

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137396.D
 Acq On : 26 Feb 2024 20:31
 Operator : CG\JU
 Sample : P1538-16MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 27 00:59:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	207541	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	782513	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	383489	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	536882	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	353320	20.000	ng	-0.01
86) Perylene-d12	15.445	264	426375	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	104299	7.754	ng	0.00
7) Phenol-d6	6.422	99	634918	32.090	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1083976	69.158	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	11884	3.559	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1440831	58.493	ng	-0.02
79) Terphenyl-d14	12.910	244	1213656	48.045	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	327101	44.394	ng	99
3) Pyridine	3.363	79	768999	41.176	ng	99
4) n-Nitrosodimethylamine	3.340	42	362008	50.752	ng	98
6) Aniline	6.451	93	516083	21.995	ng	93
8) 2-Chlorophenol	6.569	128	702142	48.671	ng	100
9) Benzaldehyde	6.334	77	109527	11.498	ng	90
10) Phenol	6.440	94	1001186	46.236	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	769267	48.890	ng	97
12) 1,3-Dichlorobenzene	6.722	146	744166	48.036	ng	99
13) 1,4-Dichlorobenzene	6.798	146	764550	47.934	ng	99
14) 1,2-Dichlorobenzene	6.951	146	719294	48.754	ng	98
15) Benzyl Alcohol	6.928	79	649149	55.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1241094	47.455	ng	99
17) 2-Methylphenol	7.045	107	560945	41.096	ng	97
18) Hexachloroethane	7.292	117	254514	46.306	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	531286	43.575	ng	97
20) 3+4-Methylphenols	7.198	107	672146	43.204	ng	# 91
22) Acetophenone	7.192	105	951019	50.119	ng	# 96
24) Nitrobenzene	7.369	77	808129	50.741	ng	99
25) Isophorone	7.604	82	1536488	47.403	ng	99
26) 2-Nitrophenol	7.681	139	351323	57.140	ng	97
27) 2,4-Dimethylphenol	7.722	122	498718	41.836	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	914742	48.962	ng	99
29) 2,4-Dichlorophenol	7.922	162	546733	48.935	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	590940	49.276	ng	100
31) Naphthalene	8.087	128	1969832	46.908	ng	99
32) Benzoic acid	7.857	122	354970	48.567	ng	95
33) 4-Chloroaniline	8.139	127	121664	7.617	ng	96
34) Hexachlorobutadiene	8.198	225	348464	48.912	ng	98
35) Caprolactam	8.510	113	161107m	46.628	ng	
36) 4-Chloro-3-methylphenol	8.628	107	569283	44.944	ng	97
37) 2-Methylnaphthalene	8.775	142	1168912	43.198	ng	99
38) 1-Methylnaphthalene	8.875	142	1091792	42.675	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	564245	53.420	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	354710	51.794	ng	99
44) 2,4,5-Trichlorophenol	9.104	196	348960	44.414	ng	96

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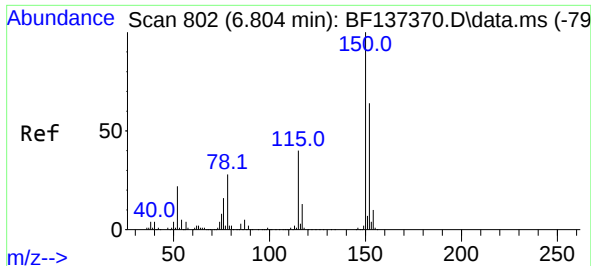
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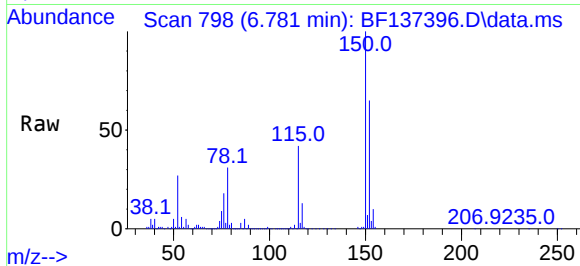
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.245	154	1412516	50.572	ng	97
47) 2-Chloronaphthalene	9.263	162	1076268	51.024	ng	98
48) 2-Nitroaniline	9.369	65	343087	53.063	ng	96
49) Acenaphthylene	9.681	152	1680951	49.049	ng	99
50) Dimethylphthalate	9.551	163	1278481	48.247	ng	98
51) 2,6-Dinitrotoluene	9.610	165	261846	53.115	ng	90
52) Acenaphthene	9.851	154	953863	46.627	ng	99
53) 3-Nitroaniline	9.781	138	167659	30.660	ng	98
54) 2,4-Dinitrophenol	9.886	184	165600	69.142	ng	94
55) Dibenzofuran	10.028	168	1443777	45.663	ng	100
56) 4-Nitrophenol	9.945	139	325227	78.014	ng	93
57) 2,4-Dinitrotoluene	10.016	165	318036	50.960	ng	95
58) Fluorene	10.369	166	1043237	43.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	243526m	37.429	ng	
60) Diethylphthalate	10.251	149	1179929	47.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	514607	43.325	ng	98
62) 4-Nitroaniline	10.398	138	196790	38.305	ng	99
63) Azobenzene	10.528	77	1306377	44.134	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	124566	47.501	ng	84
66) n-Nitrosodiphenylamine	10.486	169	916822	52.581	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	301511	52.240	ng	93
68) Hexachlorobenzene	10.916	284	309319	51.807	ng	96
69) Atrazine	11.022	200	244290	51.915	ng	98
70) Pentachlorophenol	11.116	266	294047	77.732	ng	99
71) Phenanthrene	11.339	178	1416789	47.831	ng	99
72) Anthracene	11.386	178	1453746	47.624	ng	100
73) Carbazole	11.545	167	1169359	44.836	ng	99
74) Di-n-butylphthalate	11.886	149	1563097	59.896	ng	100
75) Fluoranthene	12.545	202	1279193	44.242	ng	99
77) Benzidine	12.663	184	131692	25.610	ng	99
78) Pyrene	12.763	202	1323140	39.604	ng	100
80) Butylbenzylphthalate	13.392	149	310784	58.475	ng	94
81) Benzo(a)anthracene	13.957	228	1240744	50.607	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	316239	54.546	ng	99
83) Chrysene	13.992	228	1226937	48.988	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	503726	69.479	ng	100
85) Di-n-octyl phthalate	14.580	149	1113864	76.121	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.945	276	1109482	37.986	ng	100
88) Benzo(b)fluoranthene	15.015	252	1335213	51.048	ng	99
89) Benzo(k)fluoranthene	15.045	252	1278261	46.628	ng	99
90) Benzo(a)pyrene	15.386	252	1227500	49.476	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	896398	37.406	ng	96
92) Benzo(g,h,i)perylene	17.398	276	802205	32.764	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

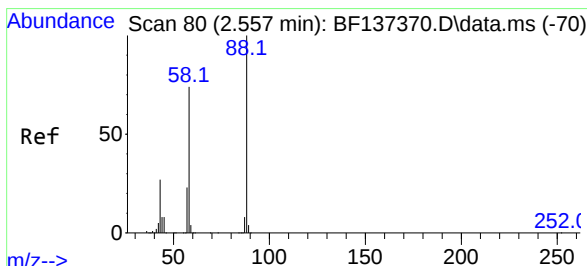
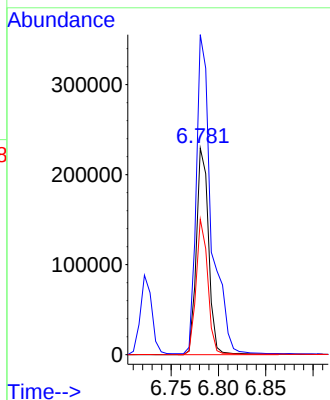
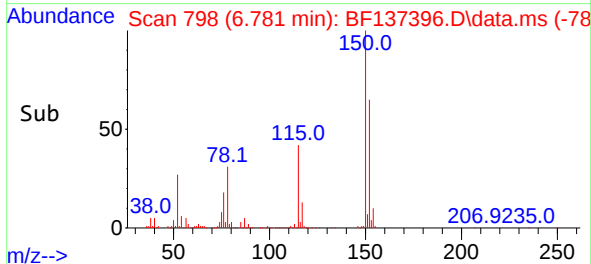
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:152 Resp: 20754
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 65.6 49.8 74.8

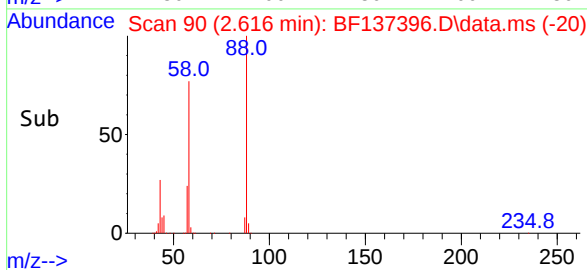
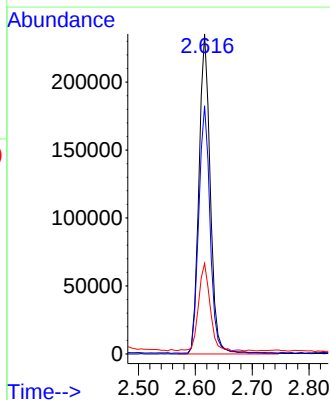
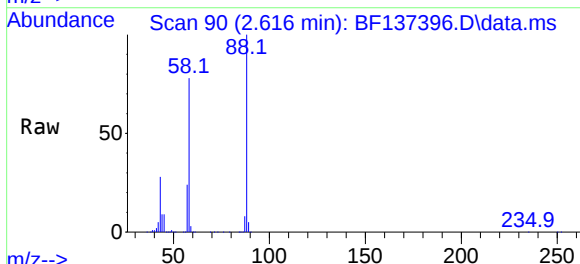
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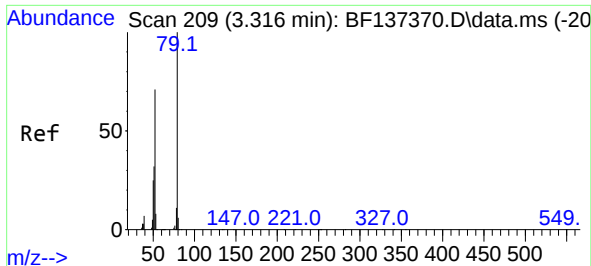
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 44.394 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.059 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

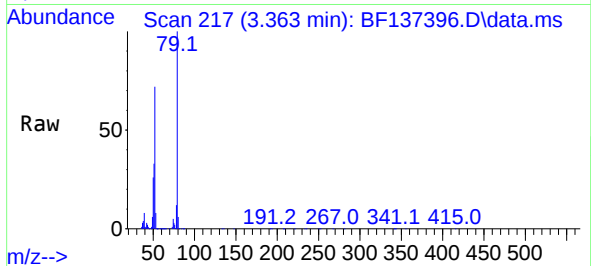
Tgt Ion: 88 Resp: 327101
Ion Ratio Lower Upper
88 100
58 77.2 60.6 91.0
43 27.3 22.0 33.0





#3
Pyridine
Concen: 41.176 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.047 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

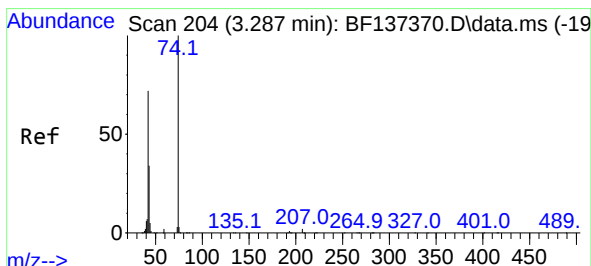
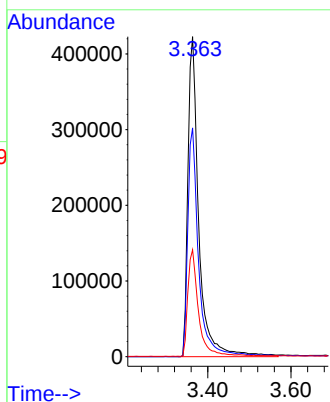
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 79 Resp: 768999
Ion Ratio Lower Upper
79 100
52 71.5 56.5 84.7
51 33.4 26.2 39.2

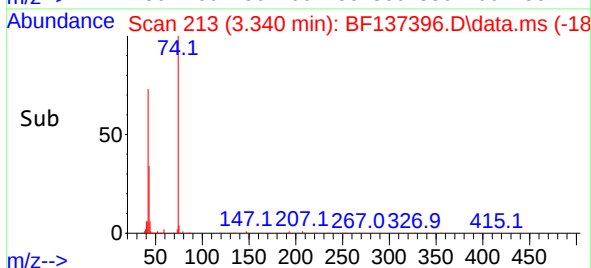
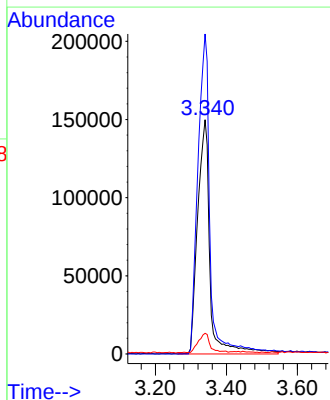
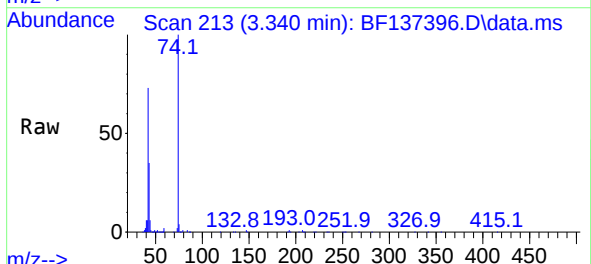
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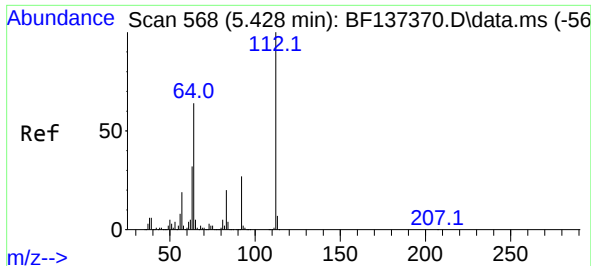
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#4
n-Nitrosodimethylamine
Concen: 50.752 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.053 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

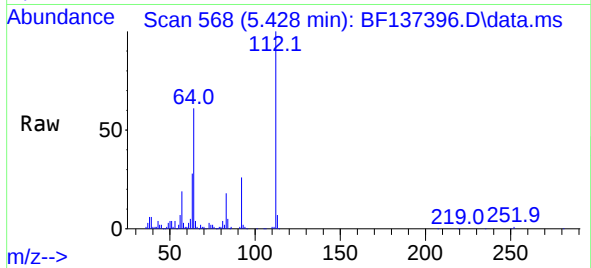
Tgt Ion: 42 Resp: 362008
Ion Ratio Lower Upper
42 100
74 136.6 110.8 166.2
44 8.8 6.0 9.0





#5
2-Fluorophenol
Concen: 7.754 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

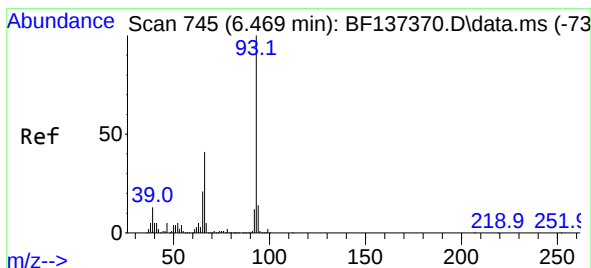
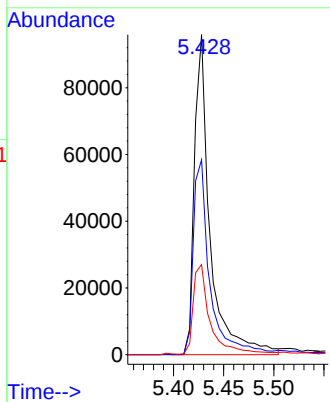
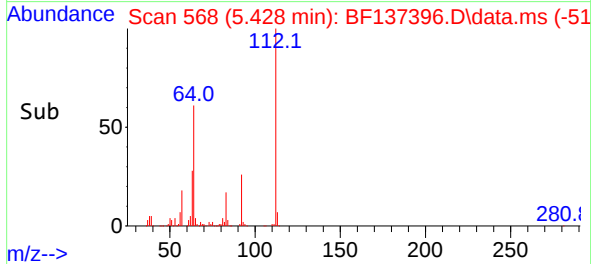
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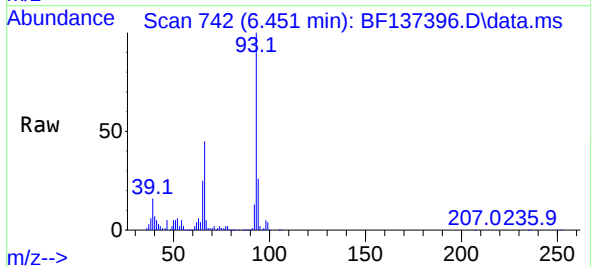
Tgt Ion:112 Resp: 104299
Ion Ratio Lower Upper
112 100
64 60.9 51.0 76.6
63 28.2 25.7 38.5

Manual Integrations
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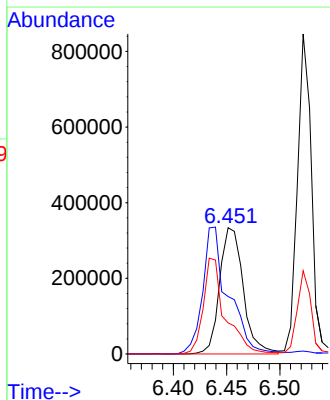
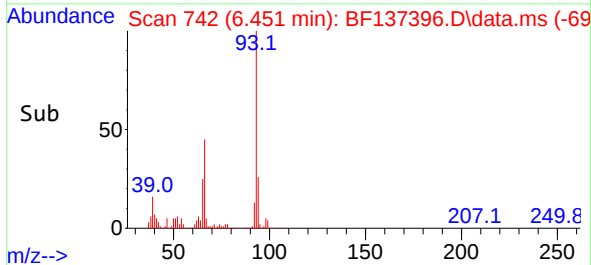
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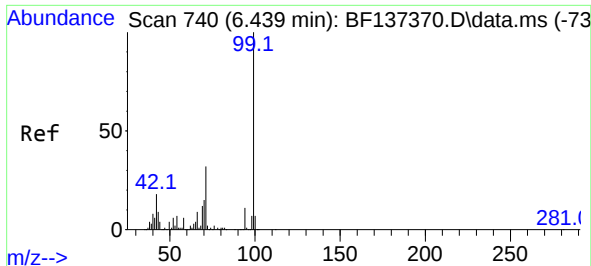


#6
Aniline
Concen: 21.995 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



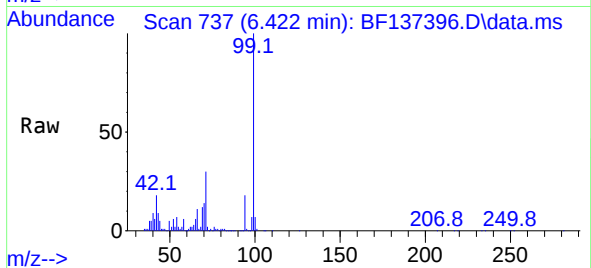
Tgt Ion: 93 Resp: 516083
Ion Ratio Lower Upper
93 100
66 45.5 33.0 49.4
65 24.6 17.0 25.6





#7
Phenol-d6
Concen: 32.090 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

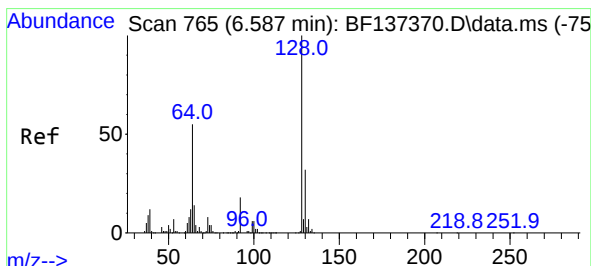
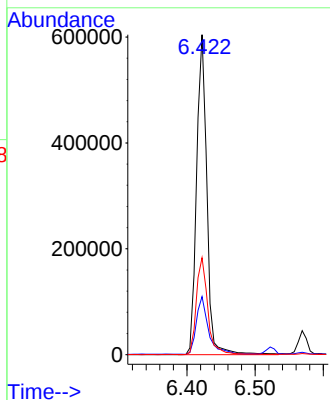
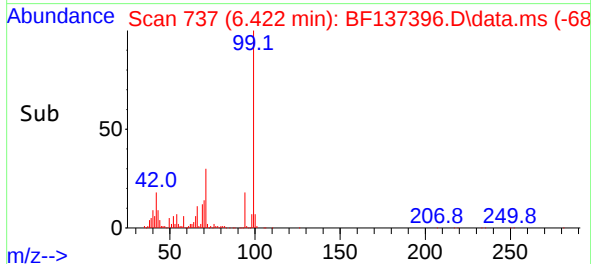
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Tgt Ion: 99 Resp: 634918
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 30.3 25.2 37.8

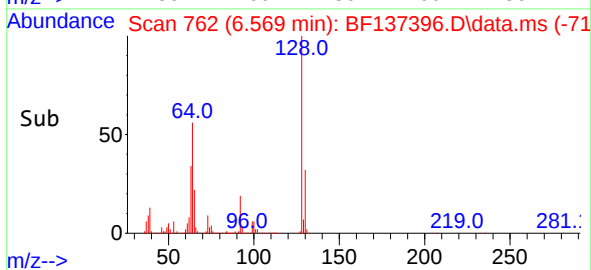
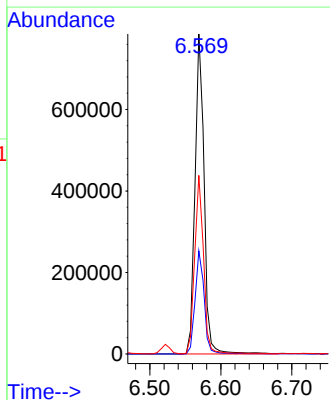
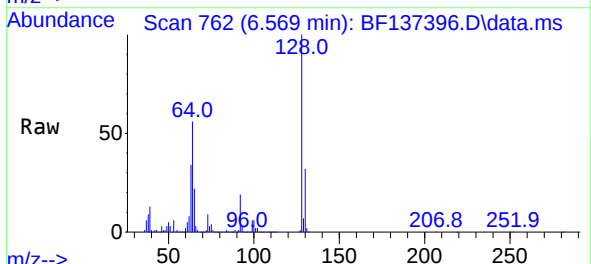
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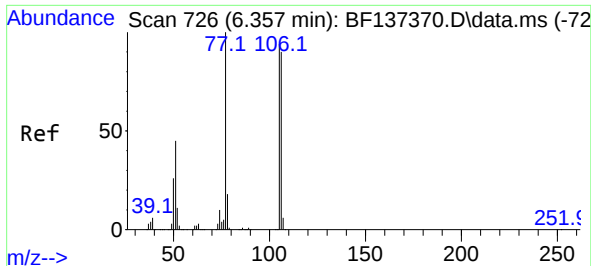
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#8
2-Chlorophenol
Concen: 48.671 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

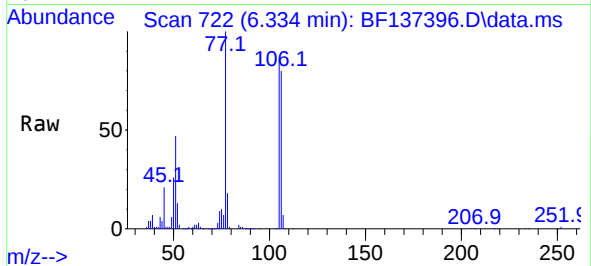
Tgt Ion:128 Resp: 702142
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 55.8 35.3 75.3





#9
Benzaldehyde
Concen: 11.498 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

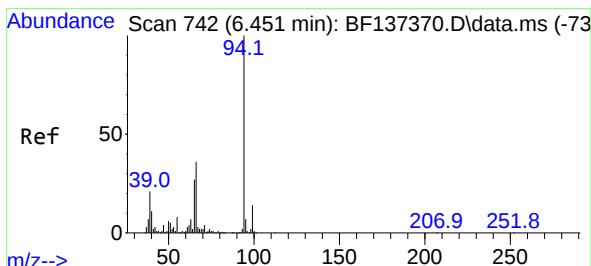
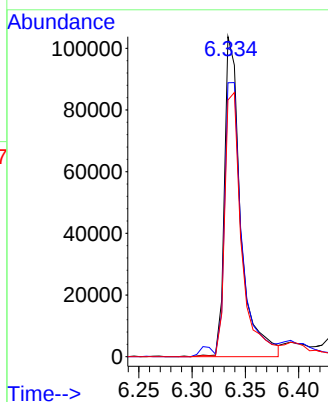
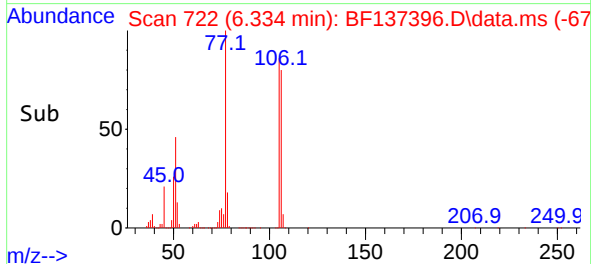
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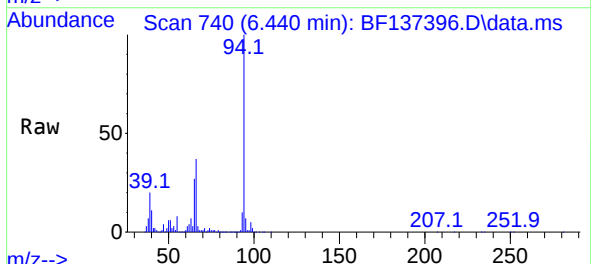
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Ion Ratio Lower Upper
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106 80.2 70.2 110.2

