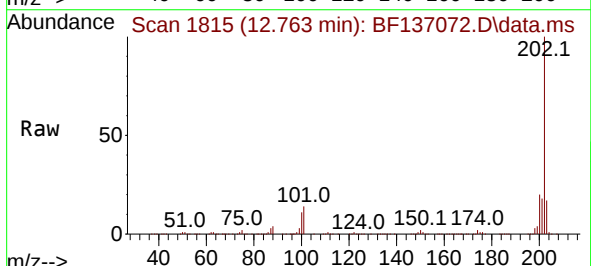
RT: 12.763 min Scan# 1815

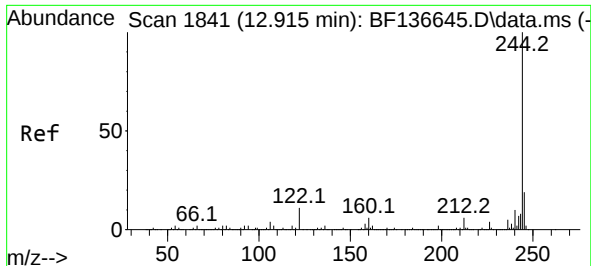
Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Tgt Ion:202 Resp: 425807
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.9 23.9
 203 17.4 13.8 20.6





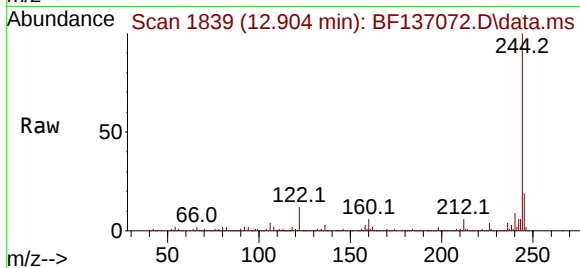
#79
Terphenyl-d14
Concen: 45.849 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

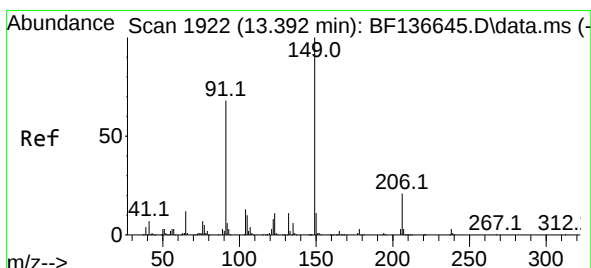
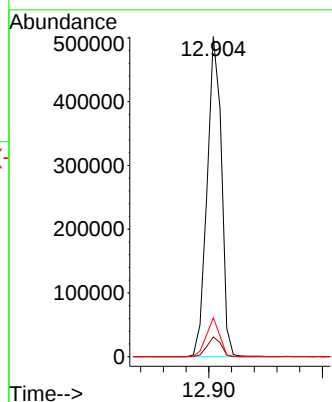
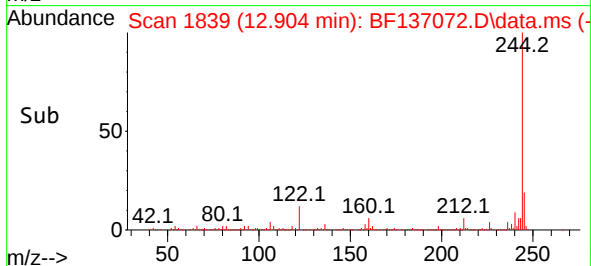


Tgt Ion:244 Resp: 439314
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 12.1 9.0 13.4