Manual Integrations
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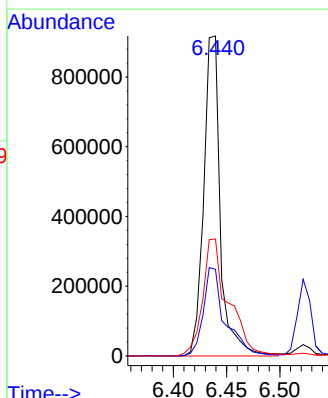
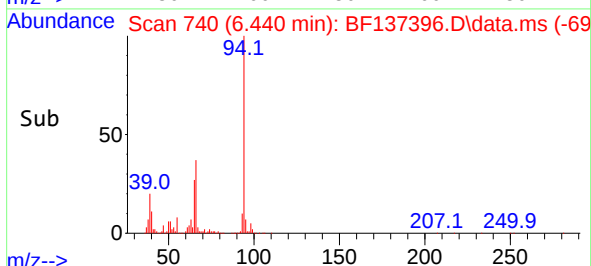
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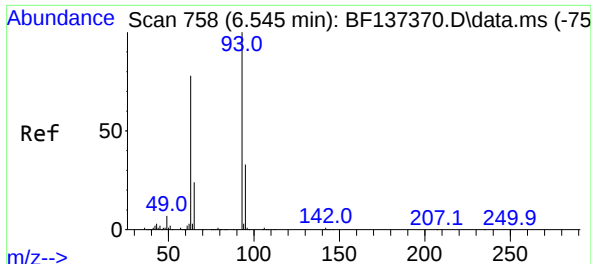


#10
Phenol
Concen: 46.236 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



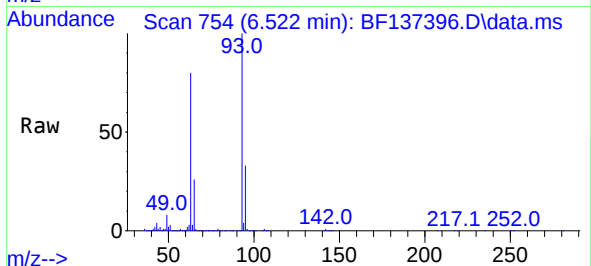
Tgt Ion: 94 Resp: 1001186
Ion Ratio Lower Upper
94 100
65 27.1 7.4 47.4
66 36.5 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 48.890 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

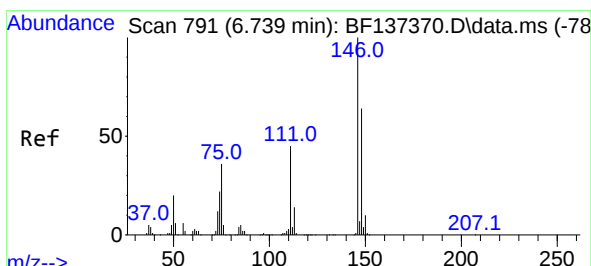
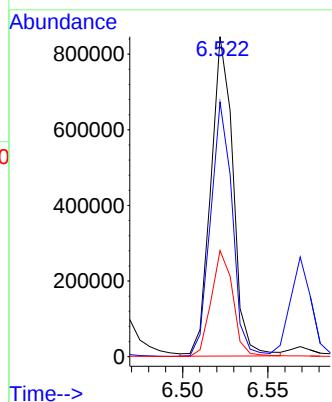
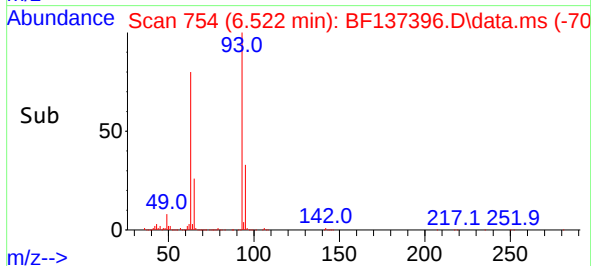
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



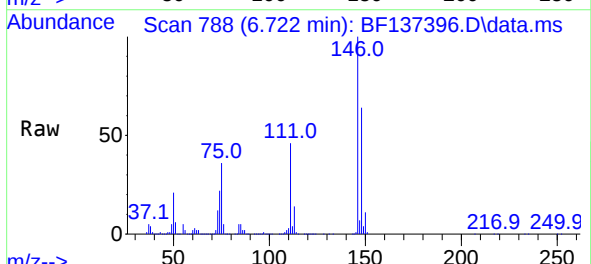
Tgt Ion: 93 Resp: 76926
Ion Ratio Lower Upper
93 100
63 79.6 56.1 96.1
95 33.2 12.7 52.7

Manual Integrations
APPROVED

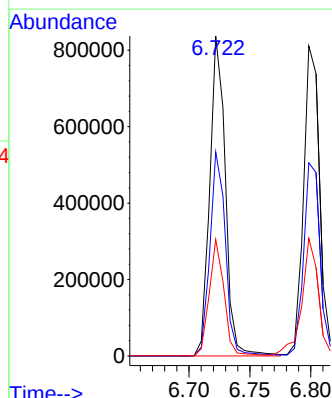
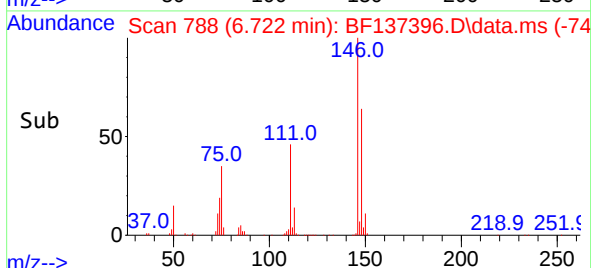
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

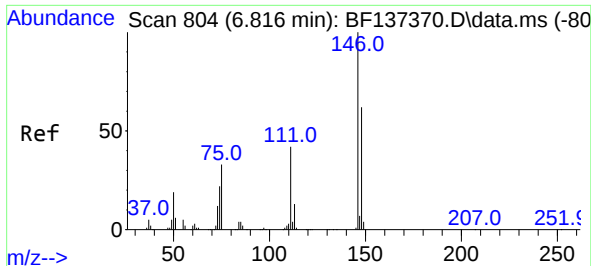


#12
1,3-Dichlorobenzene
Concen: 48.036 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



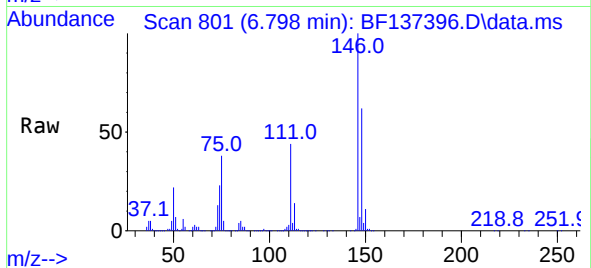
Tgt Ion:146 Resp: 744166
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 36.4 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 47.934 ng
RT: 6.798 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

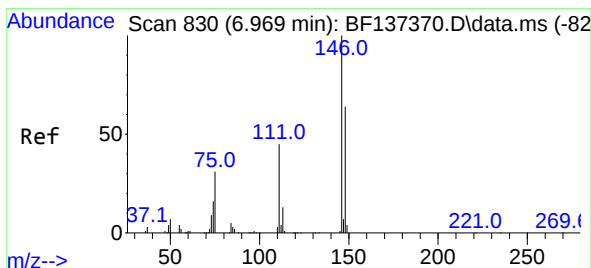
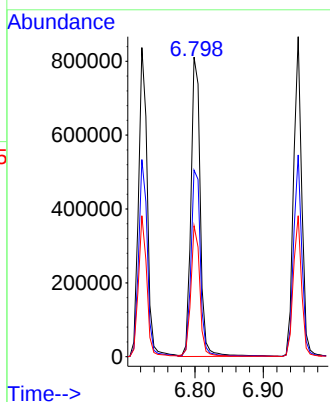
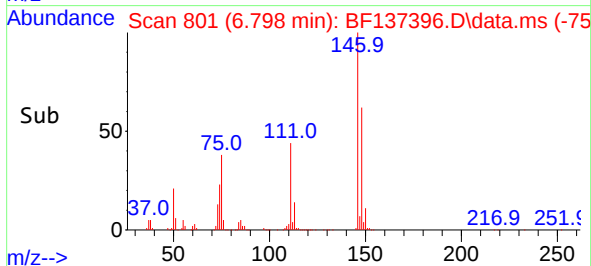
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:146 Resp: 764550
Ion Ratio Lower Upper
146 100
148 62.3 49.9 74.9
111 43.7 34.3 51.5

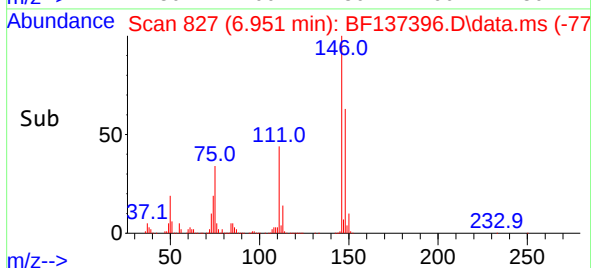
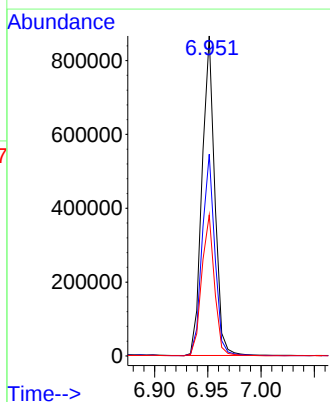
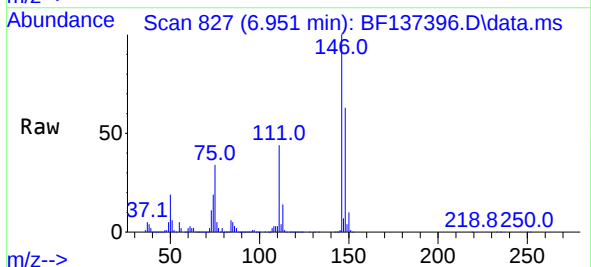
Manual Integrations
APPROVED

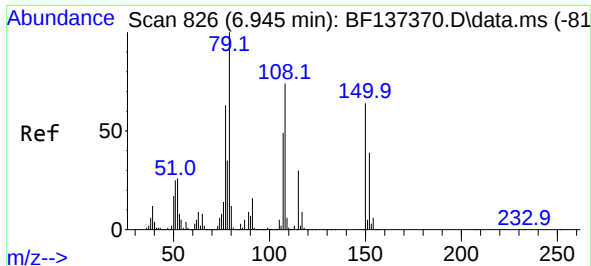
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#14
1,2-Dichlorobenzene
Concen: 48.754 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

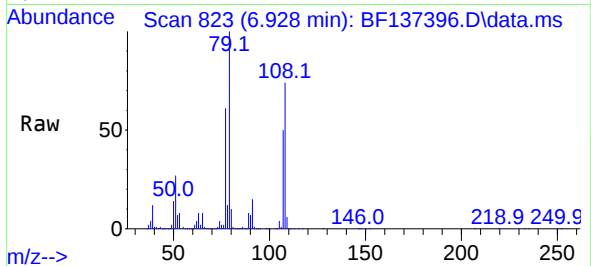
Tgt Ion:146 Resp: 719294
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.0
111 44.1 36.6 54.8





#15
Benzyl Alcohol
Concen: 55.040 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

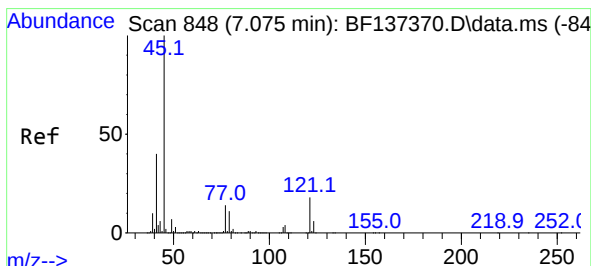
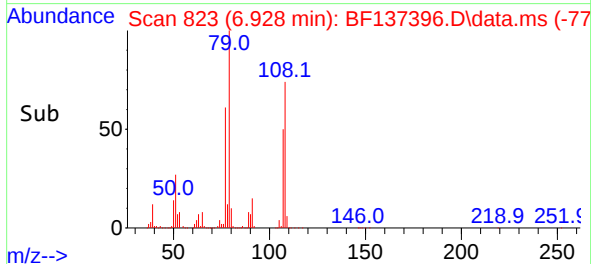
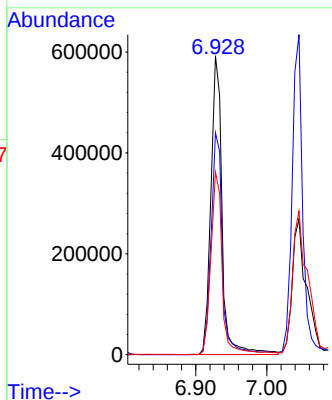
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 79 Resp: 649149
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 61.1 50.5 75.7

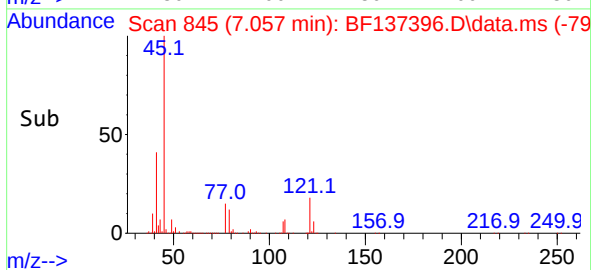
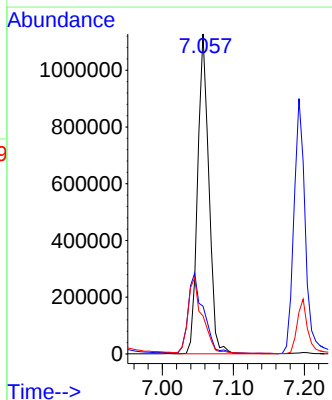
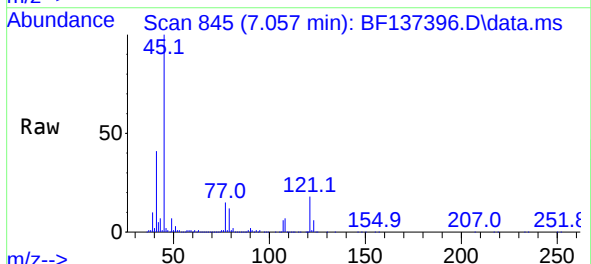
Manual Integrations
APPROVED

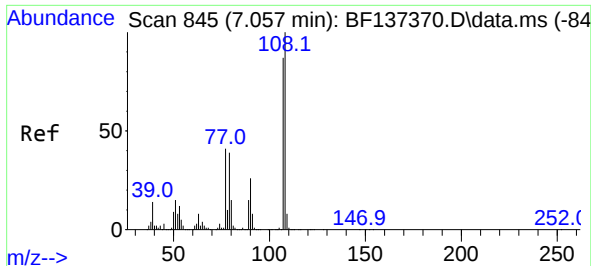
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.455 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

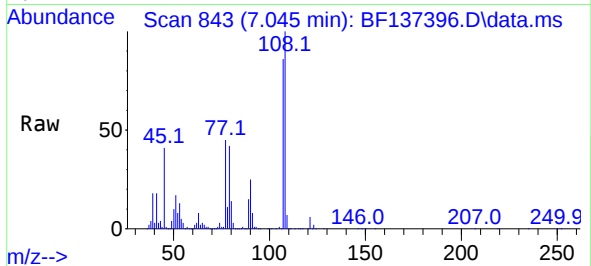
Tgt Ion: 45 Resp: 1241094
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.6
79 11.9 0.0 31.6





#17
2-Methylphenol
Concen: 41.096 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

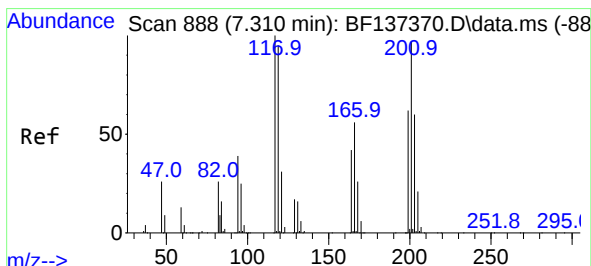
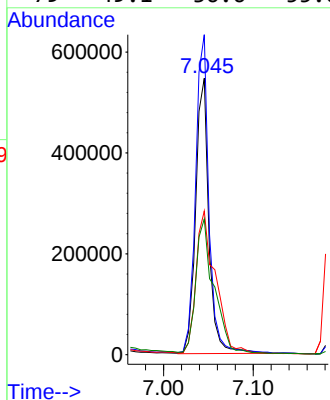
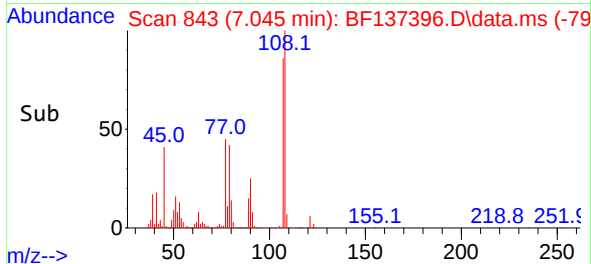
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:107 Resp: 56094
Ion Ratio Lower Upper
107 100
108 115.8 92.2 138.4
77 52.0 38.1 57.1
79 49.1 36.6 55.0

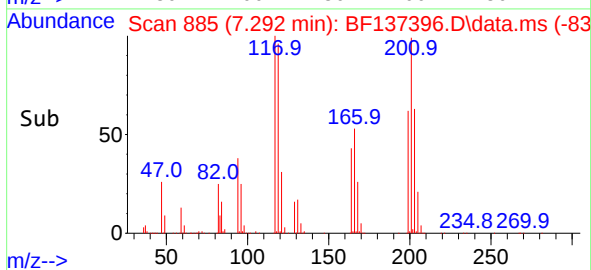
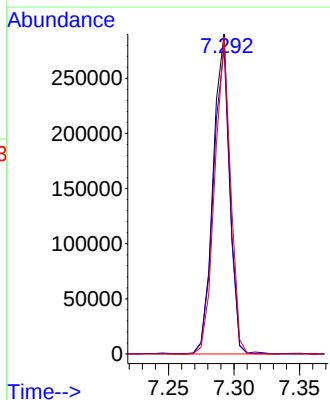
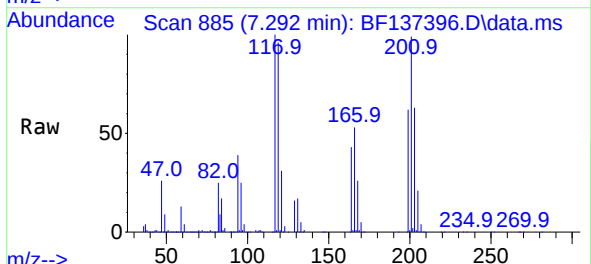
Manual Integrations
APPROVED

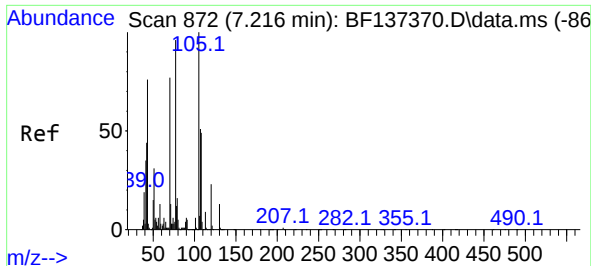
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 46.306 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

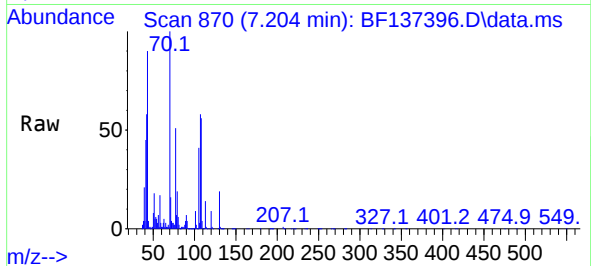
Tgt Ion:117 Resp: 254514
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4
201 99.1 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.575 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

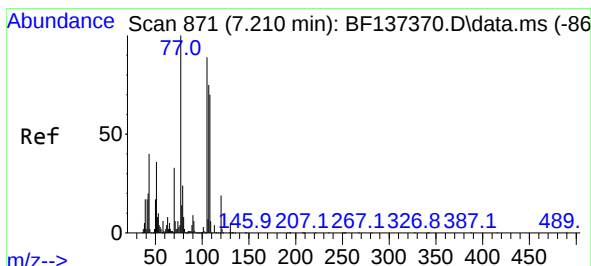
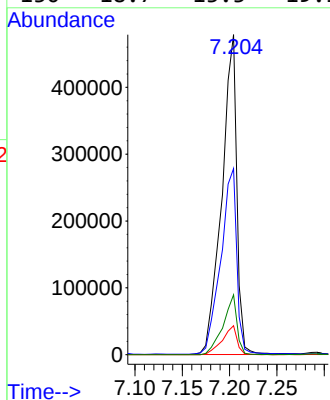
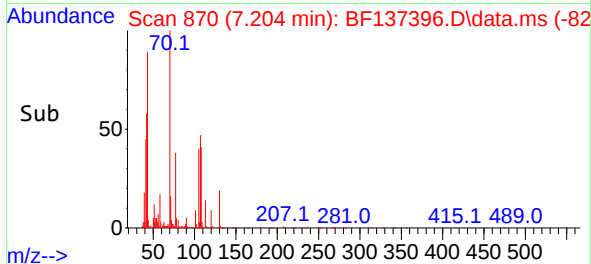
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 70 Resp: 531280
Ion Ratio Lower Upper
70 100
42 58.2 45.3 67.9
101 9.0 6.5 9.7
130 18.7 13.3 19.9

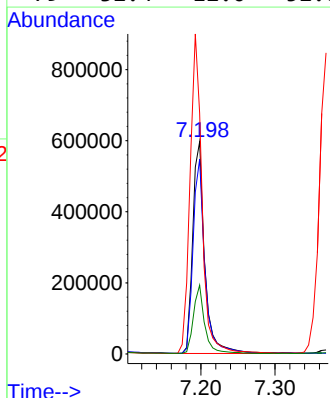
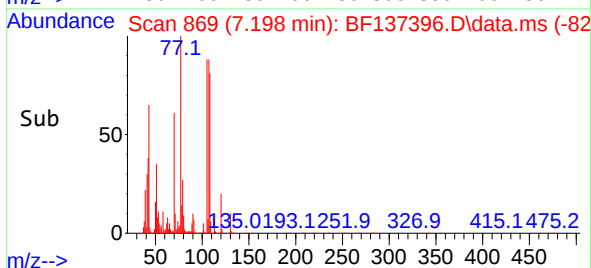
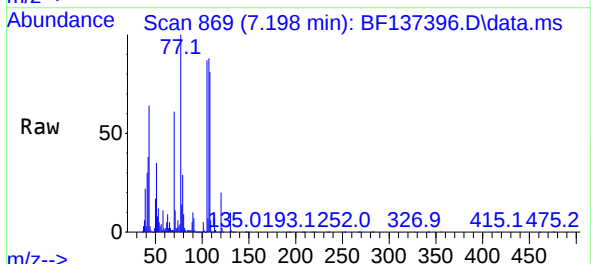
Manual Integrations
APPROVED

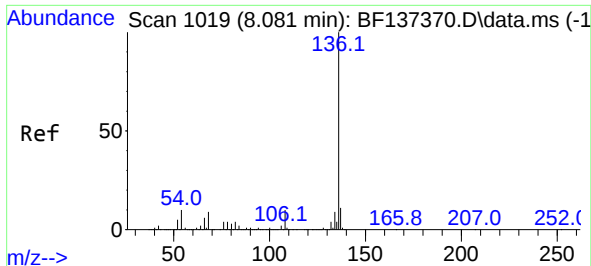
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#20
3+4-Methylphenols
Concen: 43.204 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

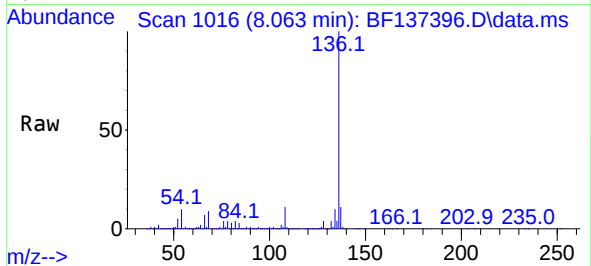
Tgt Ion:107 Resp: 672146
Ion Ratio Lower Upper
107 100
108 91.8 73.1 113.1
77 113.5 113.6 153.6#
79 32.4 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

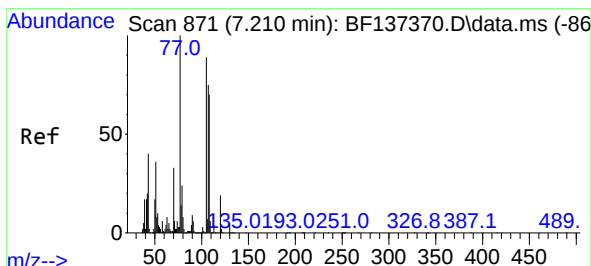
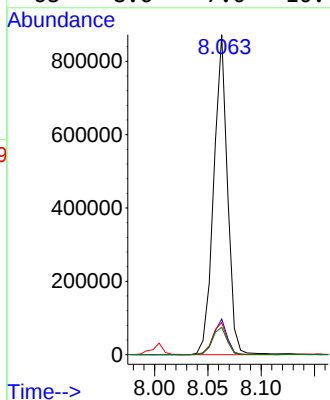
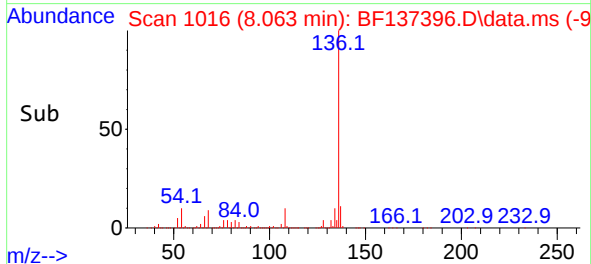
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:136 Resp: 78251
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.1 7.8 11.6
68 8.6 7.0 10.4

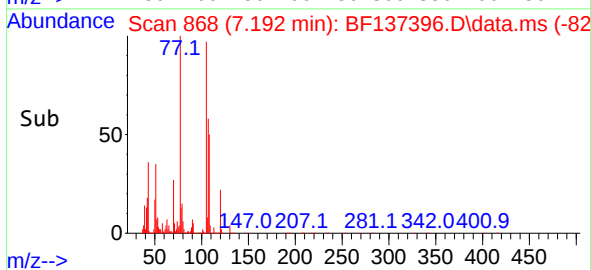
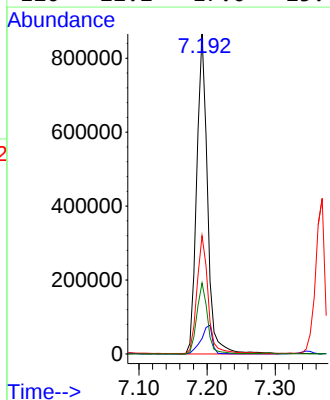
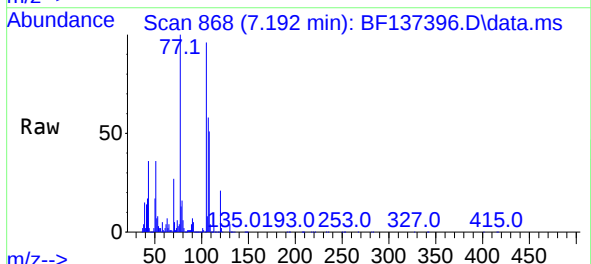
Manual Integrations
APPROVED

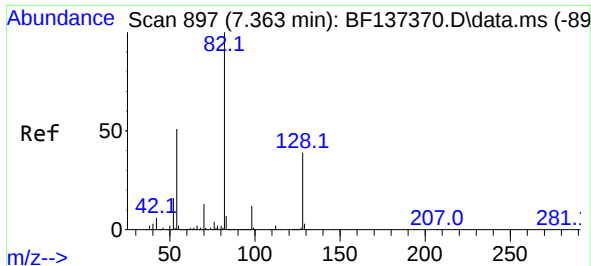
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 50.119 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

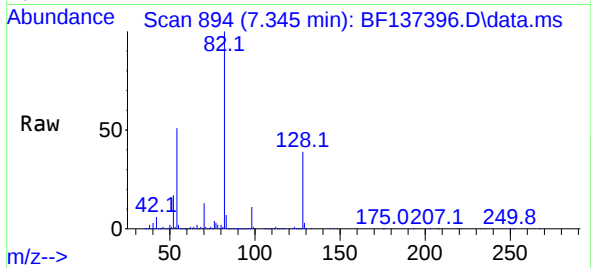
Tgt Ion:105 Resp: 951019
Ion Ratio Lower Upper
105 100
71 4.8 5.0 7.6#
51 36.9 32.2 48.4
120 22.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 69.158 ng
RT: 7.345 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

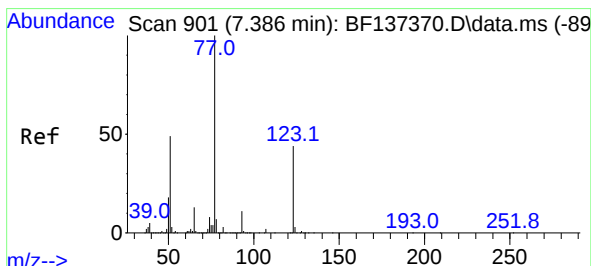
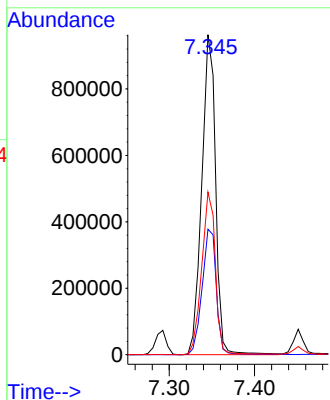
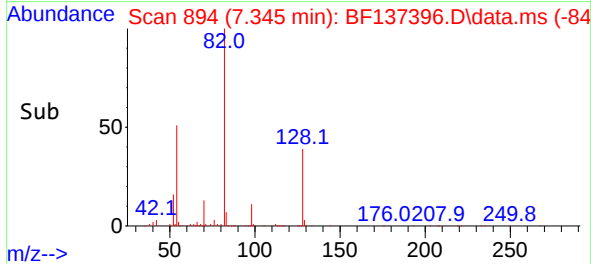
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



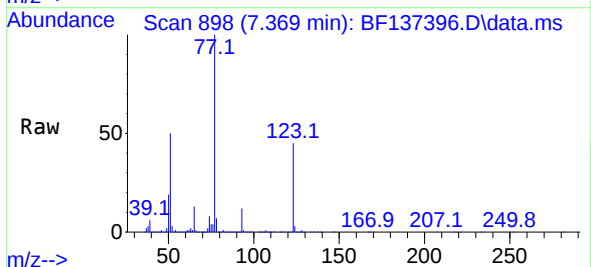
Tgt Ion: 82 Resp: 1083970
Ion Ratio Lower Upper
82 100
128 39.2 30.8 46.2
54 50.8 40.8 61.2

Manual Integrations
APPROVED

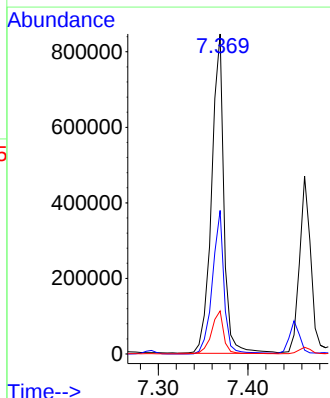
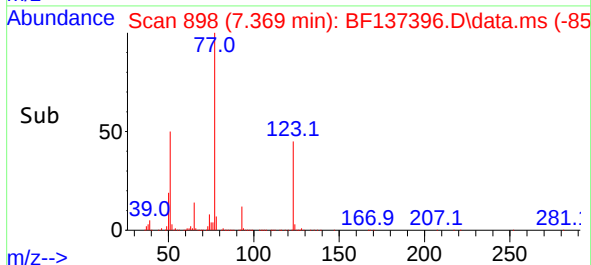
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

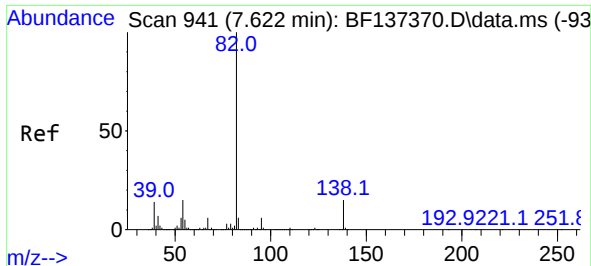


#24
Nitrobenzene
Concen: 50.741 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



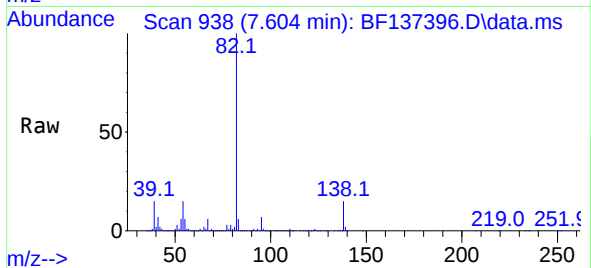
Tgt Ion: 77 Resp: 808129
Ion Ratio Lower Upper
77 100
123 44.9 35.4 53.0
65 13.4 10.3 15.5





#25
Isophorone
Concen: 47.403 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

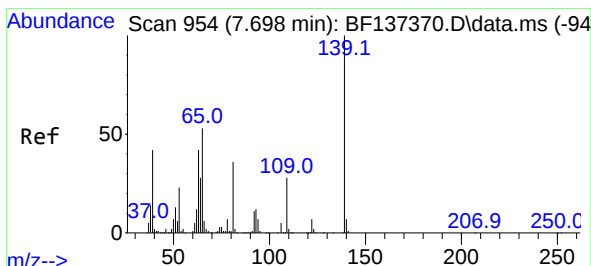
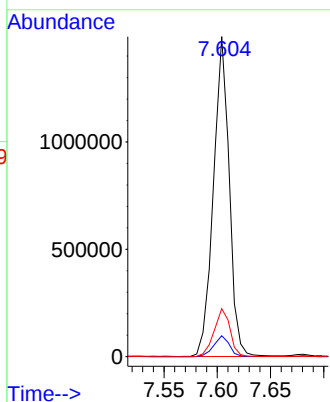
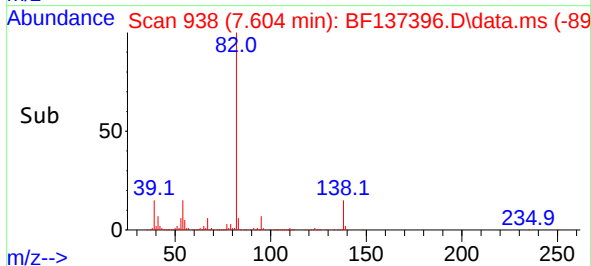
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 82 Resp: 1536488
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.0 12.2 18.4

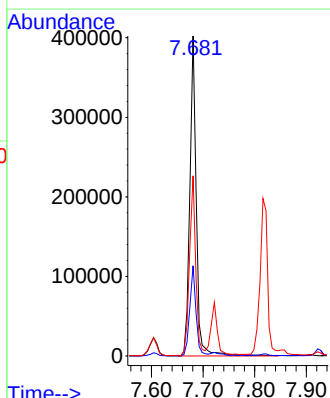
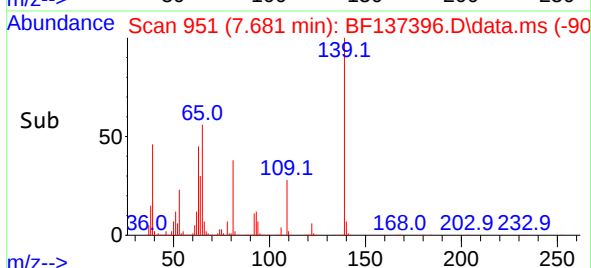
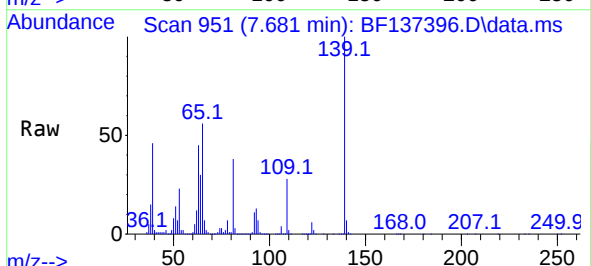
Manual Integrations
APPROVED

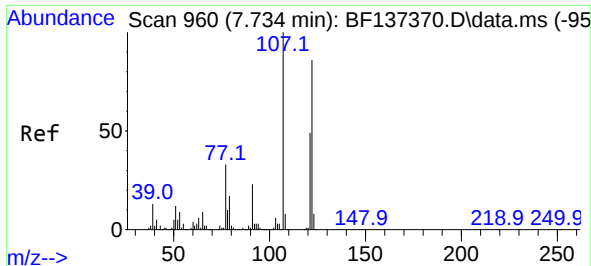
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 57.140 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

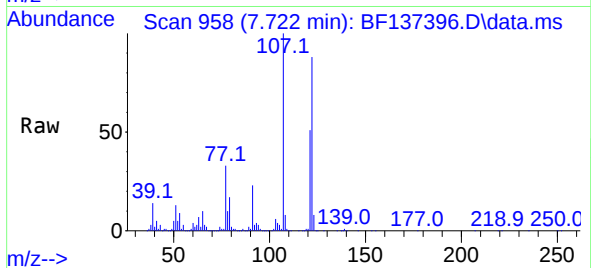
Tgt Ion:139 Resp: 351323
Ion Ratio Lower Upper
139 100
109 28.2 22.5 33.7
65 56.3 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 41.836 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

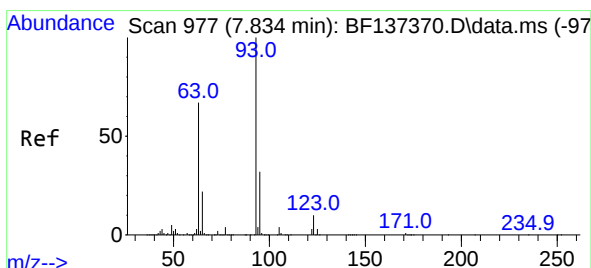
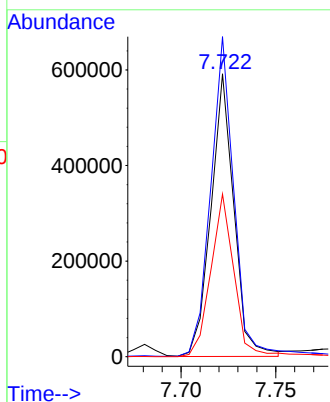
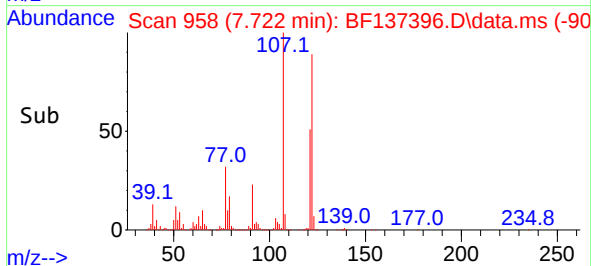
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



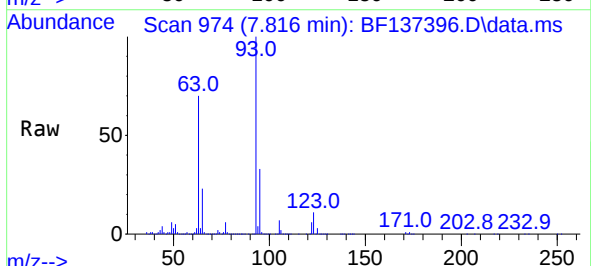
Tgt Ion:122 Resp: 498718
Ion Ratio Lower Upper
122 100
107 113.2 92.7 139.1
121 57.5 45.2 67.8

Manual Integrations
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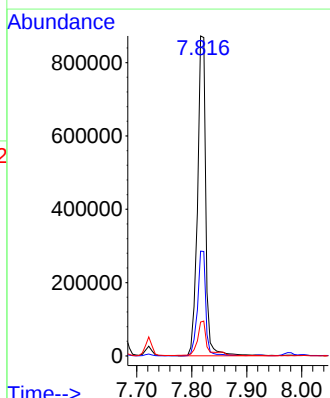
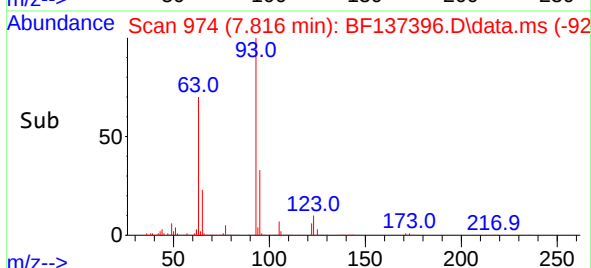
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

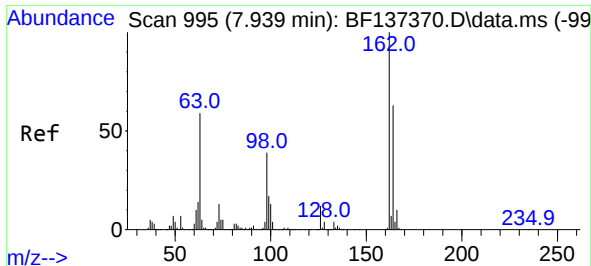


#28
bis(2-Chloroethoxy)methane
Concen: 48.962 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



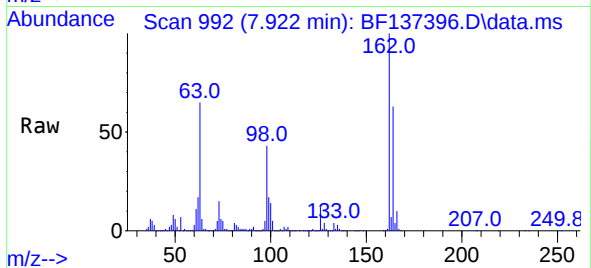
Tgt Ion: 93 Resp: 914742
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 10.6 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 48.935 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

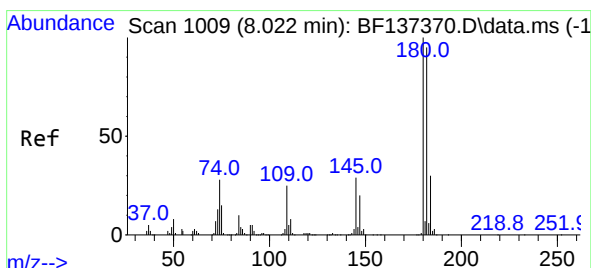
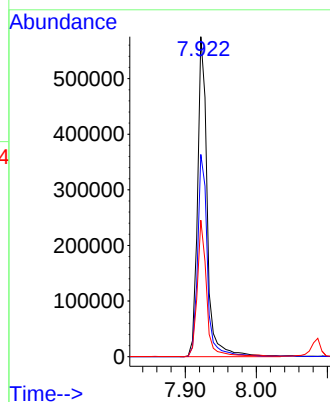
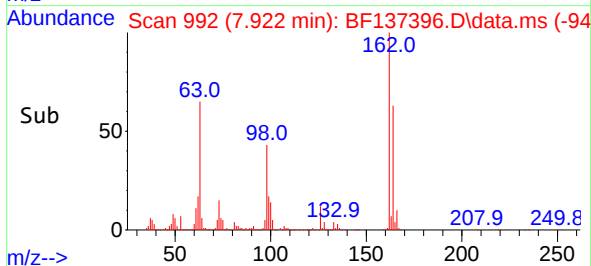
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



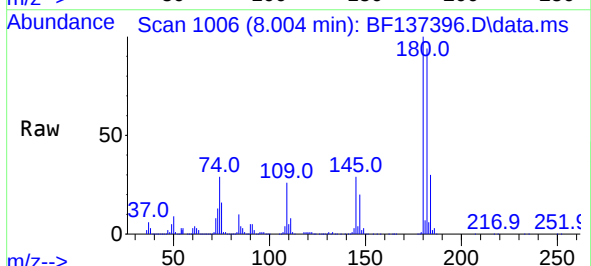
Tgt Ion:162 Resp: 54673
Ion Ratio Lower Upper
162 100
164 63.2 43.1 83.1
98 42.6 19.0 59.0

Manual Integrations
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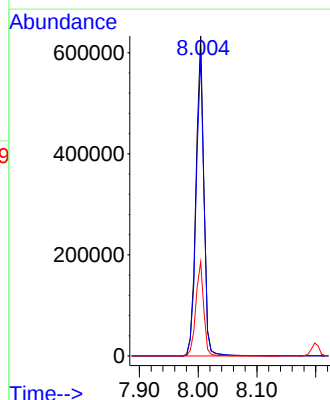
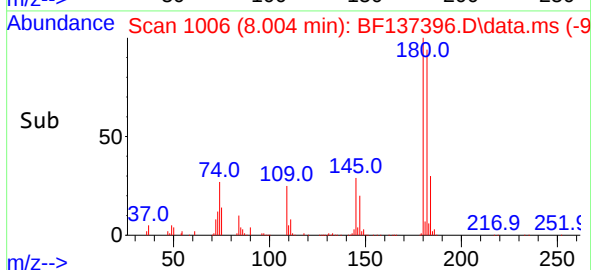
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

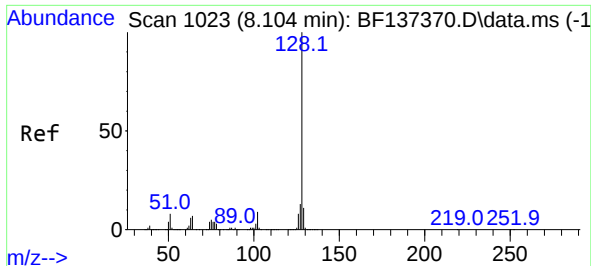


#30
1,2,4-Trichlorobenzene
Concen: 49.276 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



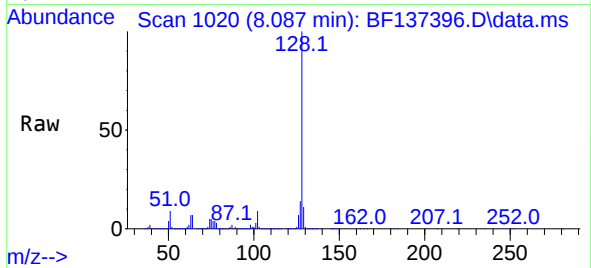
Tgt Ion:180 Resp: 590940
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.6
145 29.4 23.4 35.0





#31
Naphthalene
Concen: 46.908 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

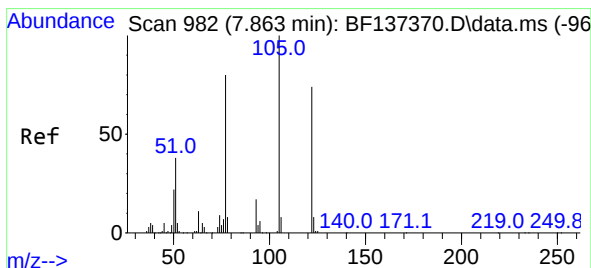
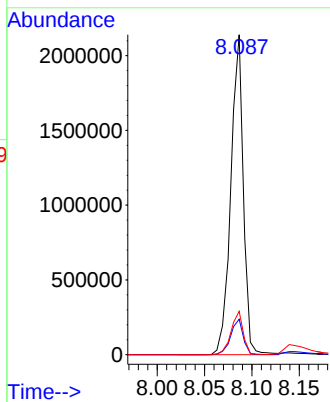
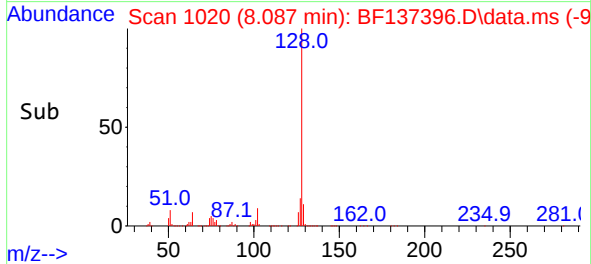
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:128 Resp: 1969832
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.6 16.0

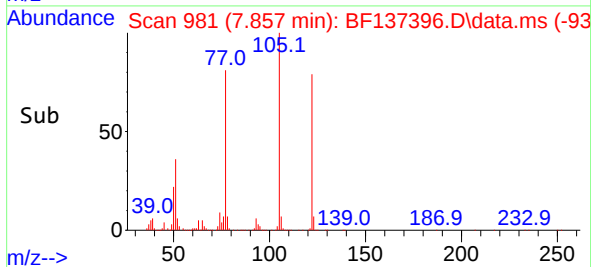
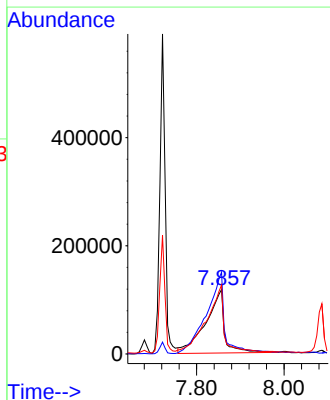
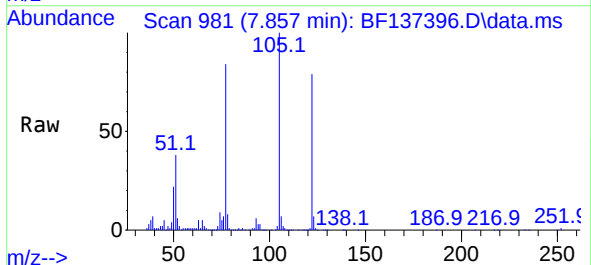
Manual Integrations
APPROVED

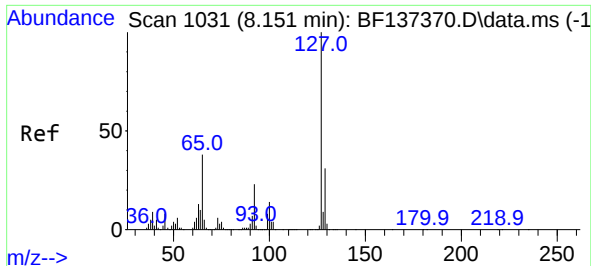
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 48.567 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

Tgt Ion:122 Resp: 354970
Ion Ratio Lower Upper
122 100
105 126.8 101.1 141.1
77 107.1 82.8 122.8





#33

4-Chloroaniline

Concen: 7.617 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:127 Resp: 121664