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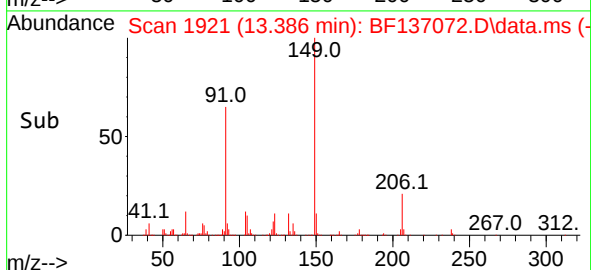
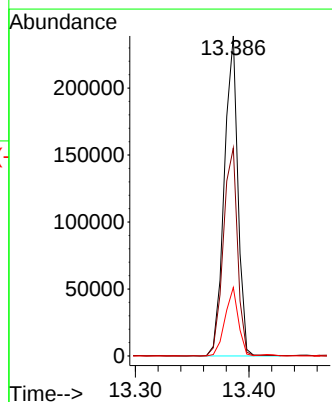
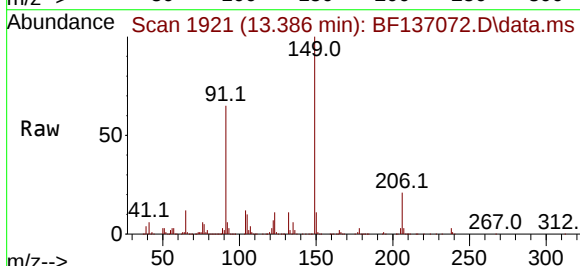
APPROVED

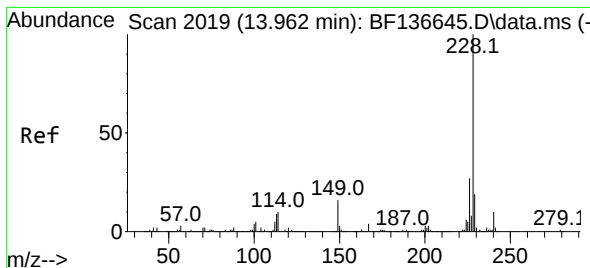
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#80
Butylbenzylphthalate
Concen: 41.714 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

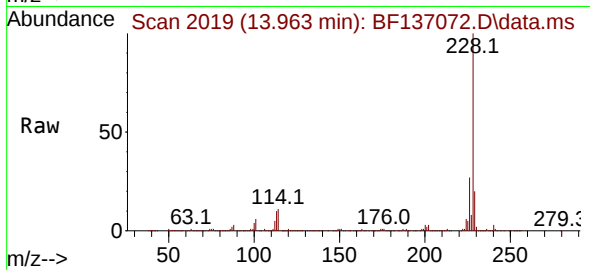
Tgt Ion:149 Resp: 199516
Ion Ratio Lower Upper
149 100
91 65.0 54.1 81.1
206 21.4 17.1 25.7





#81
Benzo(a)anthracene
Concen: 45.486 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

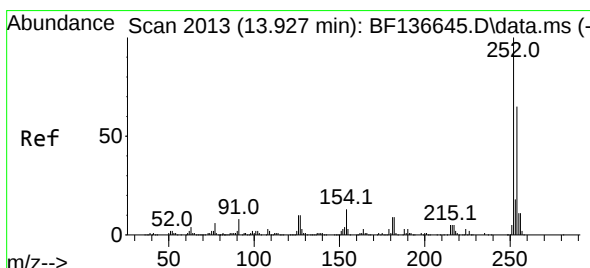
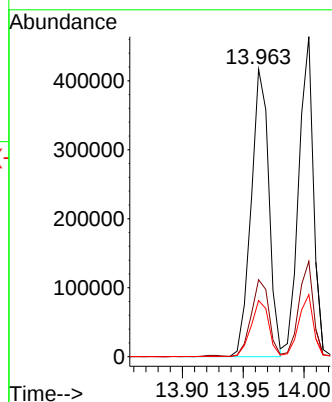
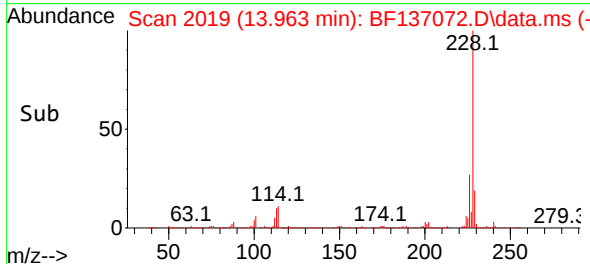
Instrument :
BNA_F
ClientSampleId :
MR-309-37-39MSD