Ion Ratio Lower Upper

127 100

129 30.8 25.0 37.6

65 34.4 30.4 45.6

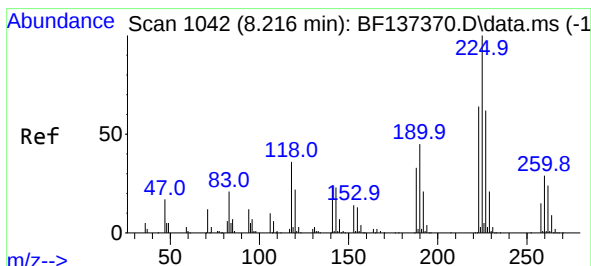
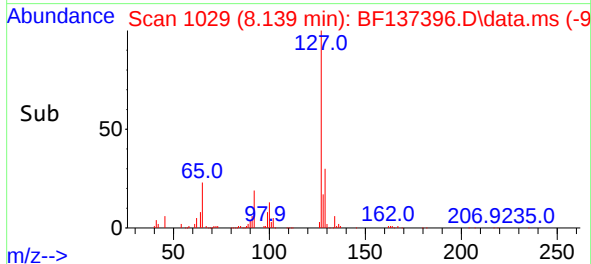
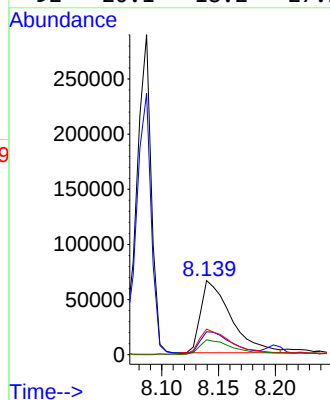
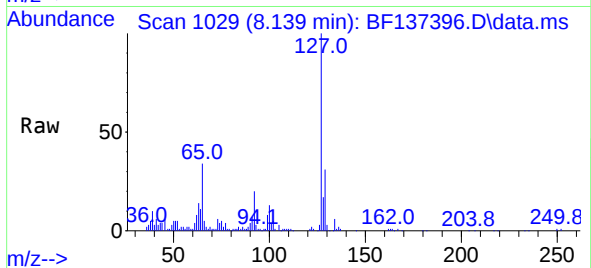
92 20.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#34

Hexachlorobutadiene

Concen: 48.912 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.018 min

Lab File: BF137396.D

Acq: 26 Feb 2024 20:31

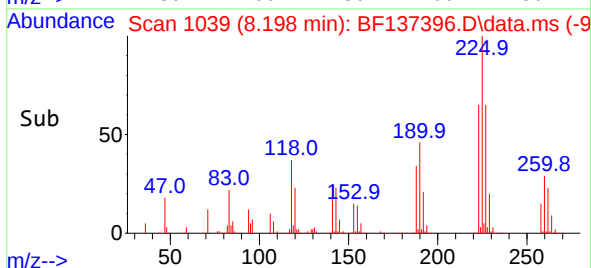
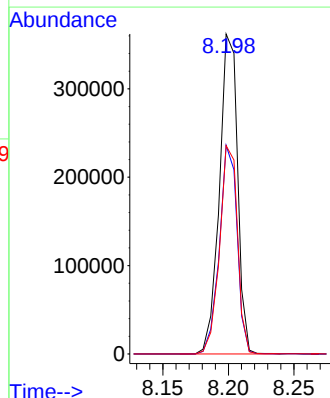
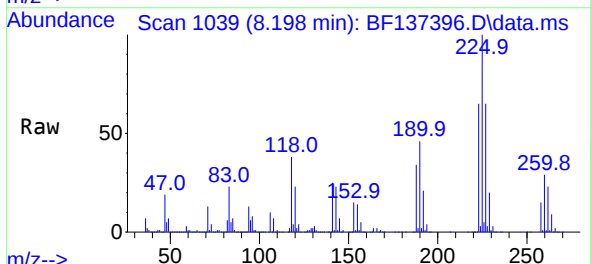
Tgt Ion:225 Resp: 348464

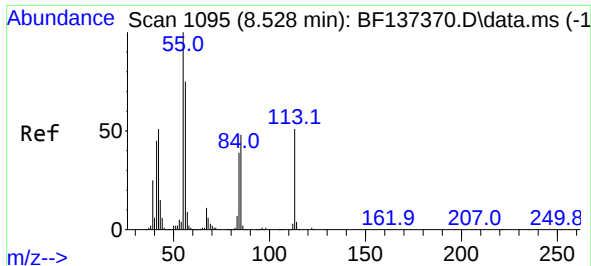
Ion Ratio Lower Upper

225 100

223 65.2 51.4 77.0

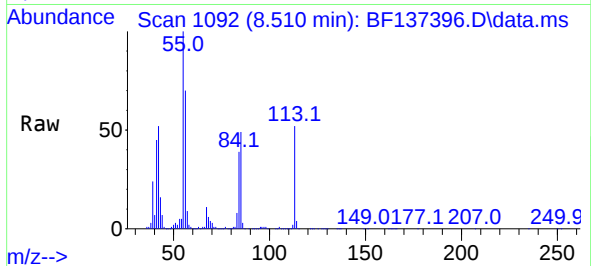
227 65.1 49.8 74.6





#35
Caprolactam
Concen: 46.628 ng m
RT: 8.510 min Scan# 1095
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

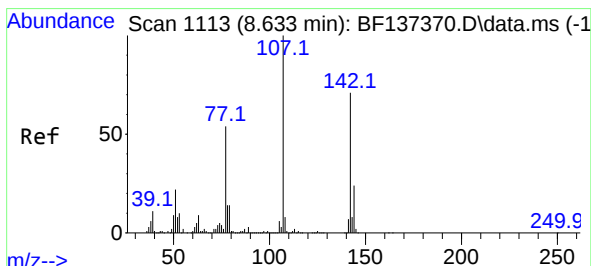
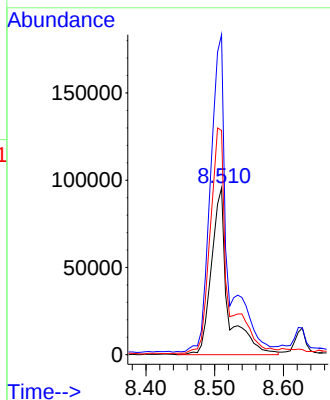
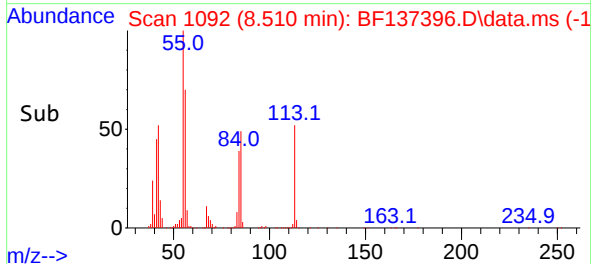
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



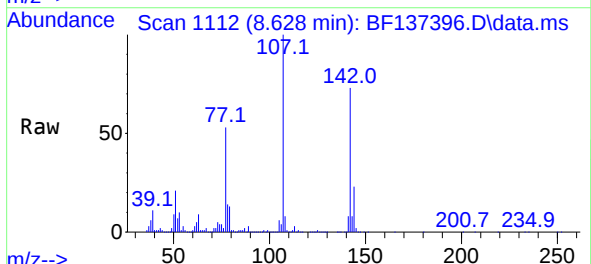
Tgt Ion:113 Resp: 161107
Ion Ratio Lower Upper
113 100
55 191.9 176.3 216.3
56 134.4 127.6 167.6

Manual Integrations
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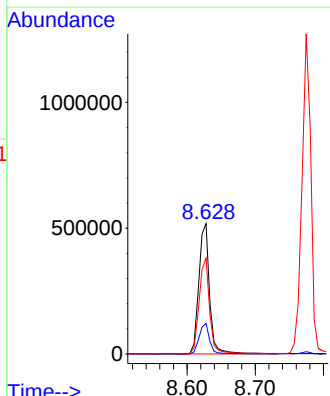
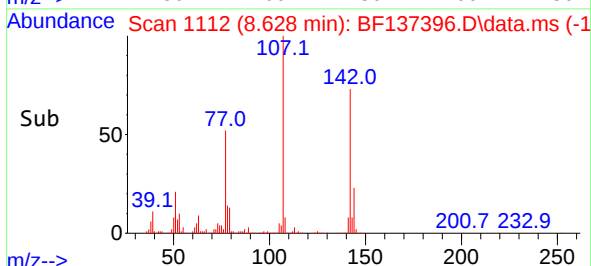
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

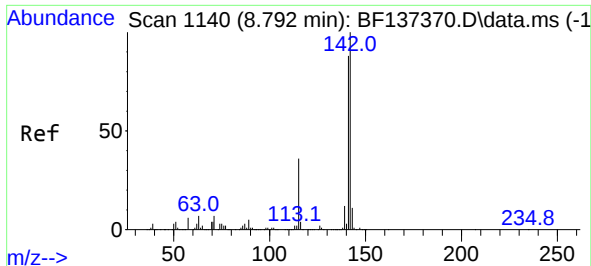


#36
4-Chloro-3-methylphenol
Concen: 44.944 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



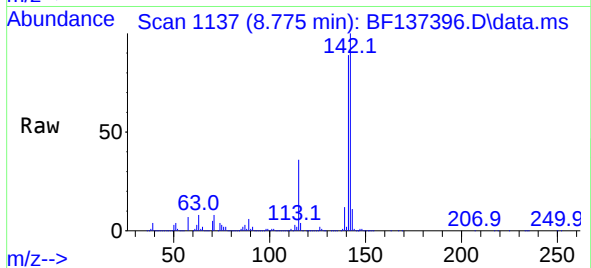
Tgt Ion:107 Resp: 569283
Ion Ratio Lower Upper
107 100
144 23.5 18.9 28.3
142 73.5 56.6 85.0





#37
2-Methylnaphthalene
Concen: 43.198 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

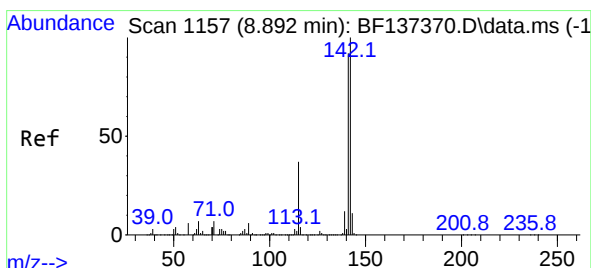
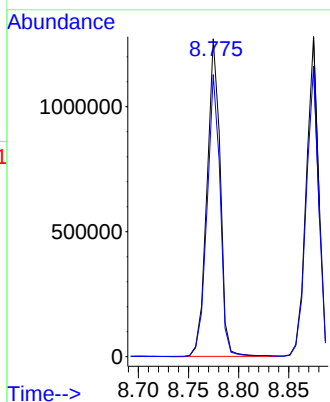
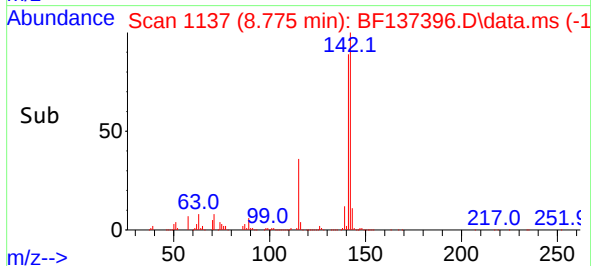
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



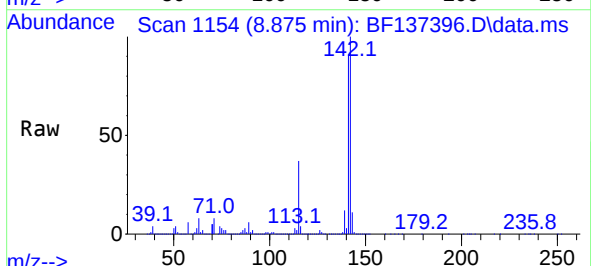
Tgt Ion:142 Resp: 1168912
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5

Manual Integrations
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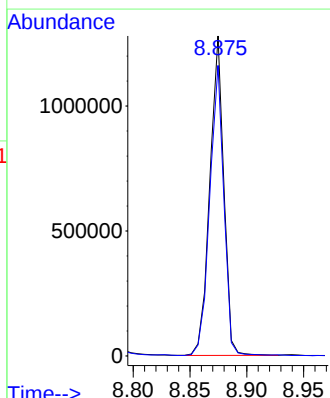
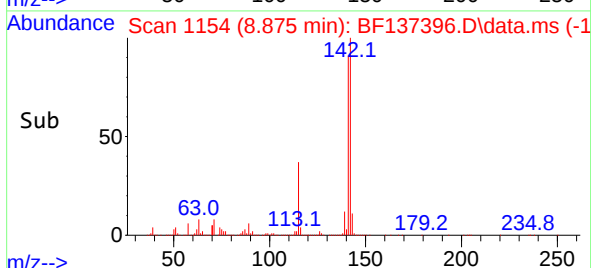
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

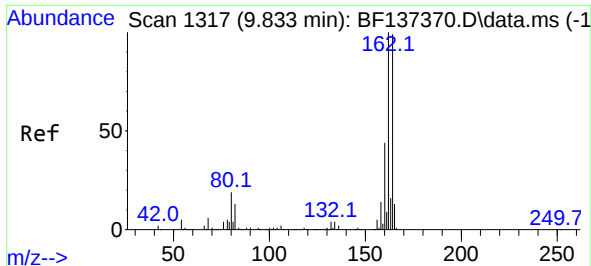


#38
1-Methylnaphthalene
Concen: 42.675 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



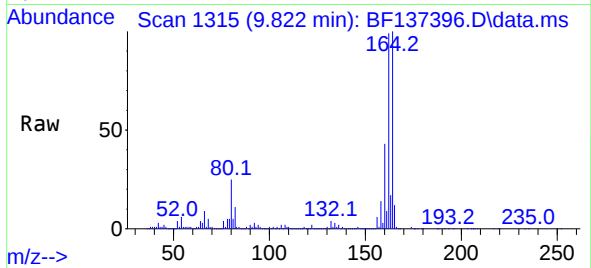
Tgt Ion:142 Resp: 1091792
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

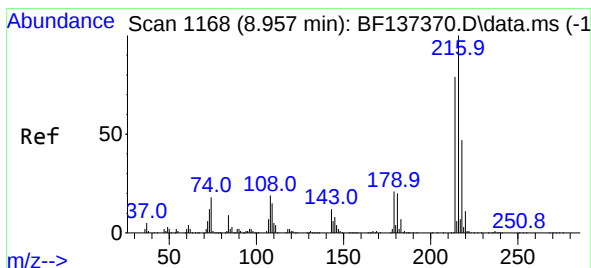
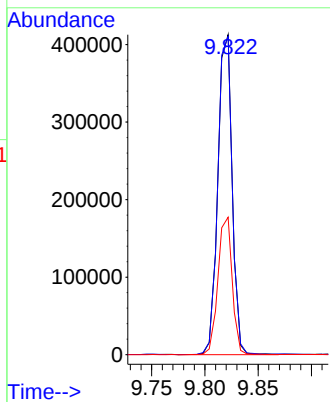
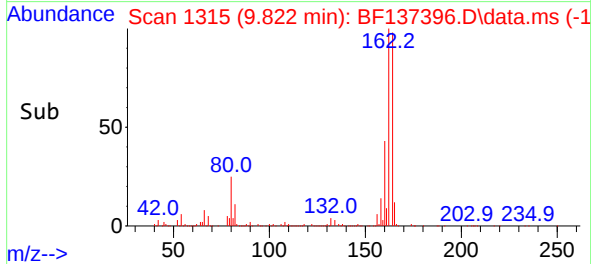
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:164 Resp: 383489
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 42.9 35.7 53.5

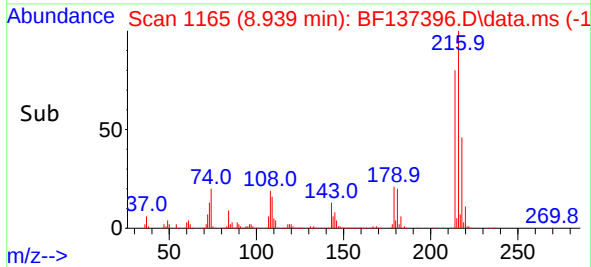
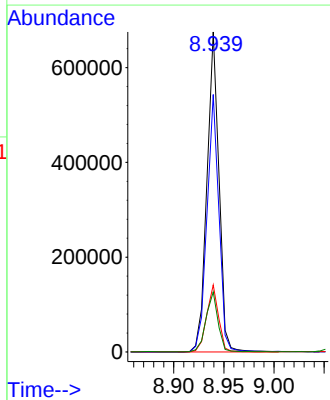
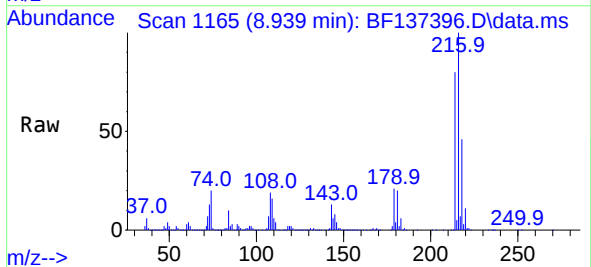
Manual Integrations
APPROVED

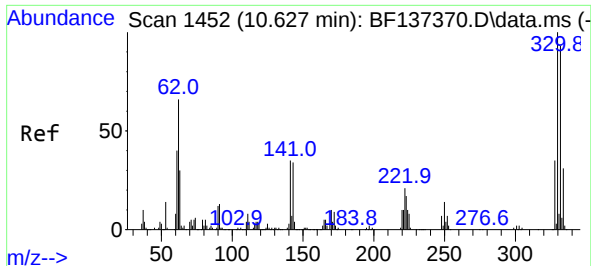
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.420 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

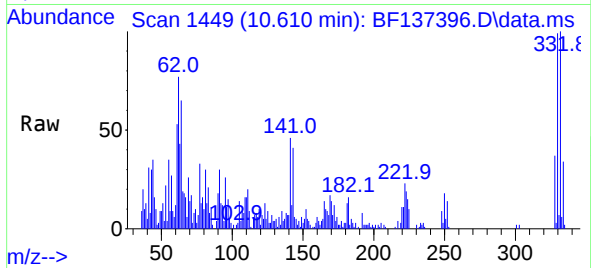
Tgt Ion:216 Resp: 564245
Ion Ratio Lower Upper
216 100
214 80.4 62.3 93.5
179 20.7 16.5 24.7
108 18.7 16.5 24.7





#42
2,4,6-Tribromophenol
Concen: 3.559 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

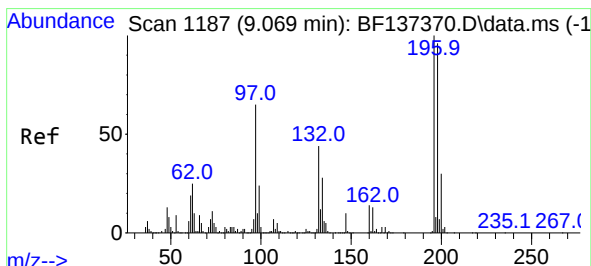
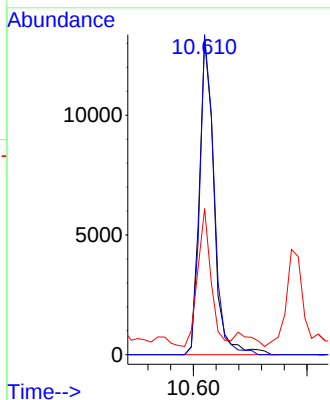
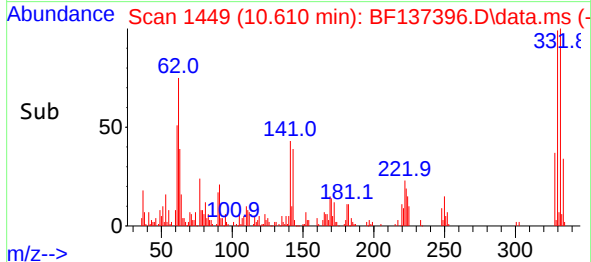
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



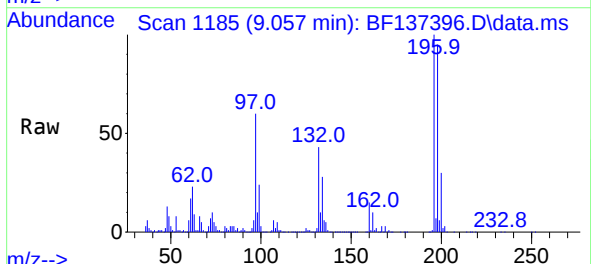
Tgt Ion:330 Resp: 11884
Ion Ratio Lower Upper
330 100
332 98.4 75.6 113.4
141 0.0 28.6 42.8

Manual Integrations
APPROVED

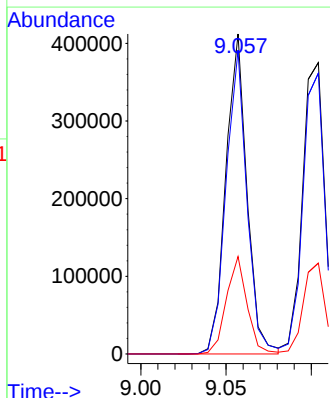
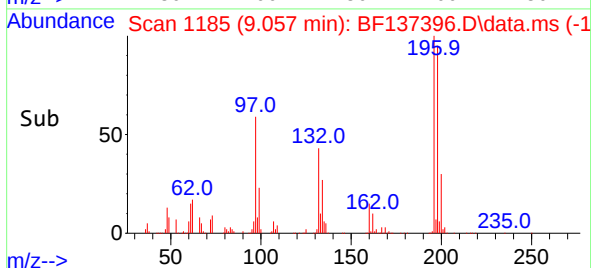
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

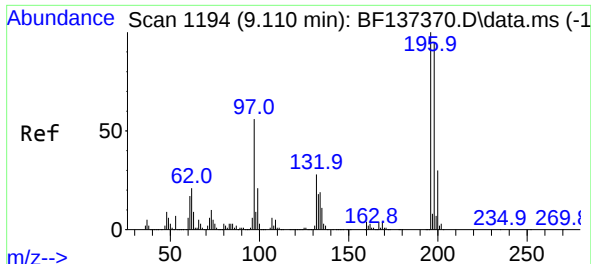


#43
2,4,6-Trichlorophenol
Concen: 51.794 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



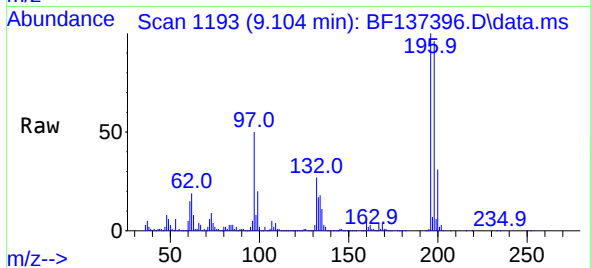
Tgt Ion:196 Resp: 354710
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
200 30.4 24.3 36.5





#44
2,4,5-Trichlorophenol
Concen: 44.414 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

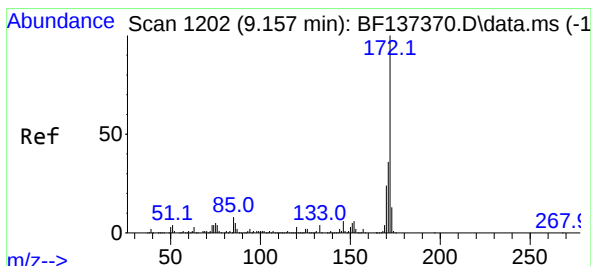
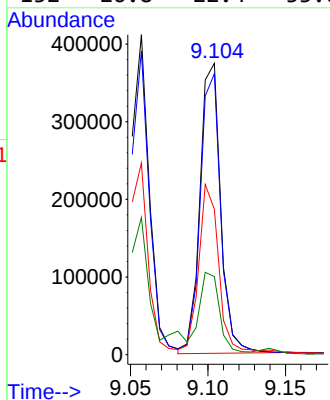
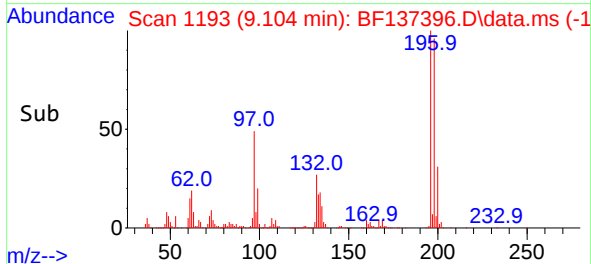
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



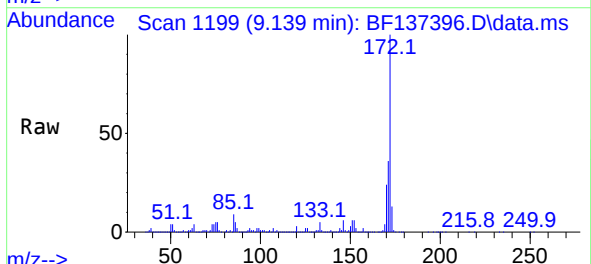
Tgt Ion:196 Resp: 348960
Ion Ratio Lower Upper
196 100
198 96.4 75.6 113.4
97 49.9 44.6 66.8
132 26.8 22.4 33.6

Manual Integrations
APPROVED

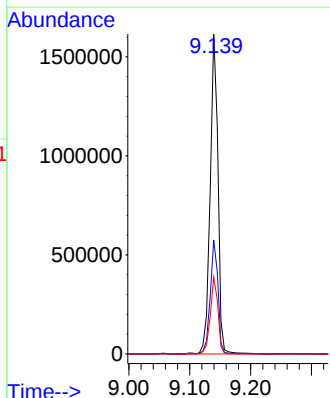
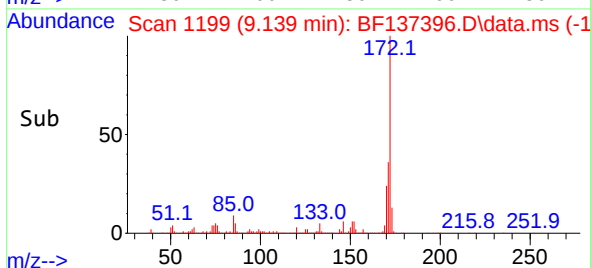
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

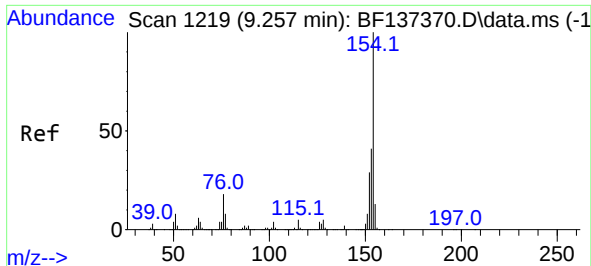


#45
2-Fluorobiphenyl
Concen: 58.493 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



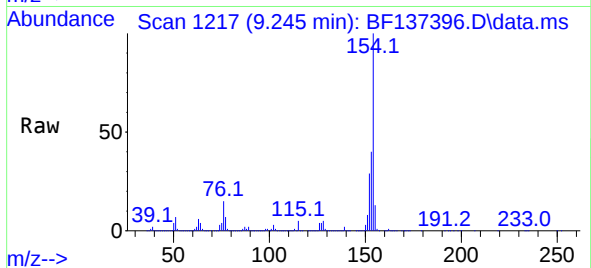
Tgt Ion:172 Resp: 1440831
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.0 19.5 29.3





#46
1,1'-Biphenyl
Concen: 50.572 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

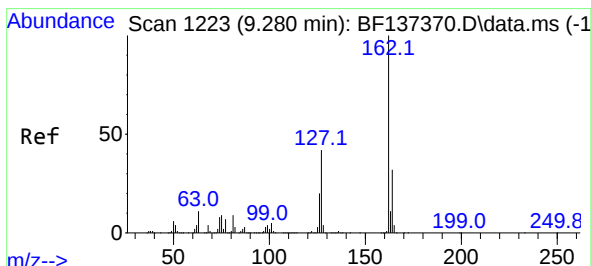
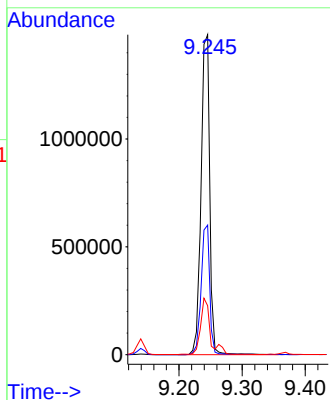
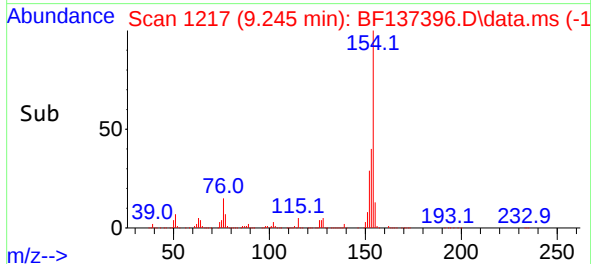
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



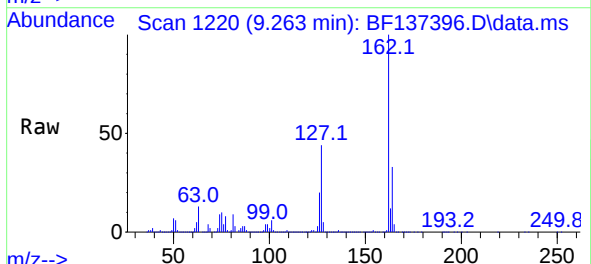
Tgt Ion:154 Resp: 1412510
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 15.3 0.0 37.9

Manual Integrations
APPROVED

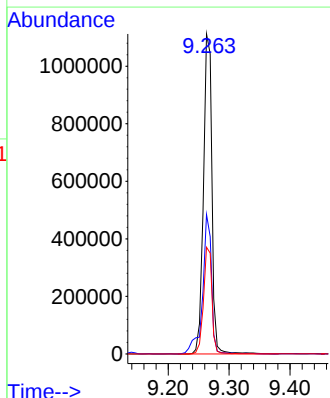
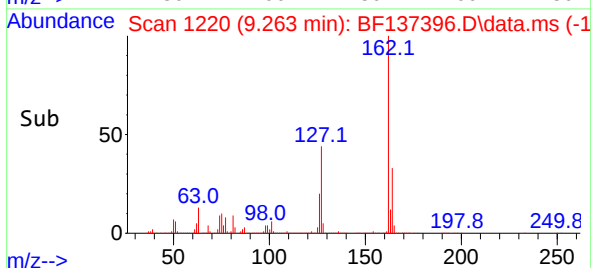
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

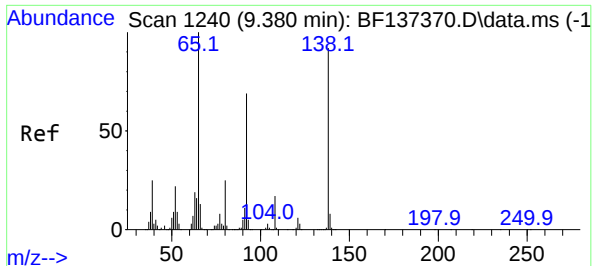


#47
2-Chloronaphthalene
Concen: 51.024 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



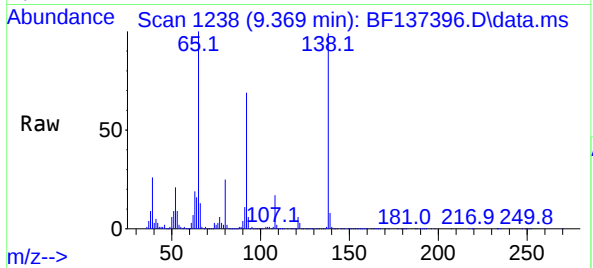
Tgt Ion:162 Resp: 1076268
Ion Ratio Lower Upper
162 100
127 43.6 33.6 50.4
164 33.4 25.9 38.9





#48
2-Nitroaniline
Concen: 53.063 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

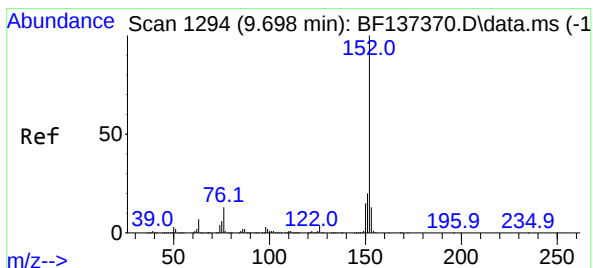
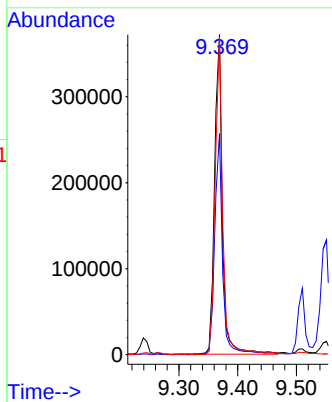
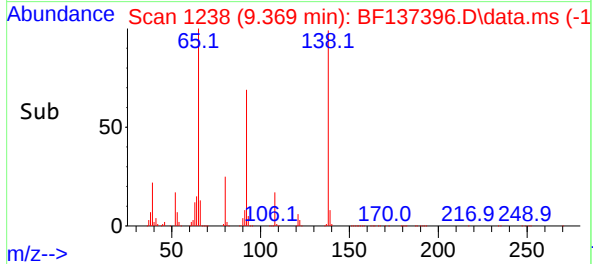
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 65 Resp: 34308
Ion Ratio Lower Upper
65 100
92 69.1 55.0 82.6
138 99.3 73.7 110.5

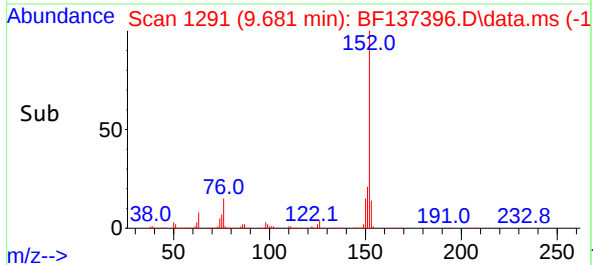
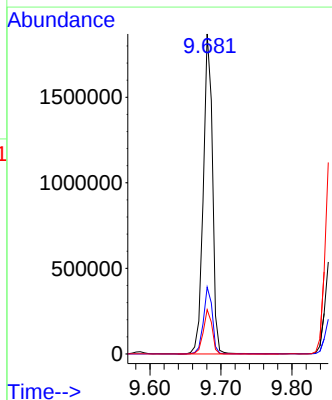
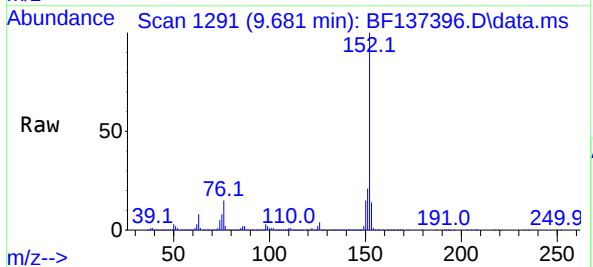
Manual Integrations
APPROVED

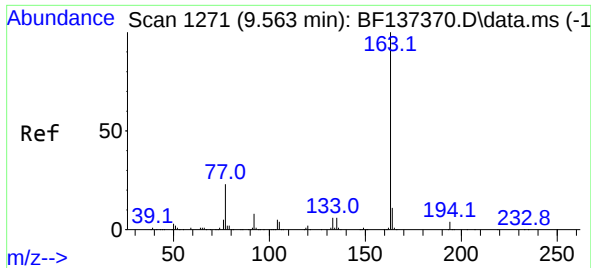
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#49
Acenaphthylene
Concen: 49.049 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

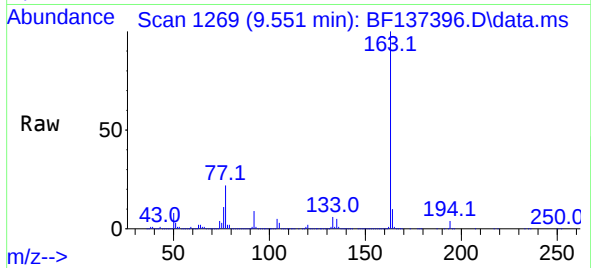
Tgt Ion:152 Resp: 1680951
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.9 10.6 15.8





#50
Dimethylphthalate
Concen: 48.247 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

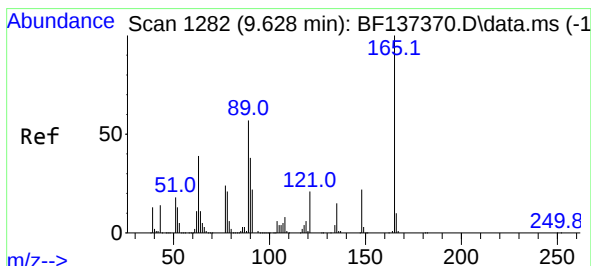
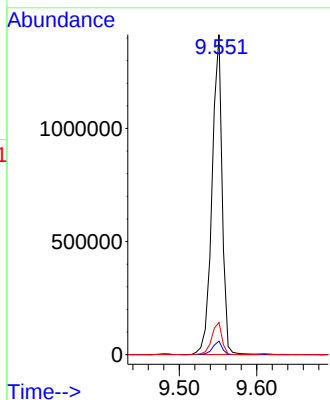
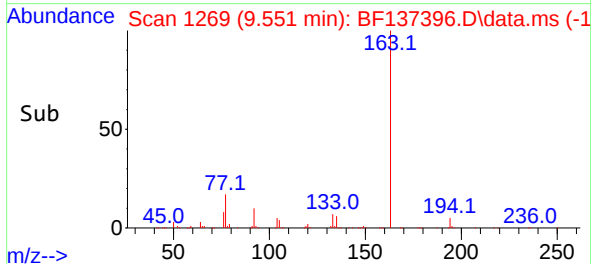
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



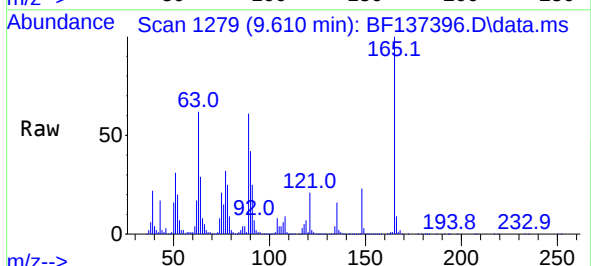
Tgt Ion:163 Resp: 127848
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.0 8.5 12.7

Manual Integrations
APPROVED

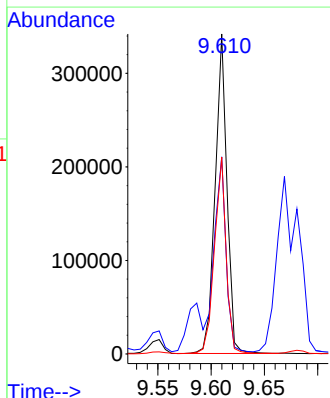
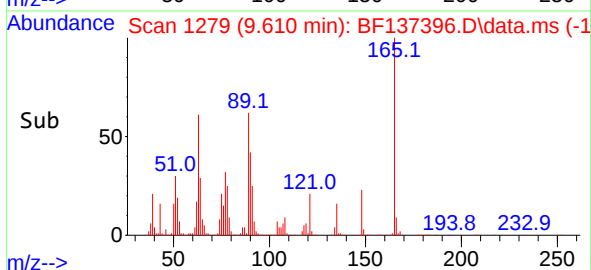
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

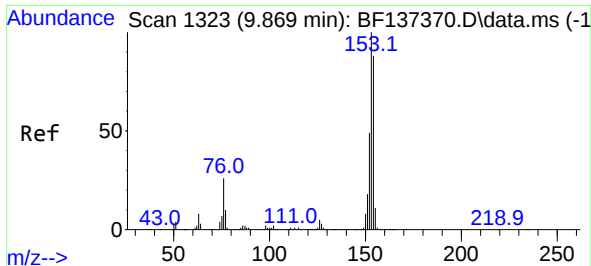


#51
2,6-Dinitrotoluene
Concen: 53.115 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



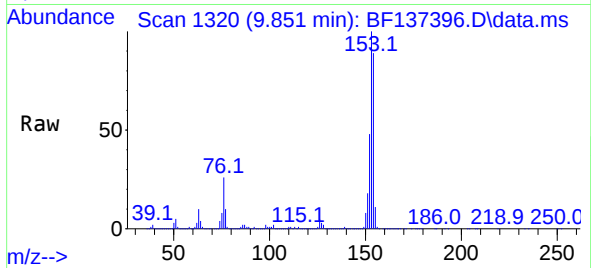
Tgt Ion:165 Resp: 261846
Ion Ratio Lower Upper
165 100
63 61.6 41.6 62.4
89 61.5 45.8 68.6





#52
Acenaphthene
Concen: 46.627 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

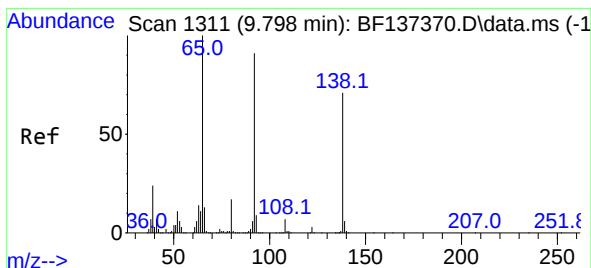
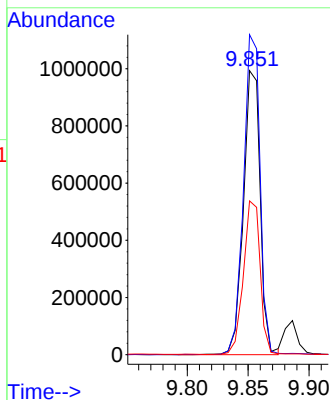
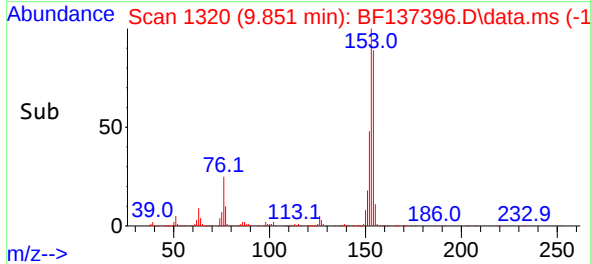
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



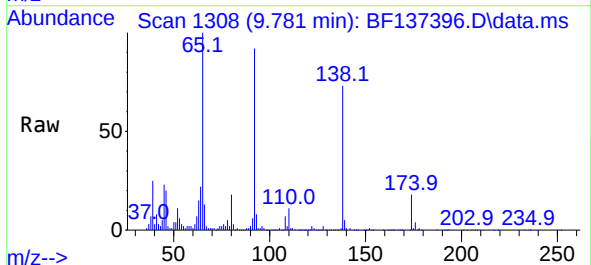
Tgt Ion:154 Resp: 95386
Ion Ratio Lower Upper
154 100
153 112.7 90.6 135.8
152 54.2 44.1 66.1

Manual Integrations
APPROVED

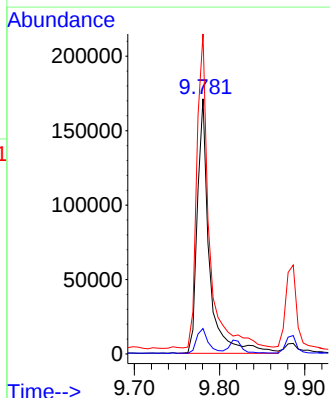
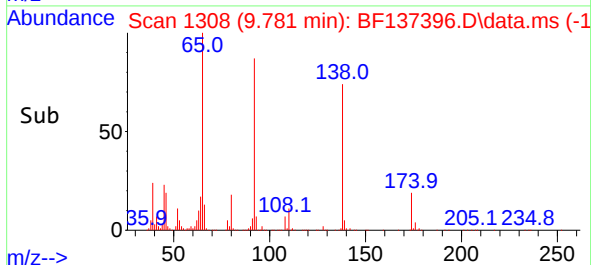
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

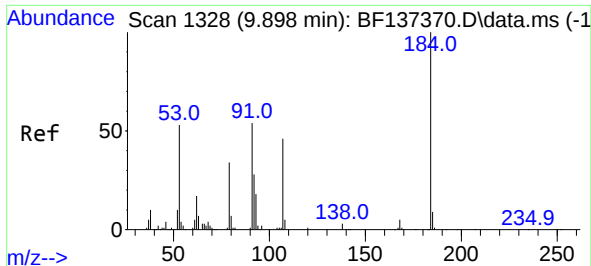


#53
3-Nitroaniline
Concen: 30.660 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



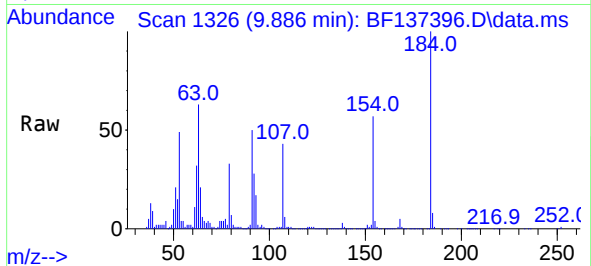
Tgt Ion:138 Resp: 167659
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 125.4 102.2 153.2





#54
2,4-Dinitrophenol
Concen: 69.142 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

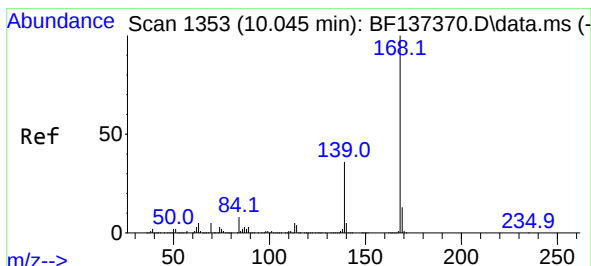
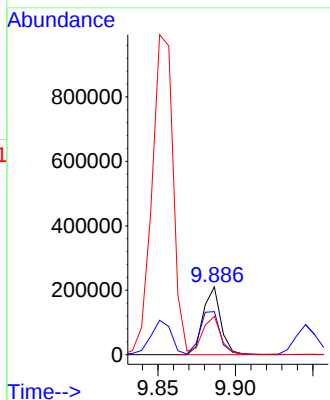
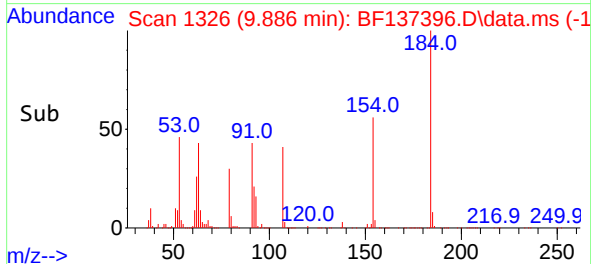
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



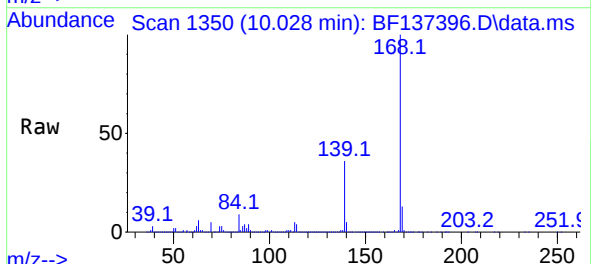
Tgt Ion:184 Resp: 165600
Ion Ratio Lower Upper
184 100
63 63.4 55.9 83.9
154 56.6 47.6 71.4

Manual Integrations
APPROVED

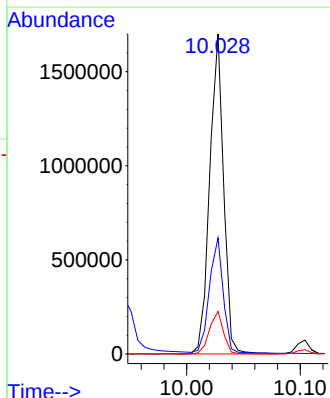
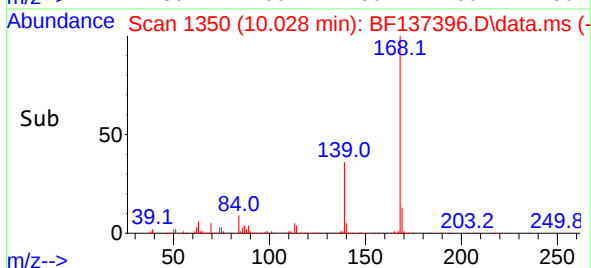
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

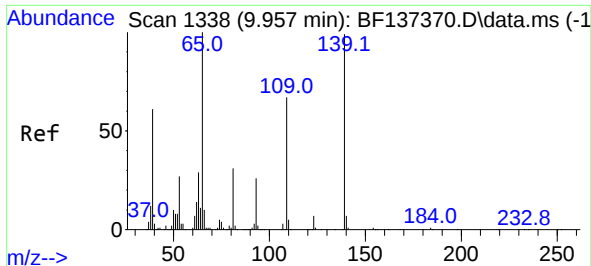


#55
Dibenzofuran
Concen: 45.663 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



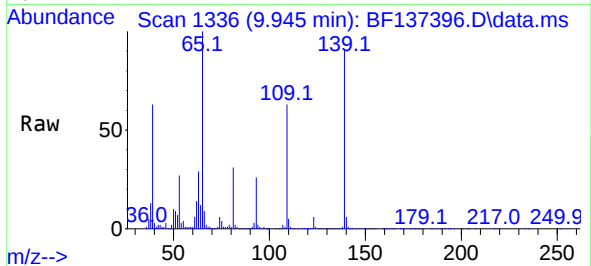
Tgt Ion:168 Resp: 1443777
Ion Ratio Lower Upper
168 100
139 36.2 28.9 43.3
169 13.3 10.8 16.2





#56
4-Nitrophenol
Concen: 78.014 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

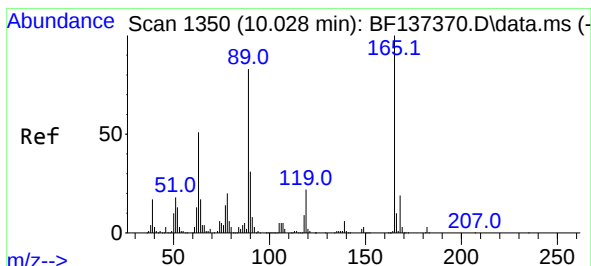
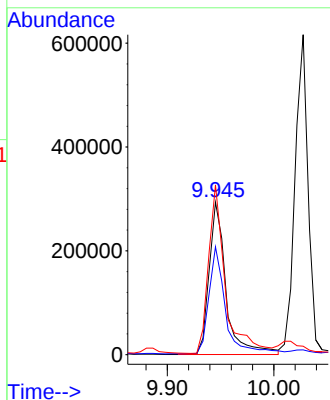
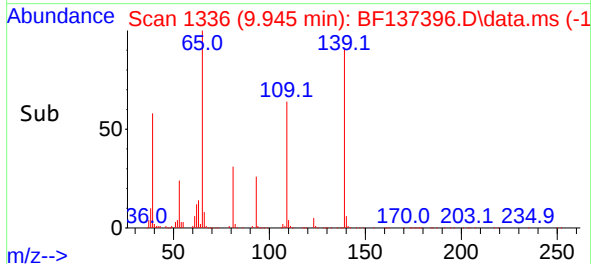
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:139 Resp: 32522
Ion Ratio Lower Upper
139 100
109 70.7 48.0 88.0
65 111.3 82.2 122.2

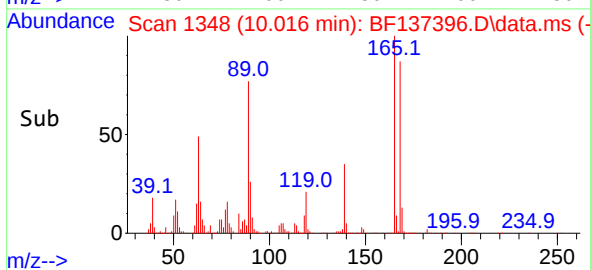
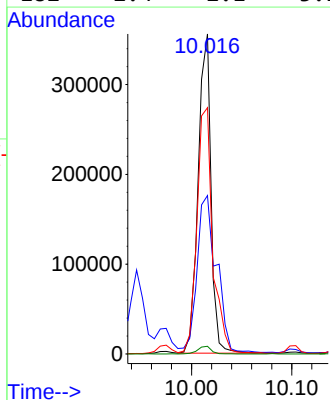
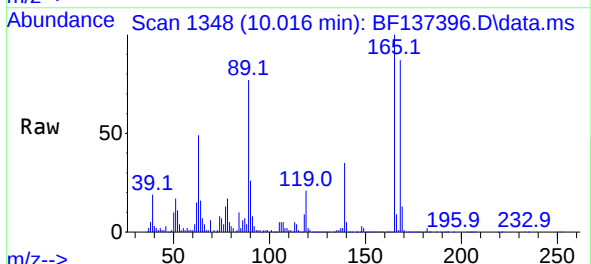
Manual Integrations
APPROVED