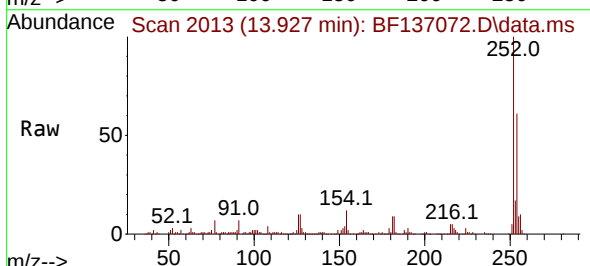
Tgt Ion:228 Resp: 422929
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.5 14.9 22.3

Manual Integrations
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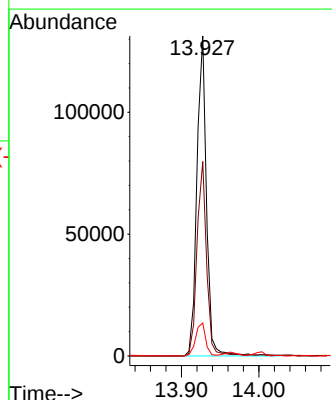
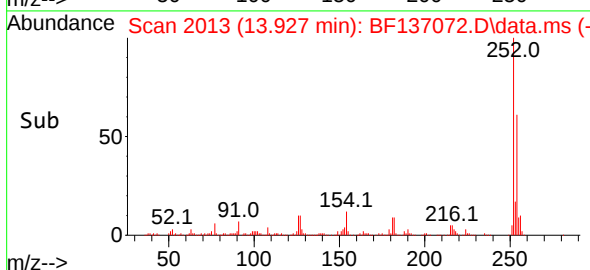
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

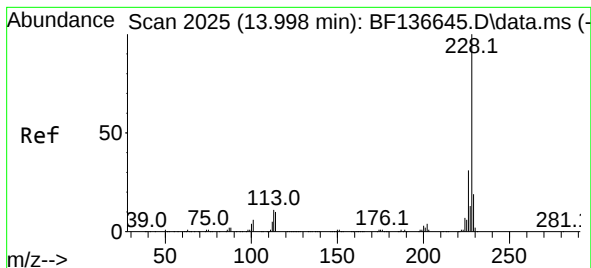


#82
3,3'-Dichlorobenzidine
Concen: 42.767 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:252 Resp: 112929
Ion Ratio Lower Upper
252 100
254 60.8 52.2 78.4
126 10.3 8.0 12.0





#83

Chrysene

Concen: 42.932 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137072.D

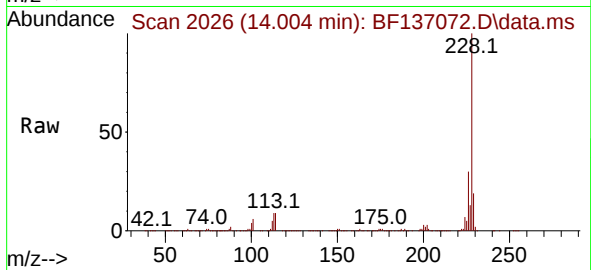
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD



Tgt Ion:228 Resp: 390358

Ion Ratio Lower Upper

228 100

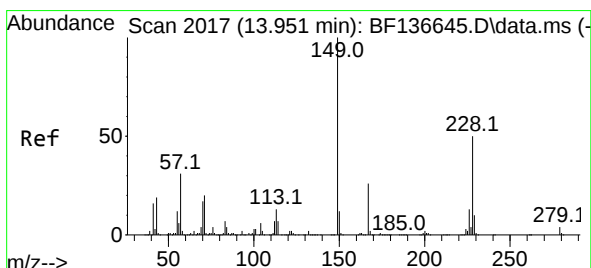
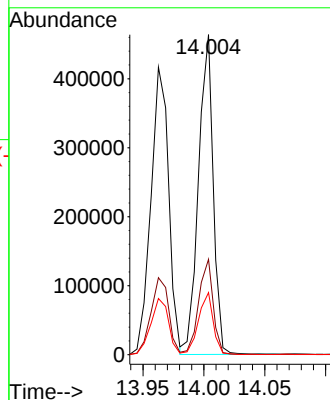
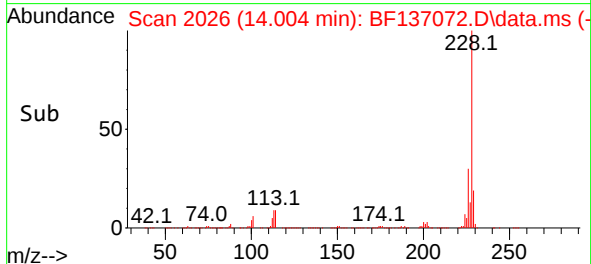
226 29.8 24.7 37.1

229 19.4 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.632 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

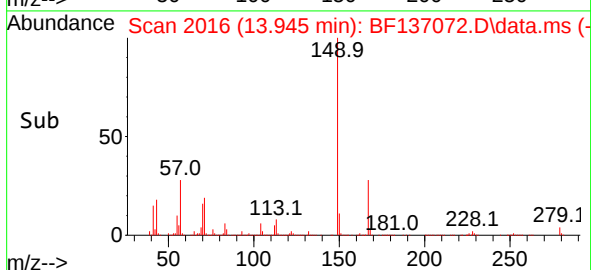
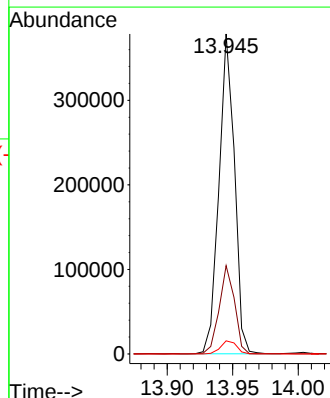
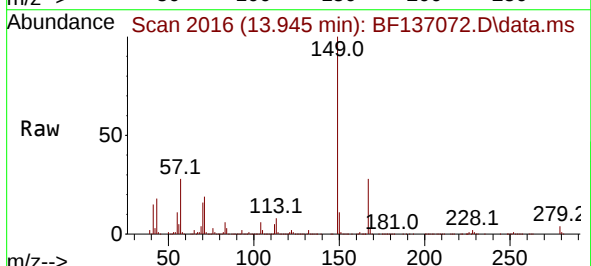
Tgt Ion:149 Resp: 310711

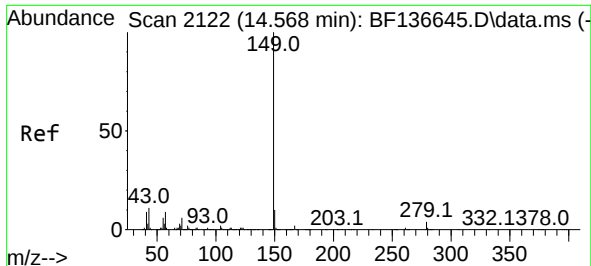
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.1 2.9 4.3





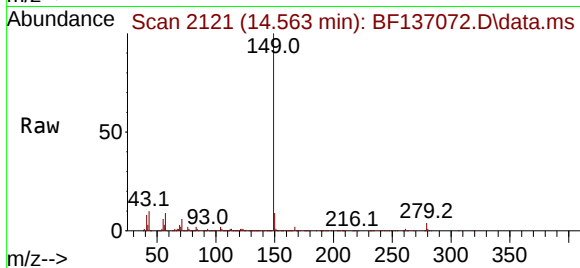
#85
Di-n-octyl phthalate
Concen: 59.794 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

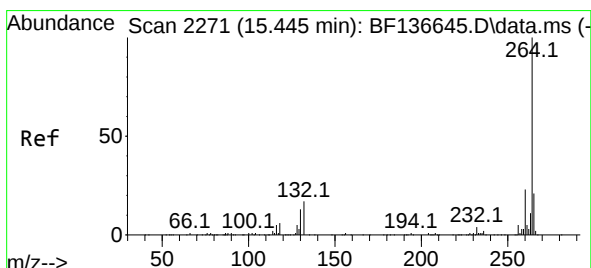
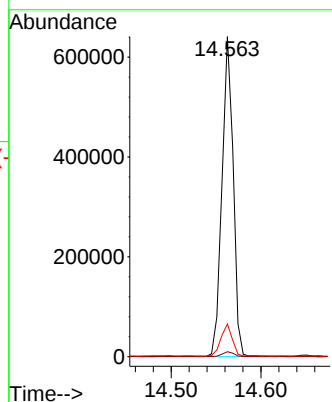
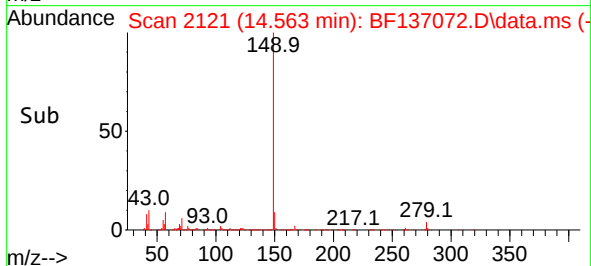


Tgt Ion:149 Resp: 556600
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 8.9 13.3

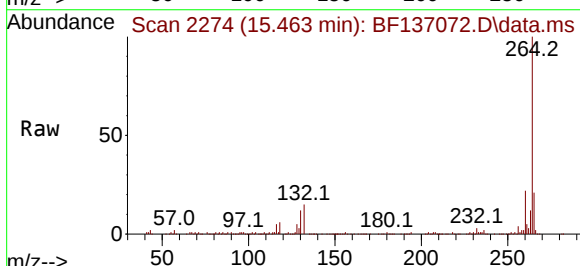
Manual Integrations

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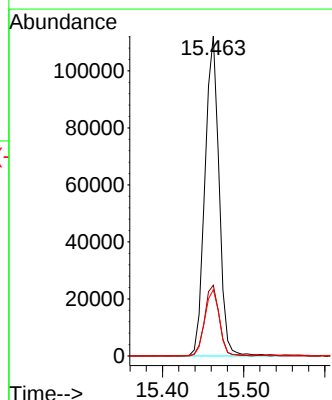
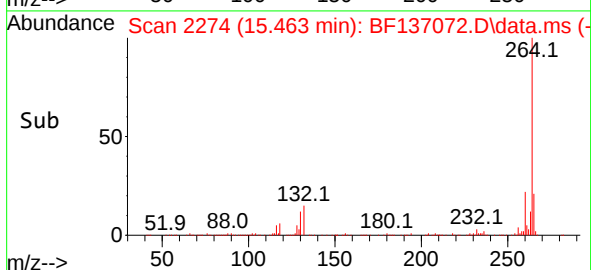
Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

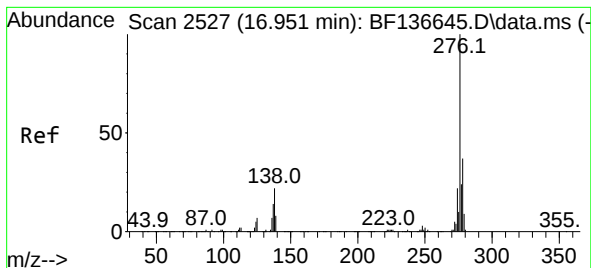


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:264 Resp: 135390
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.025 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