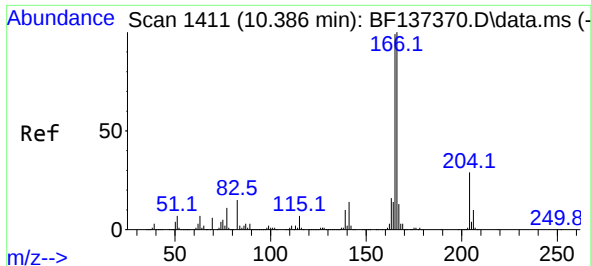
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#57
2,4-Dinitrotoluene
Concen: 50.960 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

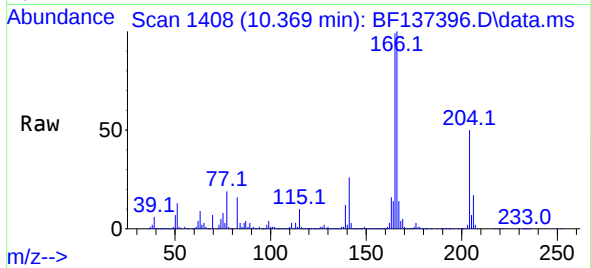
Tgt Ion:165 Resp: 318036
Ion Ratio Lower Upper
165 100
63 49.5 41.1 61.7
89 76.9 66.6 100.0
182 2.4 2.1 3.1





#58
Fluorene
Concen: 43.205 ng
RT: 10.369 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

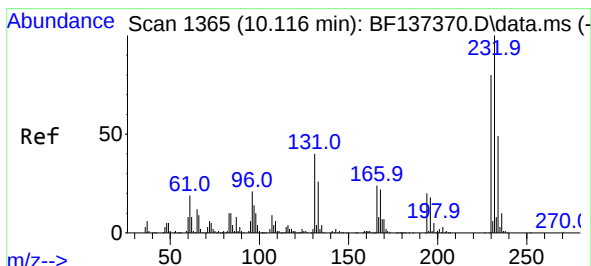
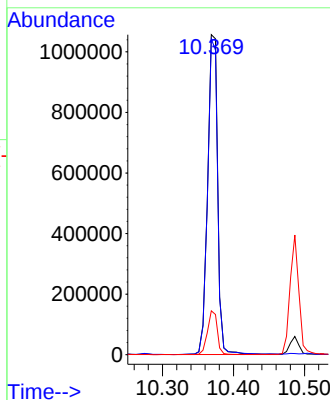
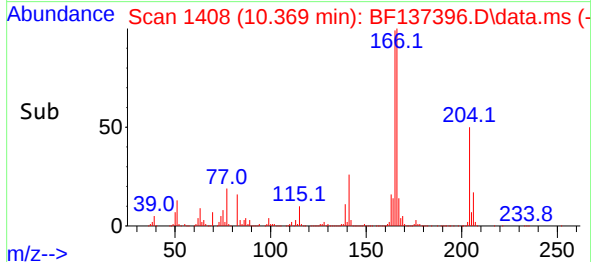
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



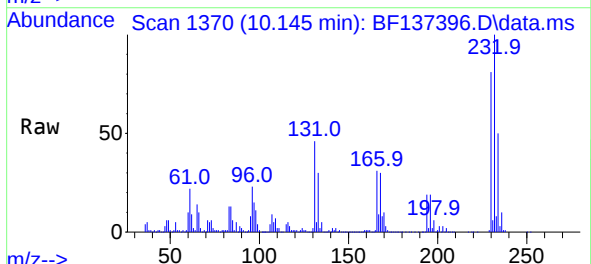
Tgt Ion:166 Resp: 104323
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 13.7 10.5 15.7

Manual Integrations
APPROVED

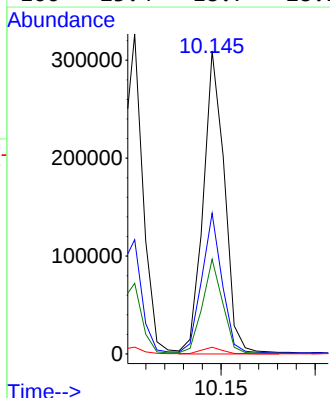
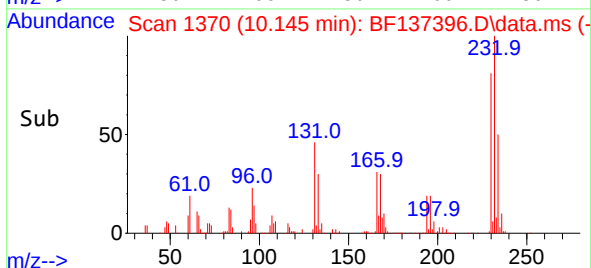
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

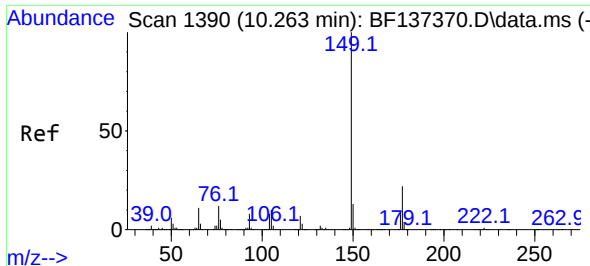


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.429 ng m
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



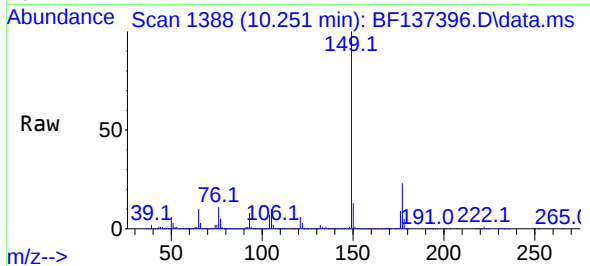
Tgt Ion:232 Resp: 243526
Ion Ratio Lower Upper
232 100
131 38.8 31.1 46.7
130 2.4 1.8 2.6
166 23.4 18.7 28.1





#60
Diethylphthalate
Concen: 47.692 ng
RT: 10.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

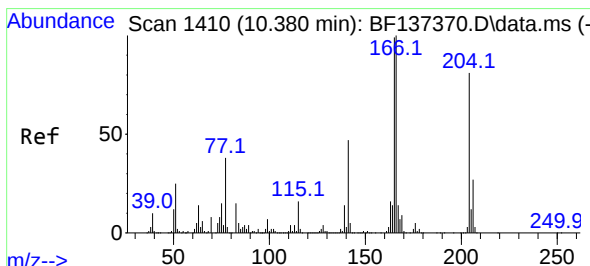
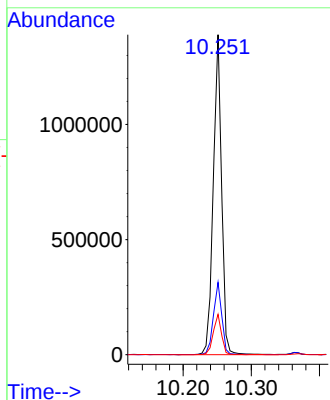
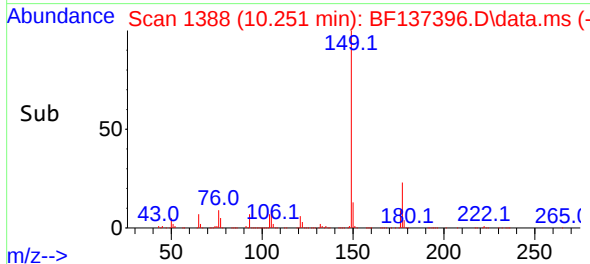
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:149 Resp: 1179929
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.6 10.2 15.2

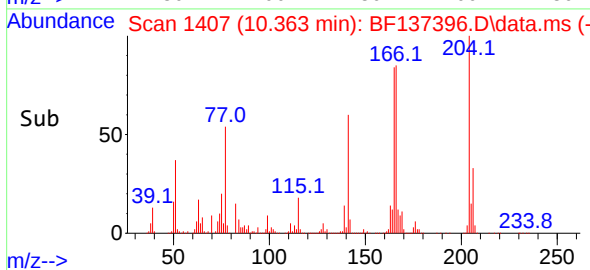
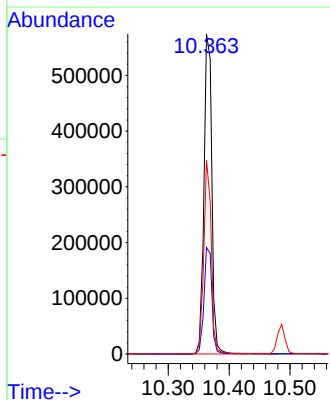
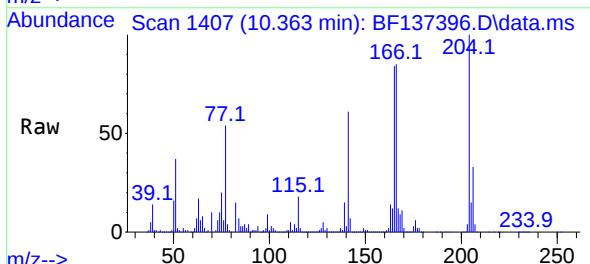
Manual Integrations
APPROVED

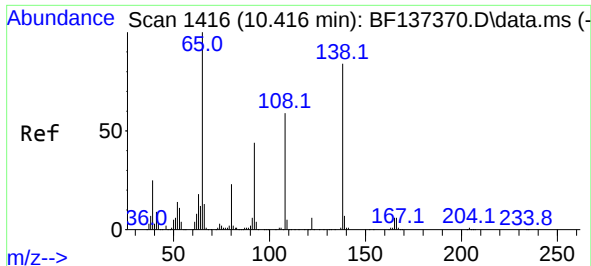
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#61
4-Chlorophenyl-phenylether
Concen: 43.325 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

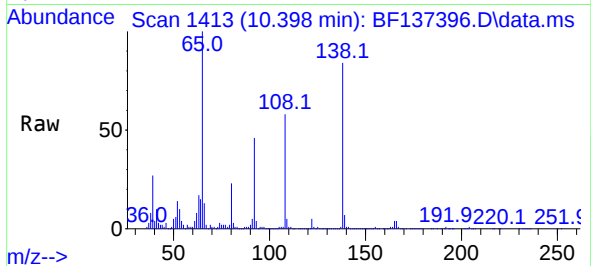
Tgt Ion:204 Resp: 514607
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 60.6 46.4 69.6





#62
4-Nitroaniline
Concen: 38.305 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

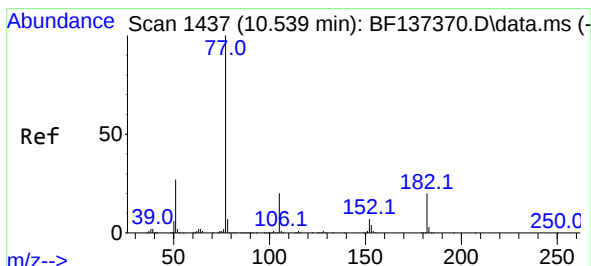
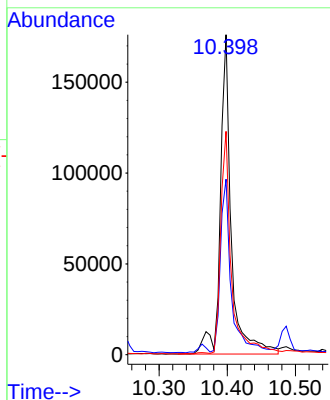
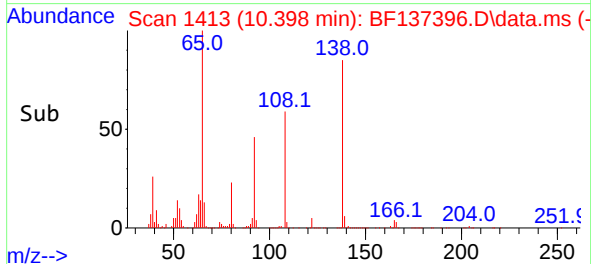
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:138 Resp: 196790
Ion Ratio Lower Upper
138 100
92 54.9 33.4 73.4
108 69.8 50.4 90.4

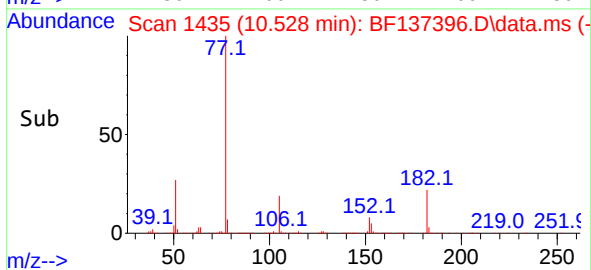
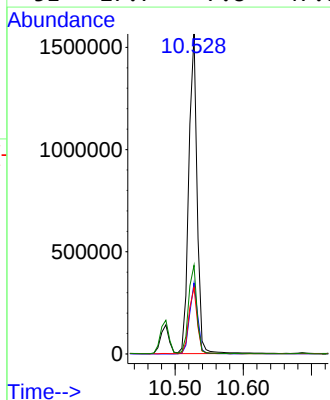
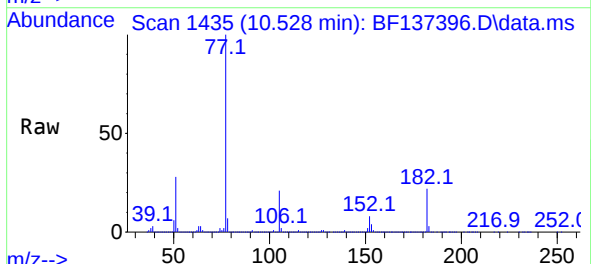
Manual Integrations
APPROVED

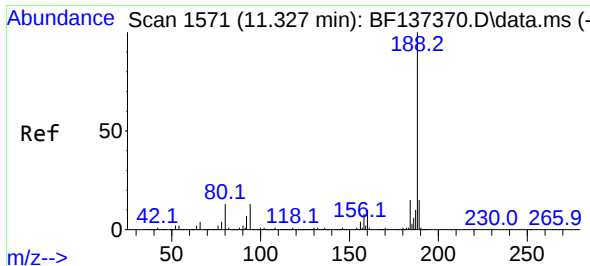
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#63
Azobenzene
Concen: 44.134 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

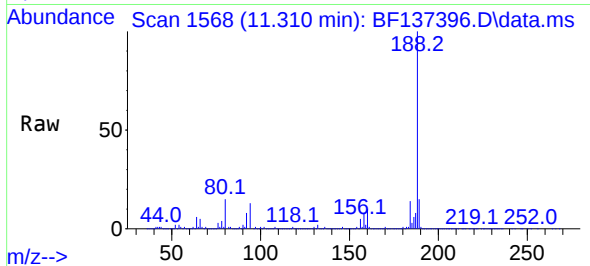
Tgt Ion: 77 Resp: 1306377
Ion Ratio Lower Upper
77 100
182 22.2 0.0 39.6
105 20.8 0.4 40.4
51 27.7 7.8 47.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

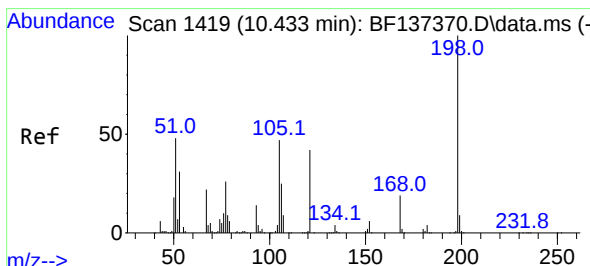
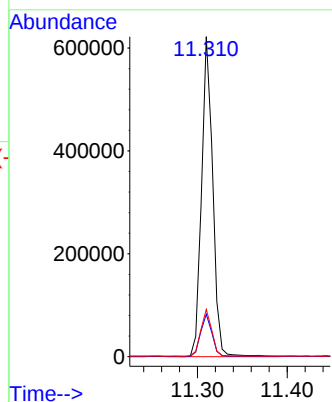
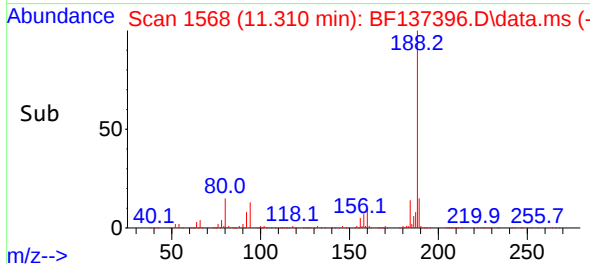
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:188 Resp: 53688
Ion Ratio Lower Upper
188 100
94 13.2 10.2 15.2
80 14.7 10.7 16.1

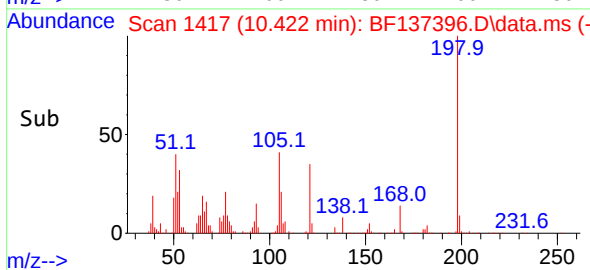
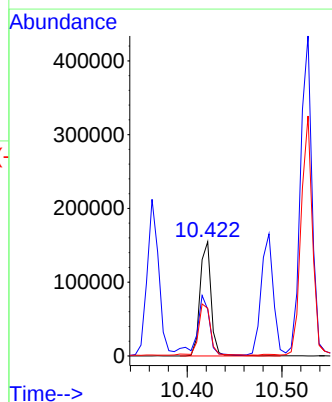
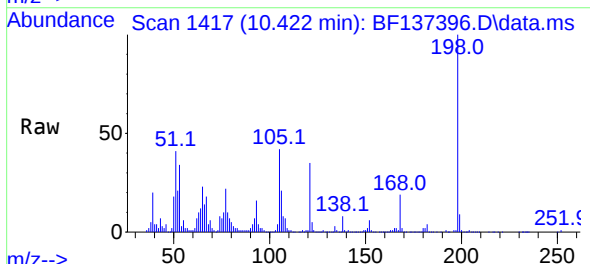
Manual Integrations
APPROVED

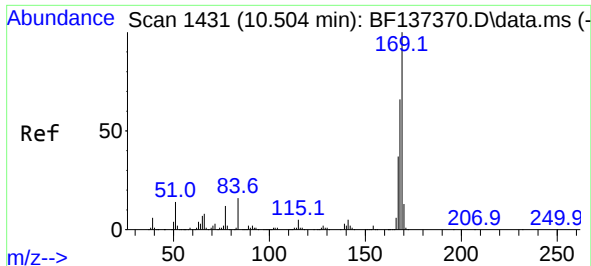
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 47.501 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

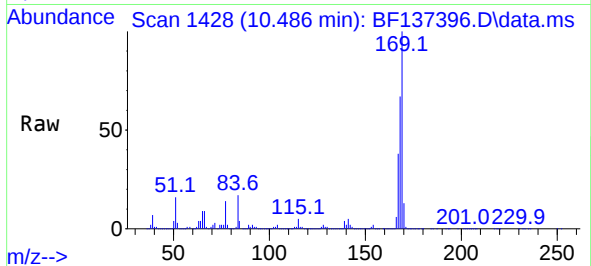
Tgt Ion:198 Resp: 124566
Ion Ratio Lower Upper
198 100
51 40.7 36.8 76.8
105 41.7 28.5 68.5





#66
n-Nitrosodiphenylamine
Concen: 52.581 ng
RT: 10.486 min Scan# 1431
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

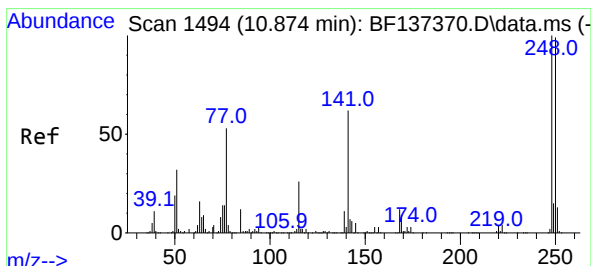
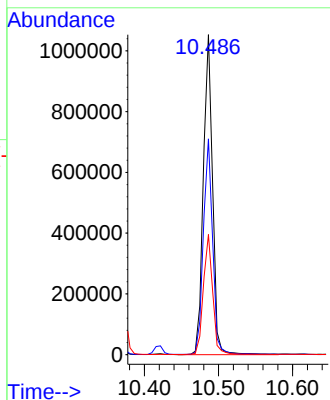
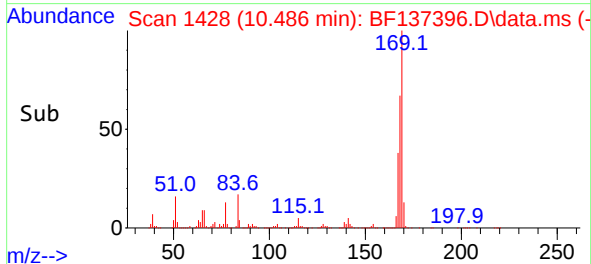
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



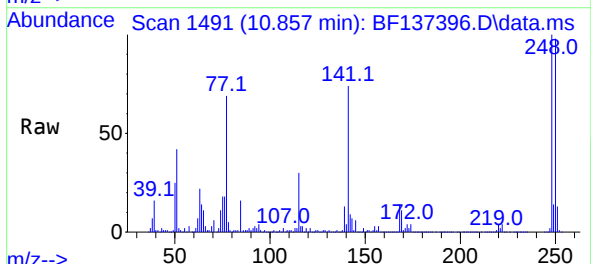
Tgt Ion:169 Resp: 91682
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 37.6 29.2 43.8

Manual Integrations
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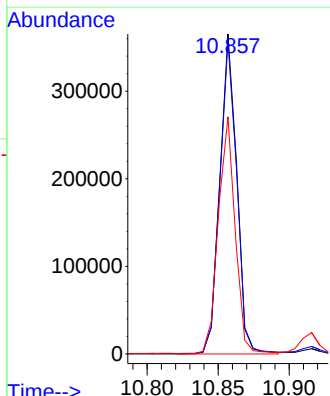
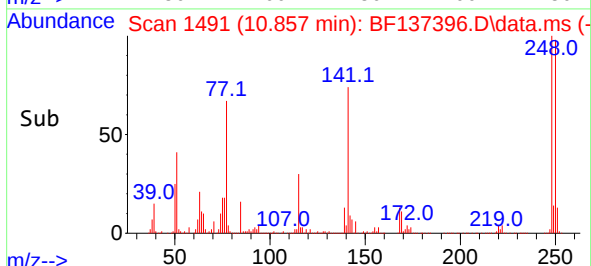
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

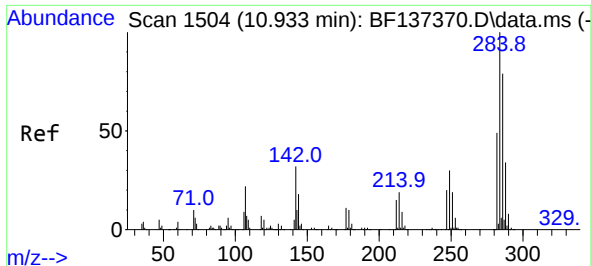


#67
4-Bromophenyl-phenylether
Concen: 52.240 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



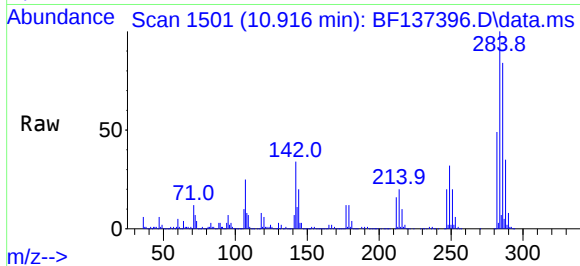
Tgt Ion:248 Resp: 301511
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 74.1 49.9 74.9





#68
Hexachlorobenzene
Concen: 51.807 ng
RT: 10.916 min Scan# 1519
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

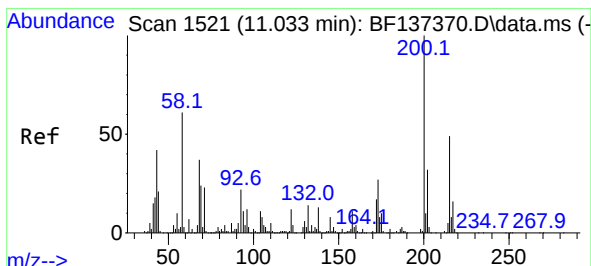
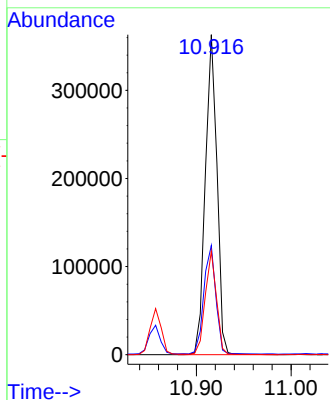
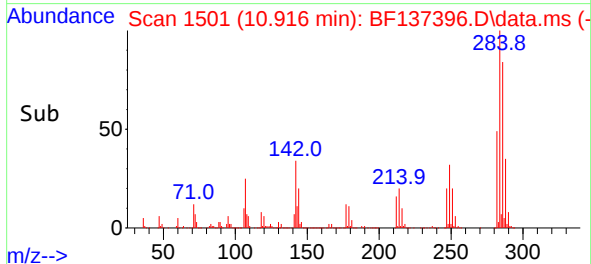
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



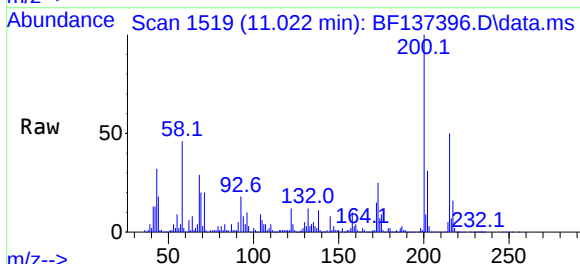
Tgt Ion:284 Resp: 309319
Ion Ratio Lower Upper
284 100
142 34.1 25.4 38.0
249 32.4 24.2 36.4

Manual Integrations
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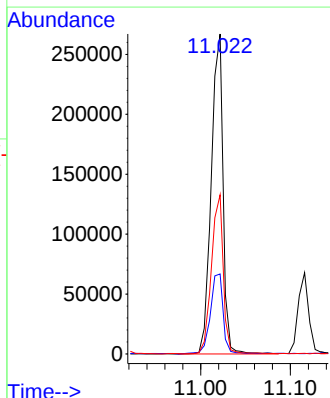
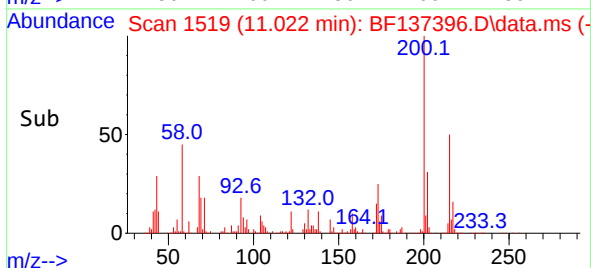
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

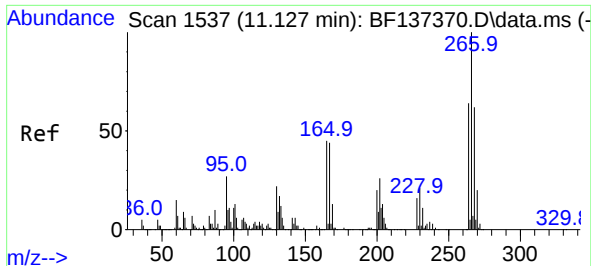


#69
Atrazine
Concen: 51.915 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



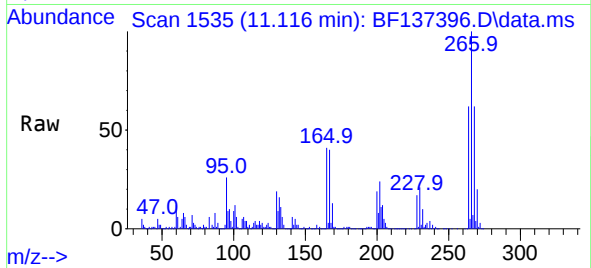
Tgt Ion:200 Resp: 244290
Ion Ratio Lower Upper
200 100
173 25.0 6.8 46.8
215 49.8 29.4 69.4





#70
Pentachlorophenol
Concen: 77.732 ng
RT: 11.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

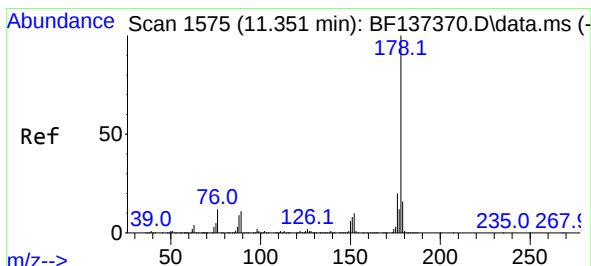
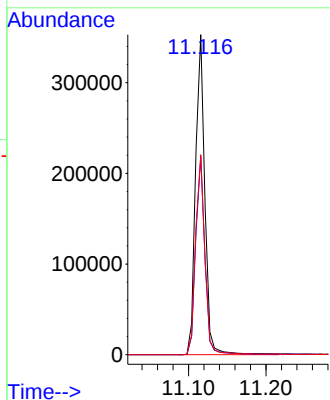
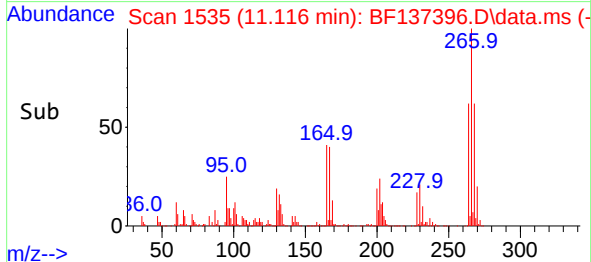
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:266 Resp: 29404
Ion Ratio Lower Upper
266 100
268 61.9 49.4 74.2
264 62.5 51.3 76.9

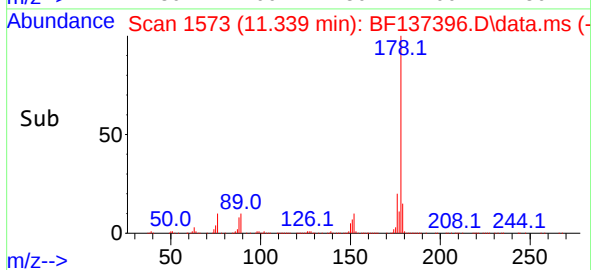
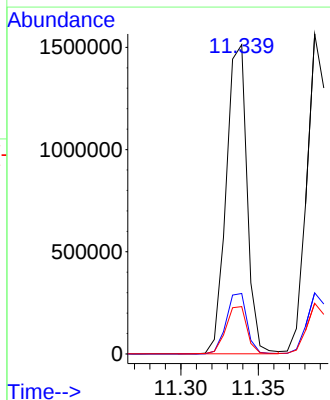
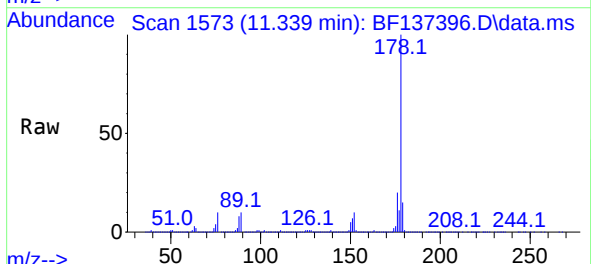
Manual Integrations
APPROVED

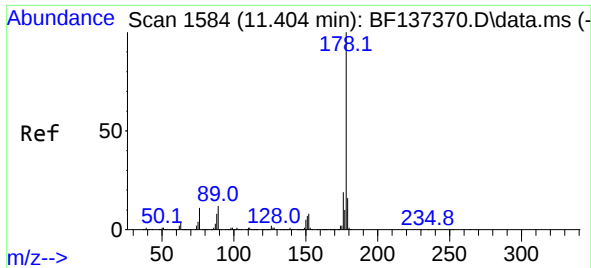
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#71
Phenanthrene
Concen: 47.831 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

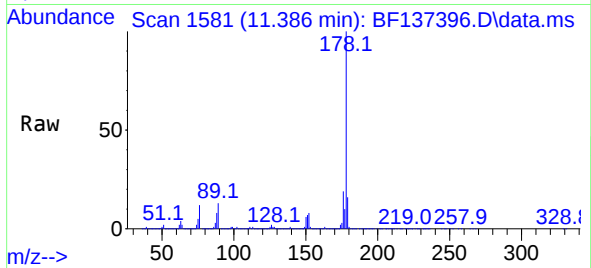
Tgt Ion:178 Resp: 1416789
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.3 12.7 19.1





#72
 Anthracene
 Concen: 47.624 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

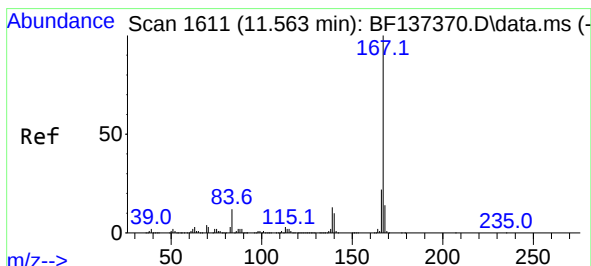
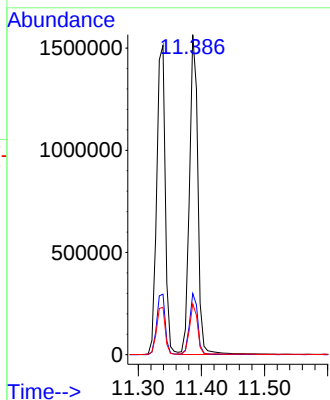
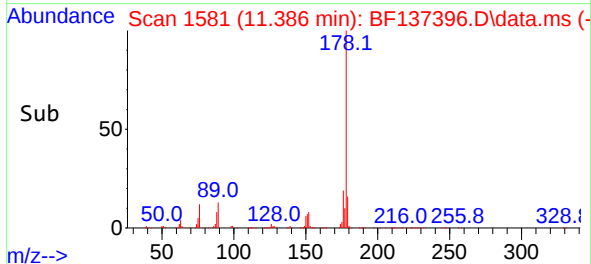
Instrument : BNA_F
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



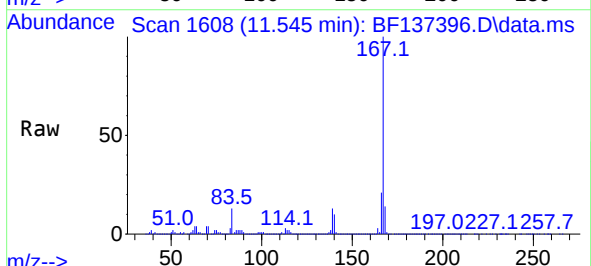
Tgt Ion:178 Resp: 1453740
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.9 12.6 18.8

Manual Integrations
 APPROVED

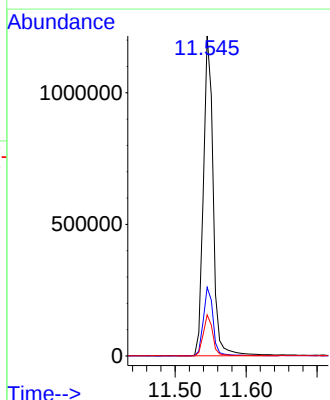
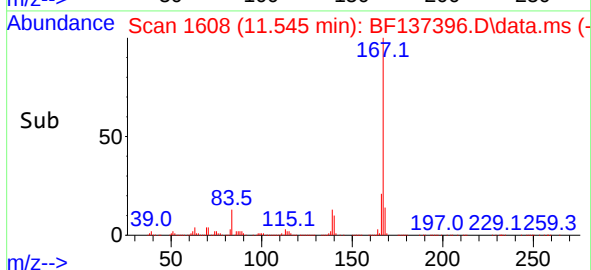
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

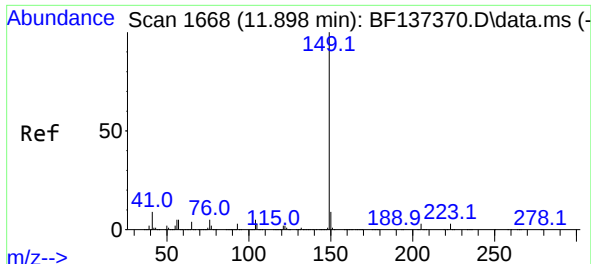


#73
 Carbazole
 Concen: 44.836 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.018 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31



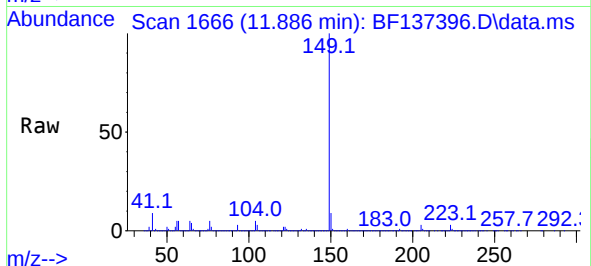
Tgt Ion:167 Resp: 1169359
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.6
 139 12.9 10.0 15.0





#74
Di-n-butylphthalate
Concen: 59.896 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

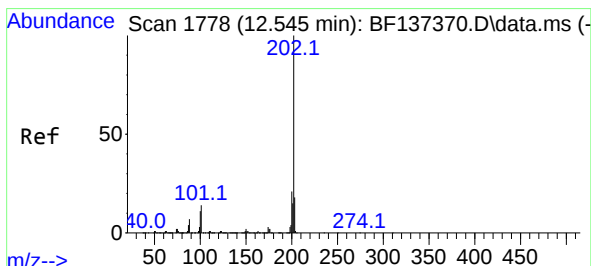
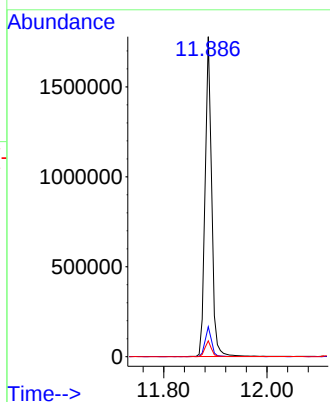
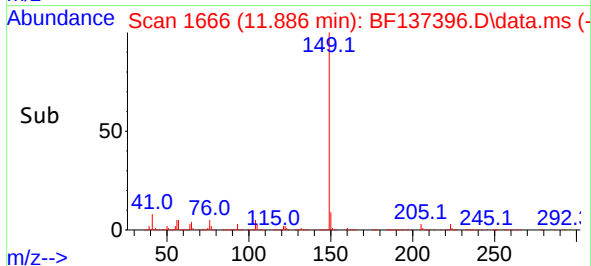
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:149 Resp: 156309
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.2 6.2

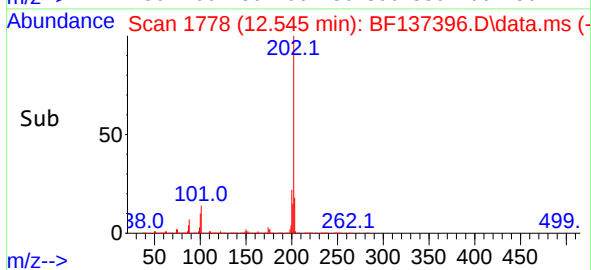
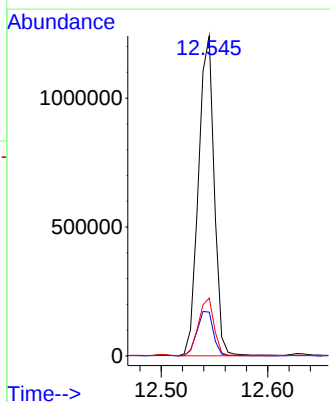
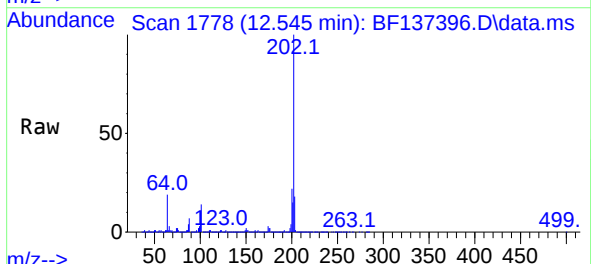
Manual Integrations
APPROVED

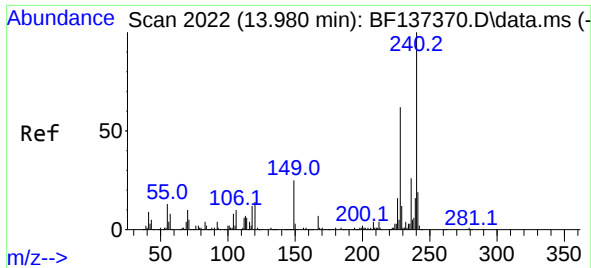
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#75
Fluoranthene
Concen: 44.242 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

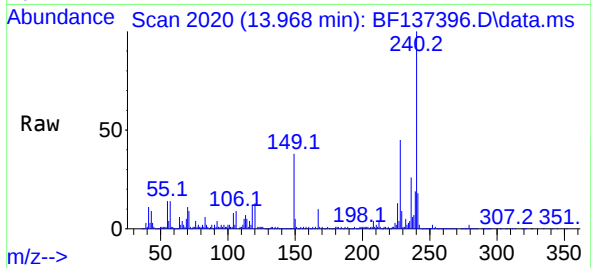
Tgt Ion:202 Resp: 1279193
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.9
203 18.1 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

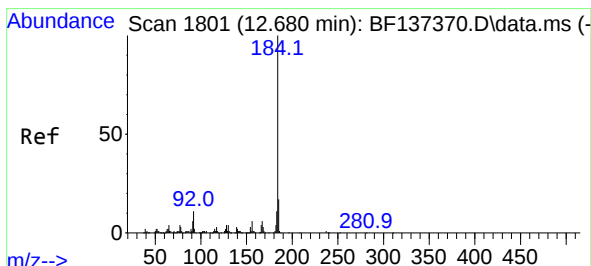
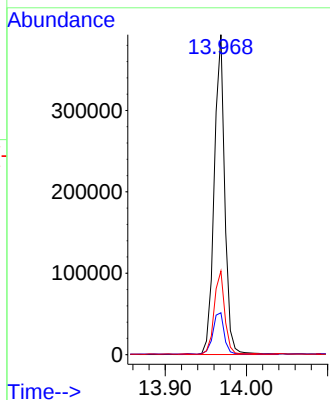
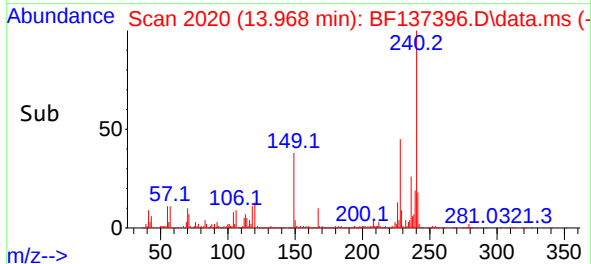
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:240 Resp: 353320
Ion Ratio Lower Upper
240 100
120 13.1 11.3 16.9
236 26.1 20.5 30.7

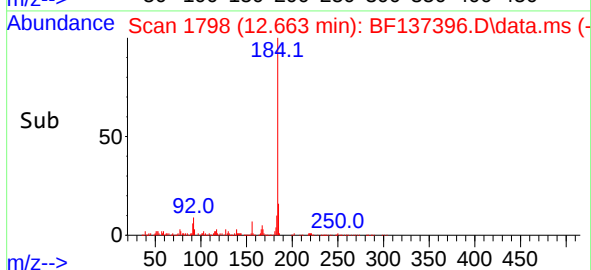
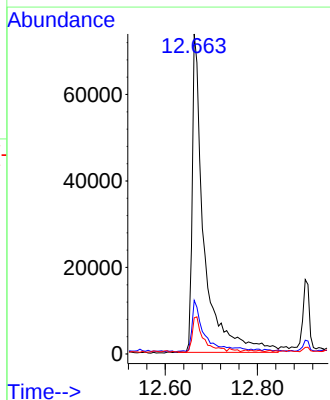
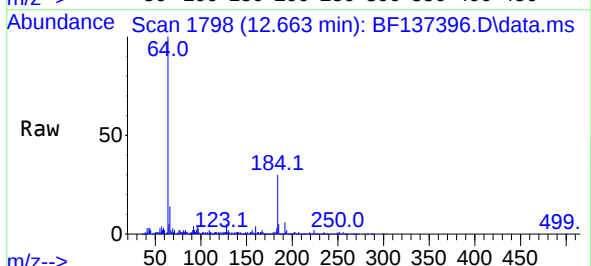
Manual Integrations
APPROVED

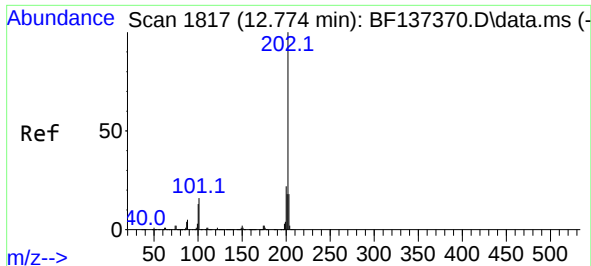
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#77
Benzidine
Concen: 25.610 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

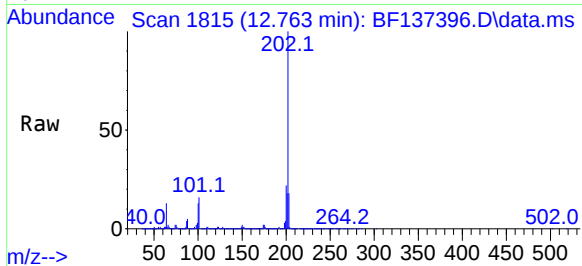
Tgt Ion:184 Resp: 131692
Ion Ratio Lower Upper
184 100
185 16.8 13.7 20.5
183 11.3 8.8 13.2





#78
Pyrene
Concen: 39.604 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

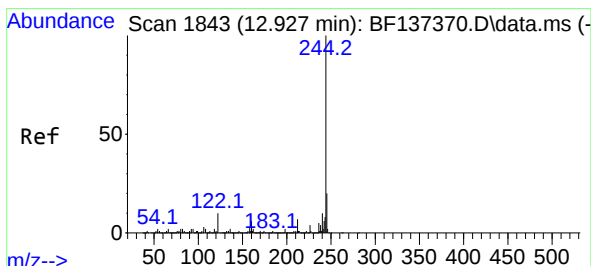
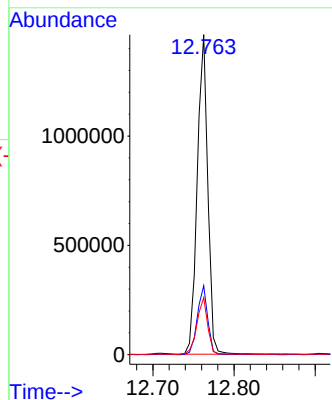
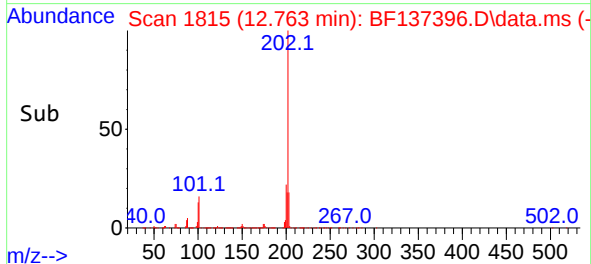
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:202 Resp: 1323140
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.2 21.2

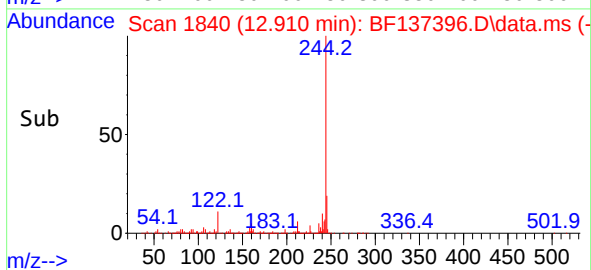
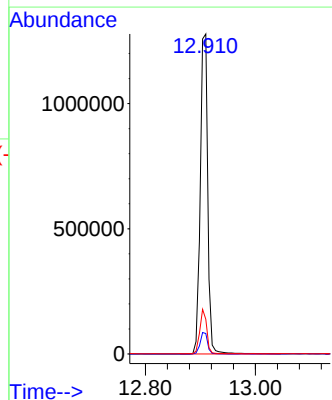
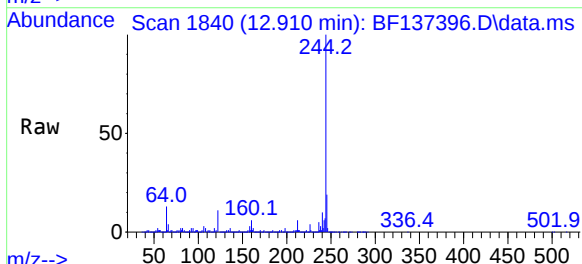
Manual Integrations
APPROVED

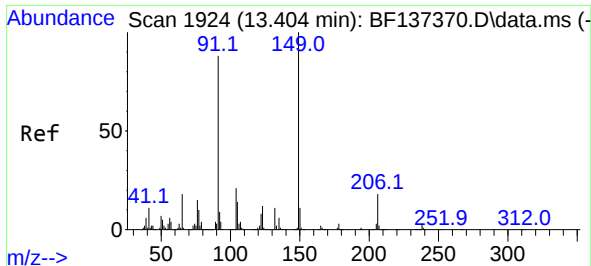
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#79
Terphenyl-d14
Concen: 48.045 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

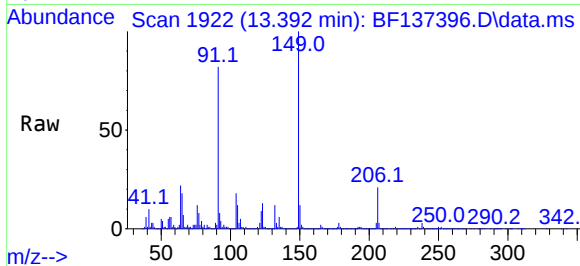
Tgt Ion:244 Resp: 1213656
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.9 8.2 12.4





#80
Butylbenzylphthalate
Concen: 58.475 ng
RT: 13.392 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

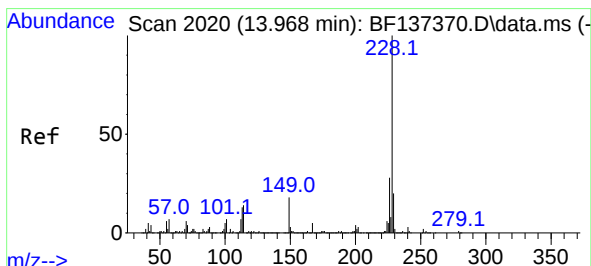
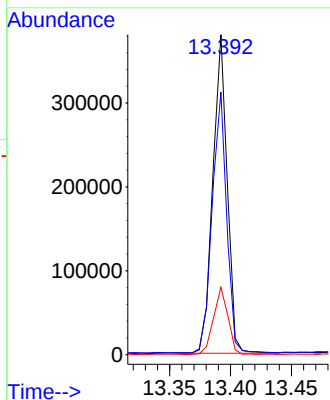
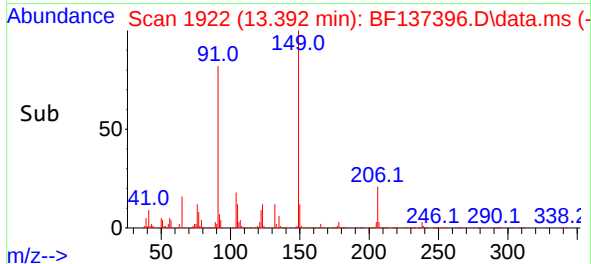
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:149 Resp: 310784
Ion Ratio Lower Upper
149 100
91 82.0 70.5 105.7
206 21.1 14.8 22.2