Tgt Ion:276 Resp: 313059

Ion Ratio Lower Upper

276 100

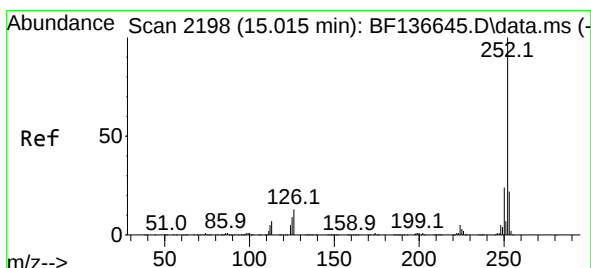
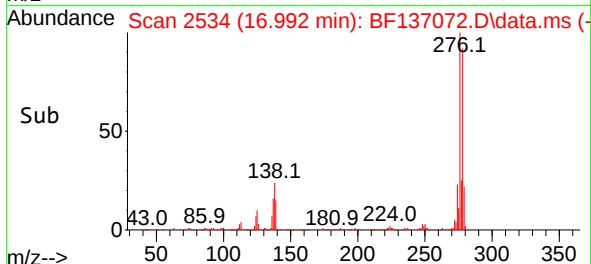
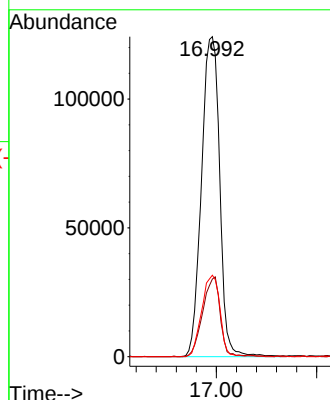
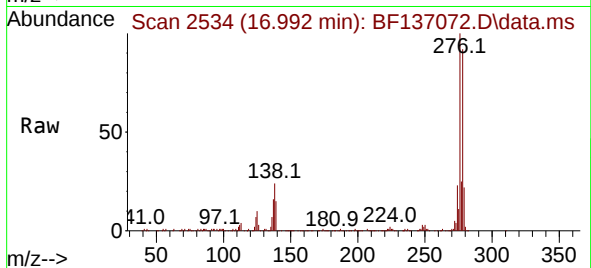
138 23.8 18.7 28.1

277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#88

Benzo(b)fluoranthene

Concen: 43.223 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137072.D

Acq: 15 Jan 2024 19:36

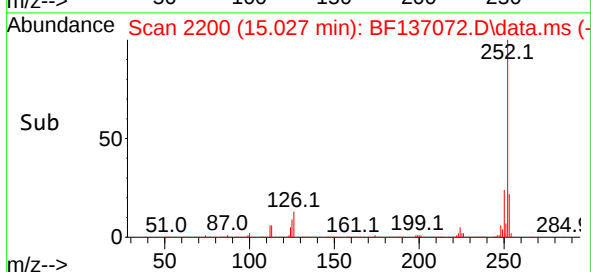
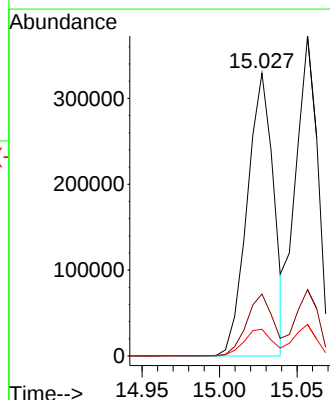
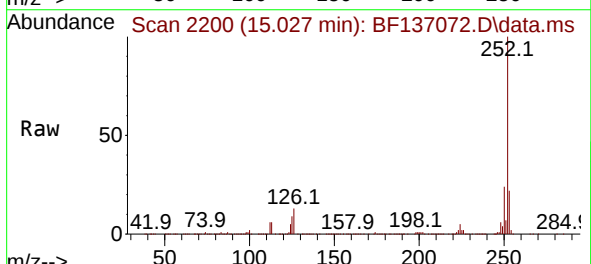
Tgt Ion:252 Resp: 390853

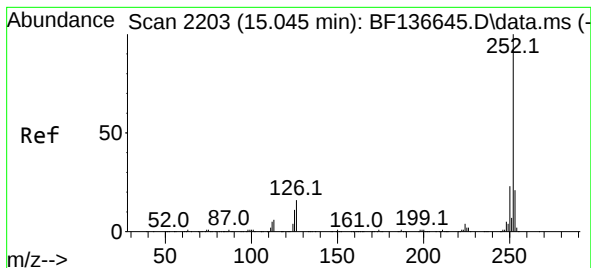
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.637 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137072.D