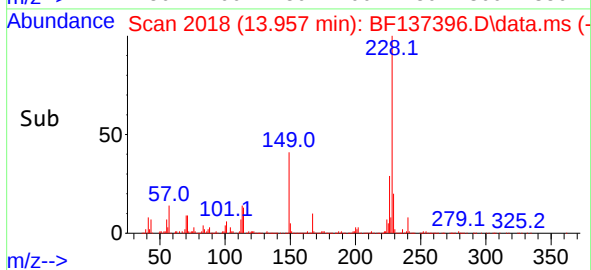
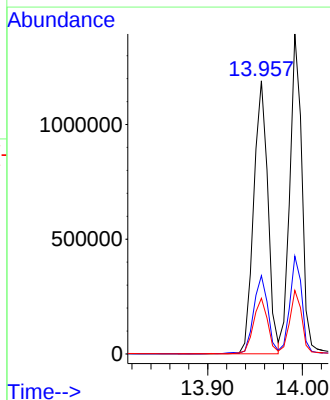
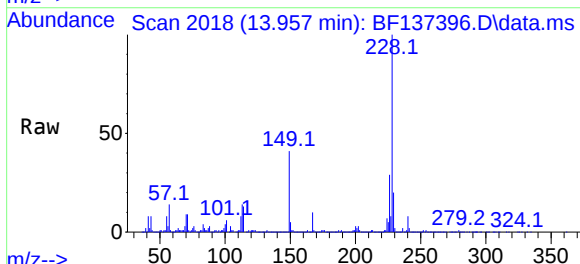
Manual Integrations
APPROVED

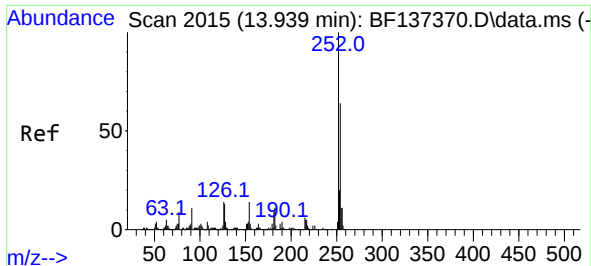
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#81
Benzo(a)anthracene
Concen: 50.607 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

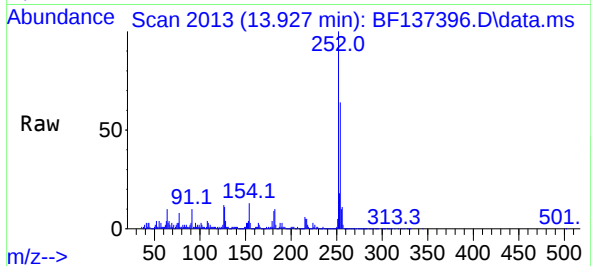
Tgt Ion:228 Resp: 1240744
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 20.4 15.7 23.5





#82
3,3'-Dichlorobenzidine
Concen: 54.546 ng
RT: 13.927 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

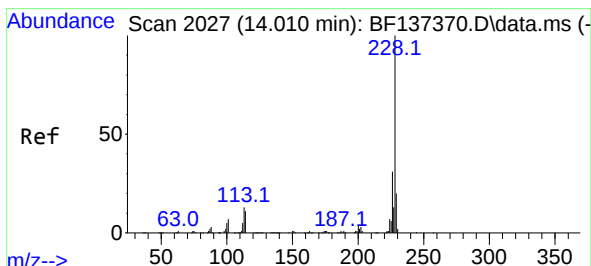
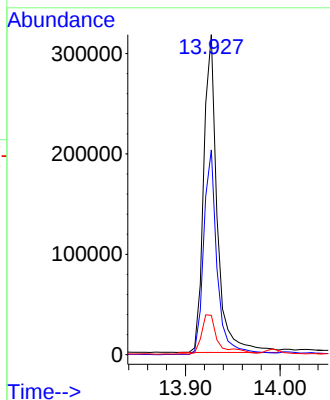
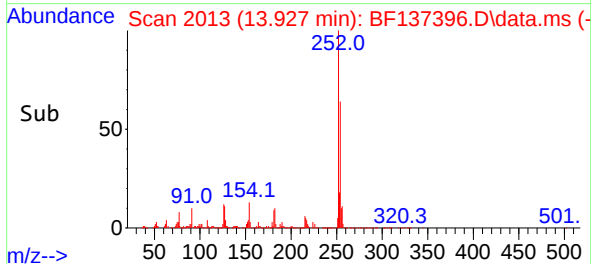
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:252 Resp: 316239
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 12.3 11.1 16.7

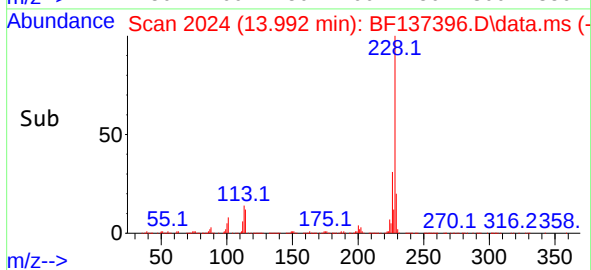
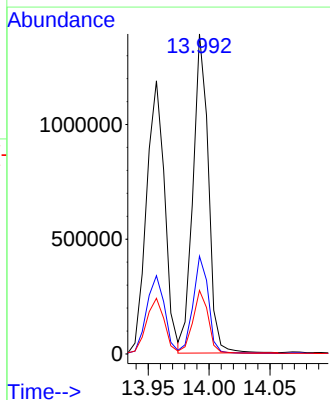
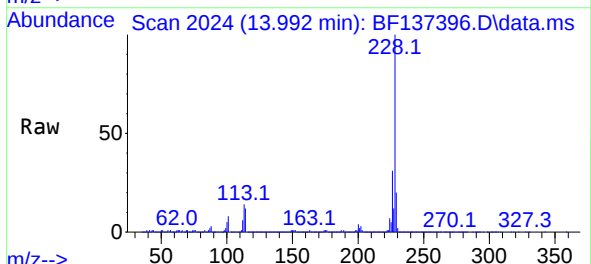
Manual Integrations
APPROVED

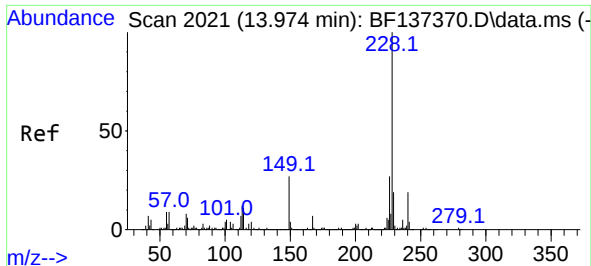
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#83
Chrysene
Concen: 48.988 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

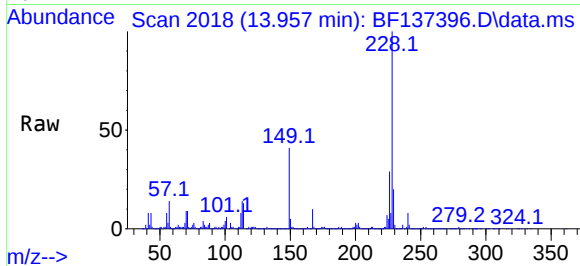
Tgt Ion:228 Resp: 1226937
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.8 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 69.479 ng
RT: 13.957 min Scan# 2021
Delta R.T. -0.017 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

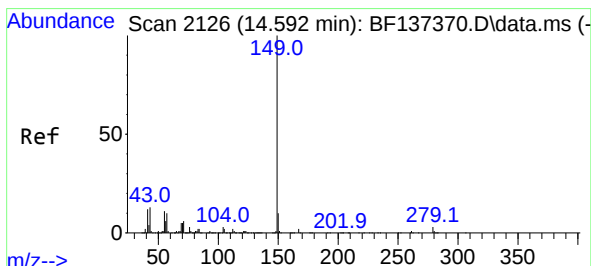
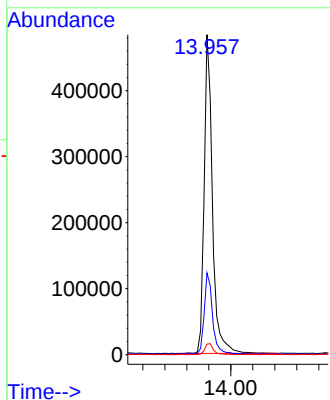
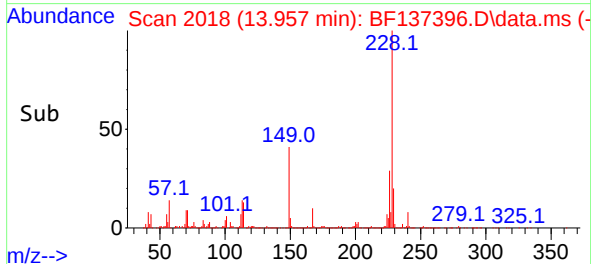
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



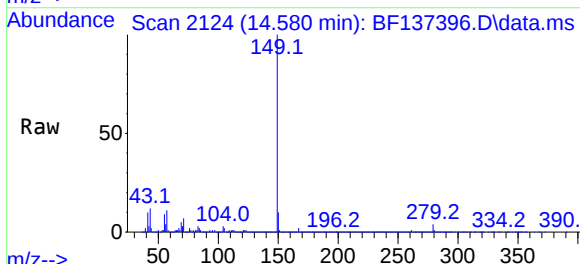
Tgt Ion:149 Resp: 503720
Ion Ratio Lower Upper
149 100
167 25.6 20.6 31.0
279 3.3 2.7 4.1

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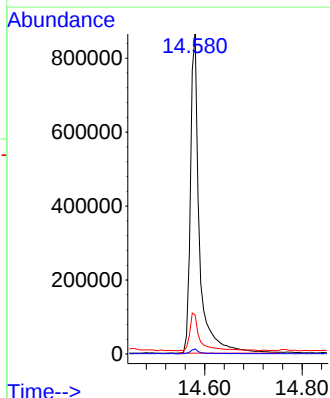
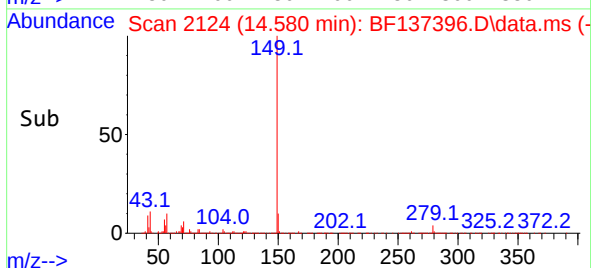
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

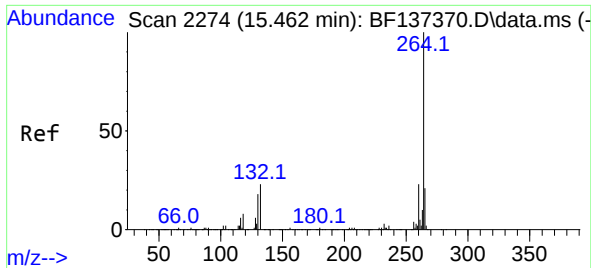


#85
Di-n-octyl phthalate
Concen: 76.121 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



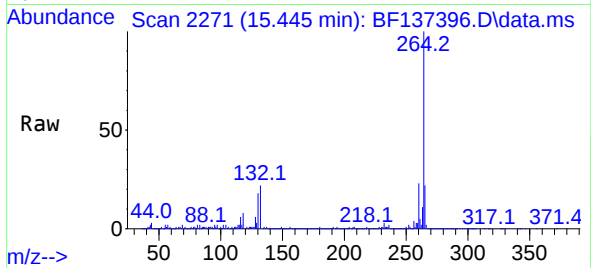
Tgt Ion:149 Resp: 1113864
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.9 13.7 20.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

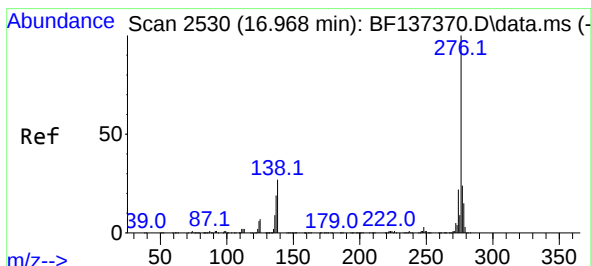
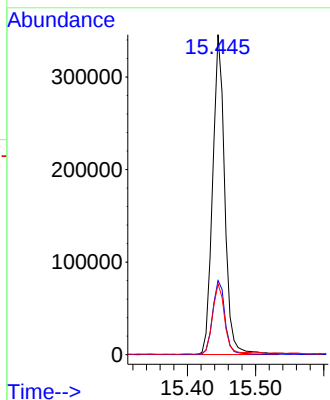
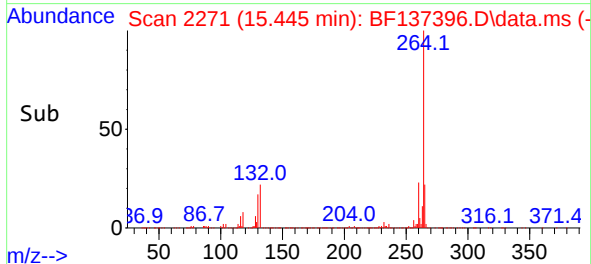
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:264 Resp: 426379
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 22.1 16.9 25.3

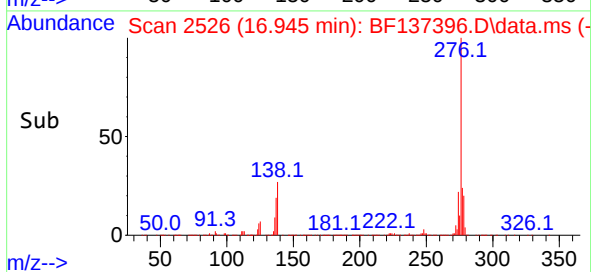
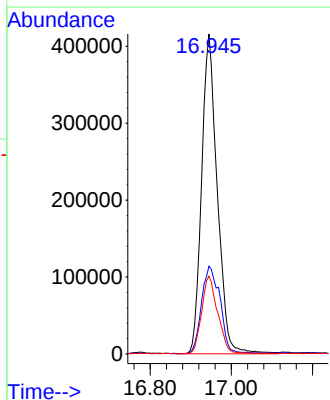
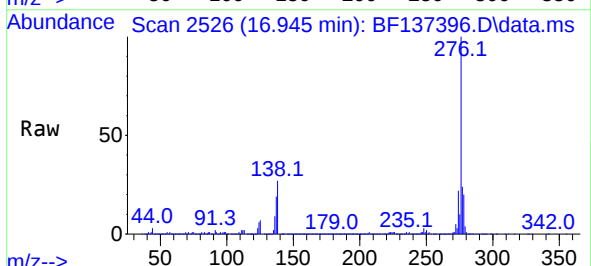
Manual Integrations
APPROVED

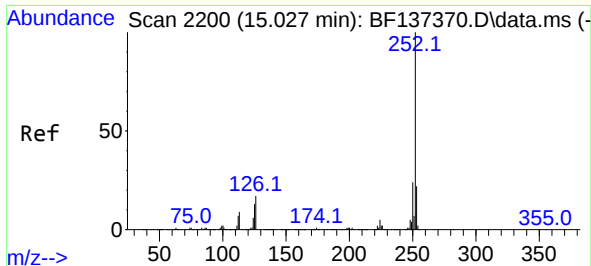
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 37.986 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.023 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

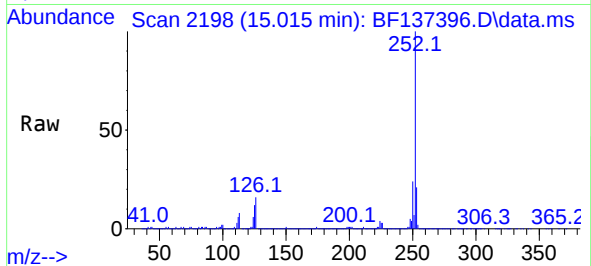
Tgt Ion:276 Resp: 1109482
Ion Ratio Lower Upper
276 100
138 32.3 25.8 38.8
277 25.0 19.6 29.4





#88
Benzo(b)fluoranthene
Concen: 51.048 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

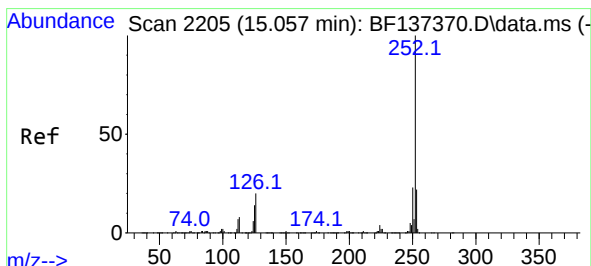
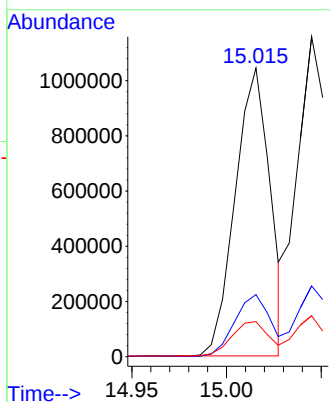
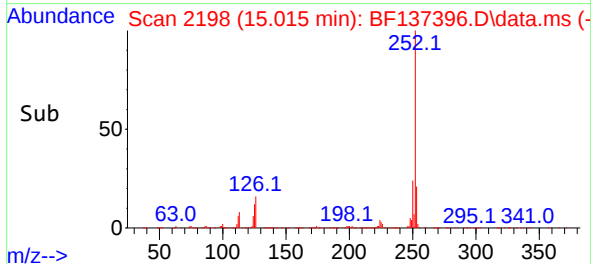
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



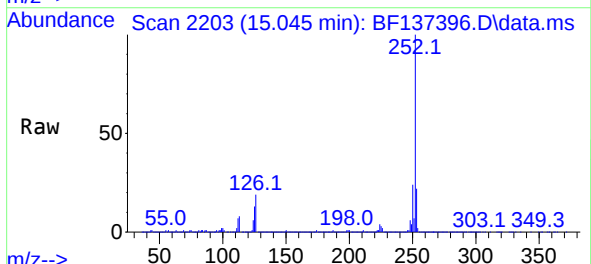
Tgt Ion:252 Resp: 133521
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 12.1 10.2 15.2

Manual Integrations
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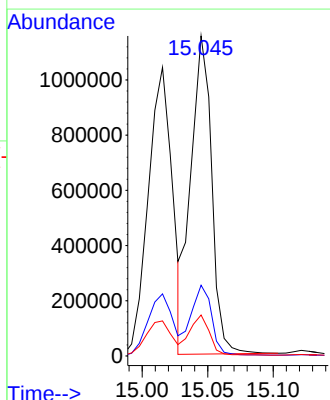
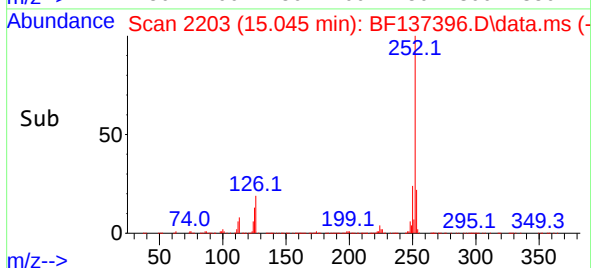
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

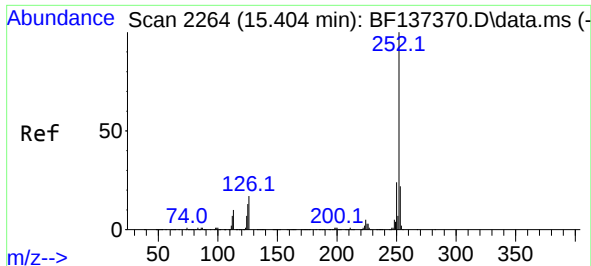


#89
Benzo(k)fluoranthene
Concen: 46.628 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31



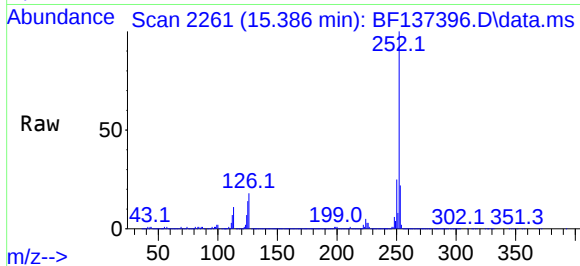
Tgt Ion:252 Resp: 1278261
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 12.8 10.7 16.1





#90
Benzo(a)pyrene
Concen: 49.476 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

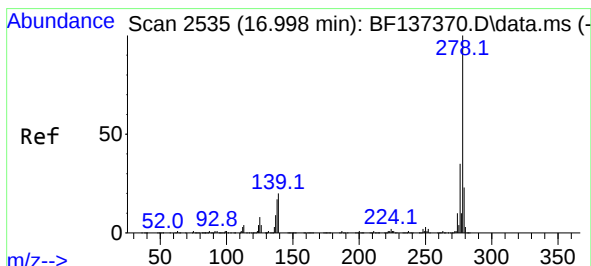
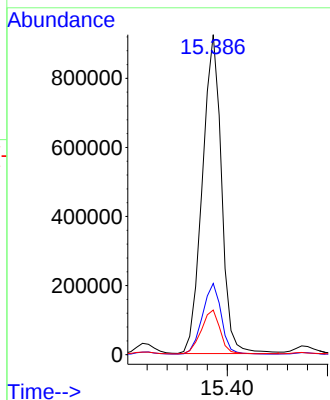
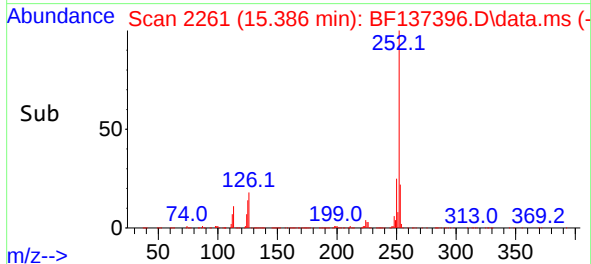
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:252 Resp: 1227500
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 13.9 10.6 16.0

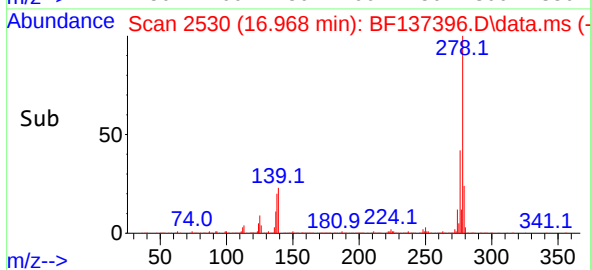
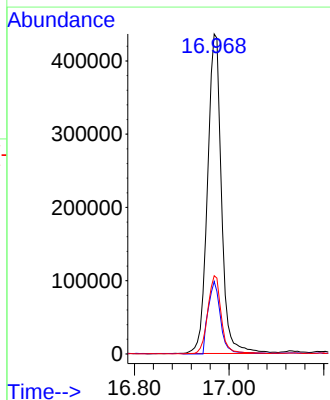
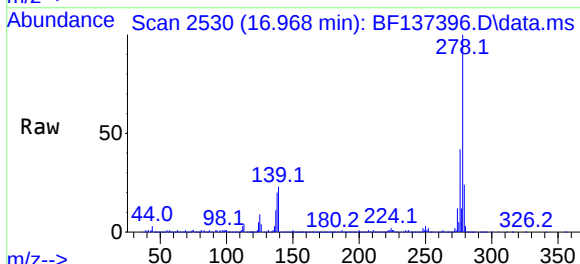
Manual Integrations
APPROVED

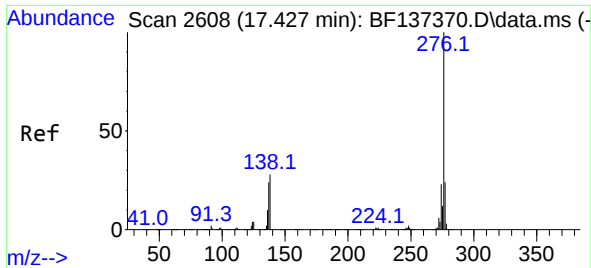
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#91
Dibenzo(a,h)anthracene
Concen: 37.406 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.030 min
Lab File: BF137396.D
Acq: 26 Feb 2024 20:31

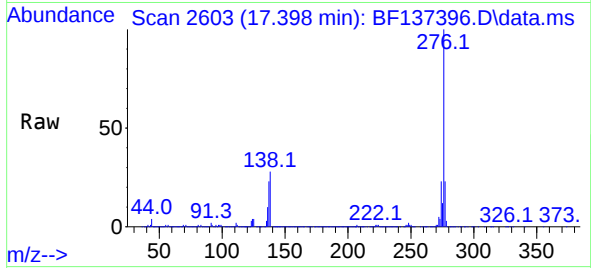
Tgt Ion:278 Resp: 896398
Ion Ratio Lower Upper
278 100
139 22.7 16.2 24.4
279 24.5 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 32.764 ng
 RT: 17.398 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF137396.D
 Acq: 26 Feb 2024 20:31

Instrument : BNA_F
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:276 Resp: 802209
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.4
 138 28.1 22.6 33.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