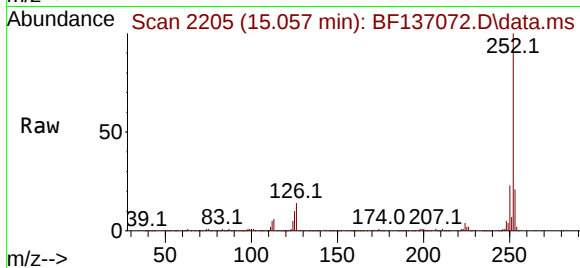
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD



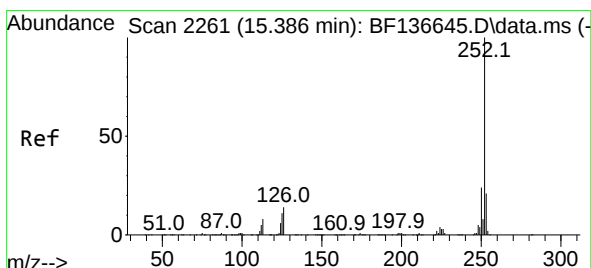
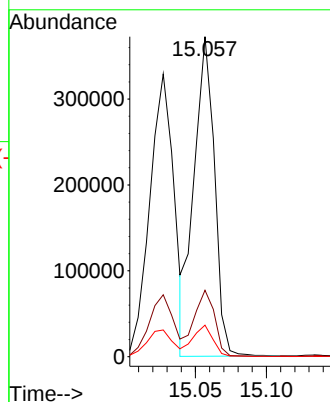
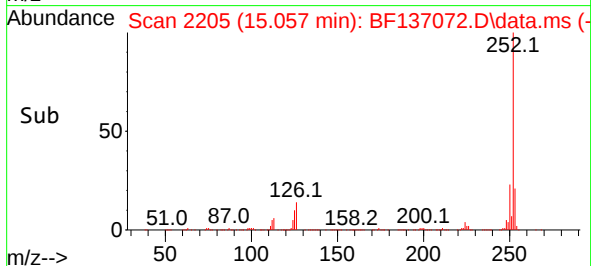
Tgt Ion:252 Resp: 372859

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.6
125	9.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#90

Benzo(a)pyrene

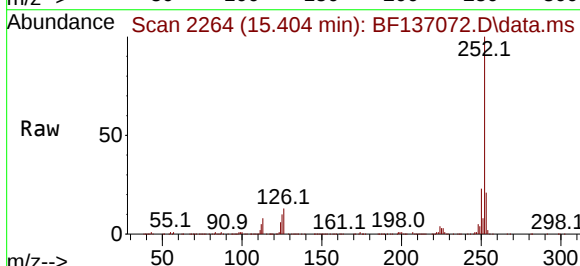
Concen: 42.317 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

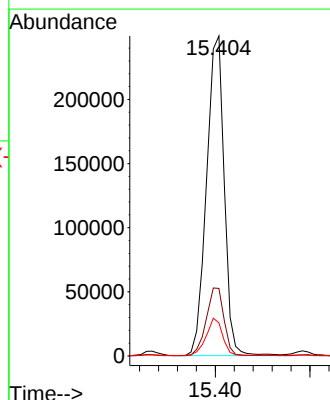
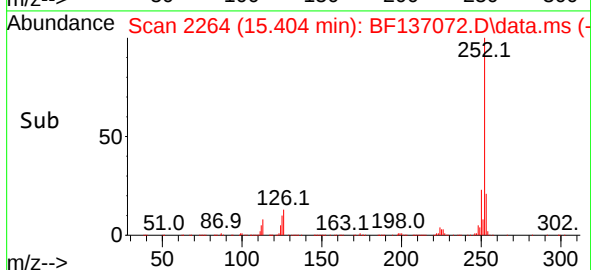
Lab File: BF137072.D

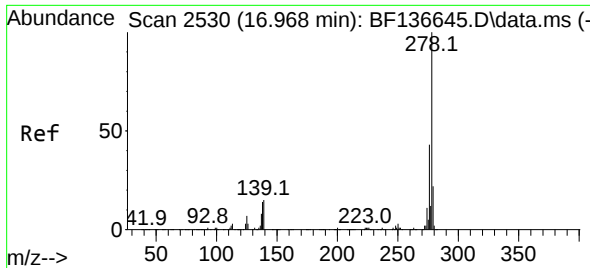
Acq: 15 Jan 2024 19:36



Tgt Ion:252 Resp: 323012

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	10.3	8.8	13.2





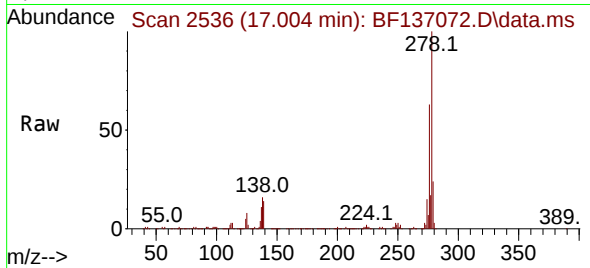
#91
Dibenzo(a,h)anthracene
Concen: 33.095 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36

Instrument :

BNA_F

ClientSampleId :

MR-309-37-39MSD

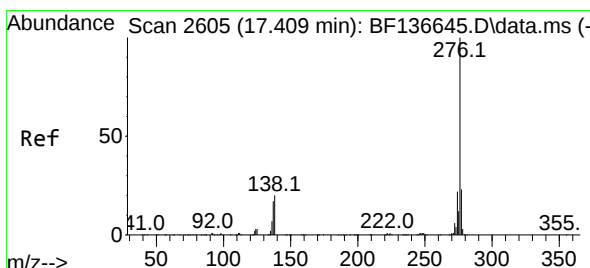
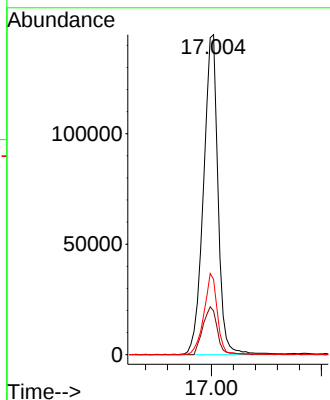
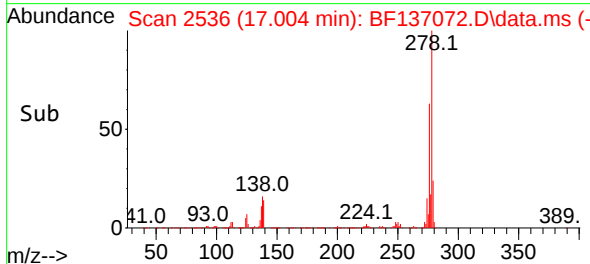


Tgt Ion:278 Resp: 265408
Ion Ratio Lower Upper
278 100
139 13.7 12.2 18.4
279 23.5 17.8 26.6

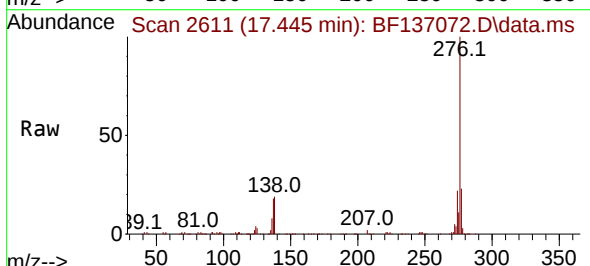
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024



#92
Benzo(g,h,i)perylene
Concen: 28.521 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.035 min
Lab File: BF137072.D
Acq: 15 Jan 2024 19:36



Tgt Ion:276 Resp: 234264
Ion Ratio Lower Upper
276 100
277 22.5 18.3 27.5
138 19.3 15.6 23.4

