

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137389.D
 Acq On : 26 Feb 2024 17:05
 Operator : CG\JU
 Sample : P1538-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MSD

Quant Time: Feb 26 17:52:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	202576	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	810539	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	420214	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	629560	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	335756	20.000	ng	-0.02
86) Perylene-d12	15.439	264	412095	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1488897	113.410	ng	0.00
7) Phenol-d6	6.422	99	2028182	105.021	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1176841	72.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	372408	101.772	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1653163	61.248	ng	-0.02
79) Terphenyl-d14	12.904	244	1188388	49.506	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	302849	42.110	ng	98
3) Pyridine	3.357	79	705115	38.799	ng	97
4) n-Nitrosodimethylamine	3.328	42	321807	46.678	ng	97
6) Aniline	6.451	93	413552	18.057	ng	96
8) 2-Chlorophenol	6.569	128	657980	46.728	ng	99
9) Benzaldehyde	6.339	77	92859	9.987	ng	98
10) Phenol	6.439	94	924367	43.734	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	688468	44.827	ng	96
12) 1,3-Dichlorobenzene	6.722	146	710779	47.005	ng	99
13) 1,4-Dichlorobenzene	6.798	146	705139	45.292	ng	98
14) 1,2-Dichlorobenzene	6.951	146	685970	47.635	ng	97
15) Benzyl Alcohol	6.928	79	585499	50.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1191053	46.657	ng	99
17) 2-Methylphenol	7.039	107	553308	41.530	ng	97
18) Hexachloroethane	7.292	117	247326	46.102	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	522993	43.947	ng	100
20) 3+4-Methylphenols	7.192	107	647011	42.608	ng	96
22) Acetophenone	7.192	105	896925	45.634	ng	98
24) Nitrobenzene	7.363	77	762398	46.215	ng	97
25) Isophorone	7.604	82	1465617	43.653	ng	99
26) 2-Nitrophenol	7.681	139	310468	49.176	ng	98
27) 2,4-Dimethylphenol	7.722	122	471197	38.161	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	881901	45.572	ng	99
29) 2,4-Dichlorophenol	7.922	162	539088	46.582	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	571719	46.025	ng	100
31) Naphthalene	8.086	128	1949786	44.825	ng	99
32) Benzoic acid	7.851	122	352537	46.853	ng	97
33) 4-Chloroaniline	8.139	127	69953	4.228	ng	96
34) Hexachlorobutadiene	8.198	225	340307	46.116	ng	99
35) Caprolactam	8.504	113	159348m	44.524	ng	
36) 4-Chloro-3-methylphenol	8.622	107	565152	43.075	ng	99
37) 2-Methylnaphthalene	8.775	142	1142586	40.765	ng	98
38) 1-Methylnaphthalene	8.875	142	1107965	41.810	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	552837	47.766	ng	98
41) Hexachlorocyclopentadiene	8.928	237	447948	85.364	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	358634	47.790	ng	99

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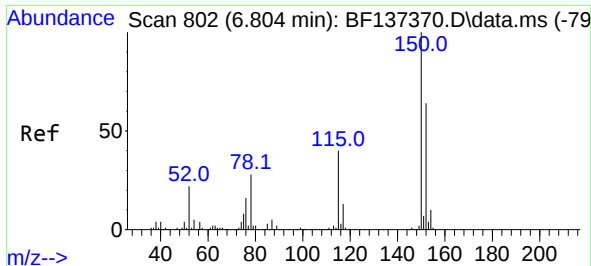
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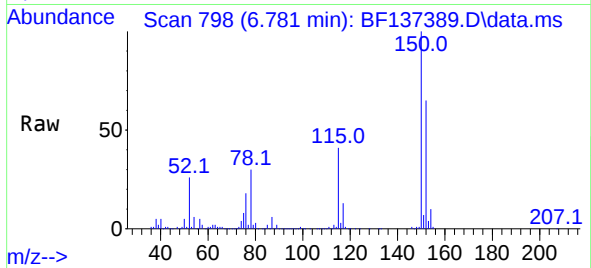
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	383139	44.503	ng	99
46) 1,1'-Biphenyl	9.239	154	1424000	46.527	ng	99
47) 2-Chloronaphthalene	9.263	162	1104057	47.767	ng	99
48) 2-Nitroaniline	9.363	65	313091	44.901	ng	96
49) Acenaphthylene	9.680	152	1741911	46.386	ng	99
50) Dimethylphthalate	9.545	163	1269657	43.726	ng	99
51) 2,6-Dinitrotoluene	9.610	165	253627	46.952	ng	94
52) Acenaphthene	9.851	154	974430	43.470	ng	99
53) 3-Nitroaniline	9.780	138	92275	16.575	ng	98
54) 2,4-Dinitrophenol	9.880	184	213439	79.943	ng	93
55) Dibenzofuran	10.027	168	1486192	42.897	ng	100
56) 4-Nitrophenol	9.945	139	344494	75.575	ng	98
57) 2,4-Dinitrotoluene	10.010	165	312197	45.763	ng	98
58) Fluorene	10.369	166	1096522	41.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	301423m	42.279	ng	
60) Diethylphthalate	10.251	149	1177776	43.445	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	539002	41.413	ng	99
62) 4-Nitroaniline	10.398	138	202295m	36.043	ng	
63) Azobenzene	10.527	77	1357140	41.842	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	144523	47.046	ng	94
66) n-Nitrosodiphenylamine	10.486	169	963068	47.102	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	325588	48.107	ng	96
68) Hexachlorobenzene	10.916	284	342905	48.977	ng	97
69) Atrazine	11.016	200	291140	52.763	ng	98
70) Pentachlorophenol	11.116	266	376126	84.792	ng	99
71) Phenanthrene	11.333	178	1533306	44.145	ng	99
72) Anthracene	11.386	178	1554411	43.425	ng	99
73) Carbazole	11.545	167	1276195	41.729	ng	99
74) Di-n-butylphthalate	11.886	149	1690741	55.250	ng	99
75) Fluoranthene	12.527	202	1326189	39.115	ng	99
77) Benzidine	12.663	184	164777	31.524	ng	99
78) Pyrene	12.757	202	1328430	41.843	ng	100
80) Butylbenzylphthalate	13.392	149	323917	62.348	ng	92
81) Benzo(a)anthracene	13.951	228	1104254	47.396	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	174873	33.845	ng	99
83) Chrysene	13.992	228	1092824	45.916	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	513070	73.053	ng	99
85) Di-n-octyl phthalate	14.574	149	990695	73.146	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.939	276	1067393	37.820	ng	99
88) Benzo(b)fluoranthene	15.009	252	1183134	46.801	ng	99
89) Benzo(k)fluoranthene	15.039	252	1083009	40.874	ng	99
90) Benzo(a)pyrene	15.380	252	1060101	44.210	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	872594	37.663	ng	98
92) Benzo(g,h,i)perylene	17.392	276	798886	33.696	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: BF137389.D
Acq: 26 Feb 2024 17:05

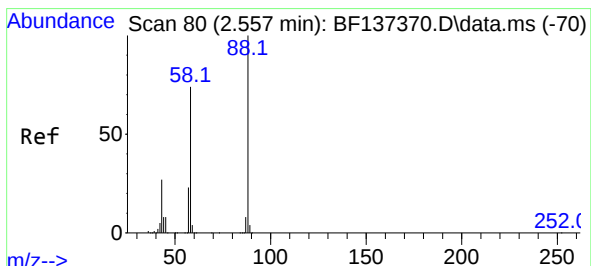
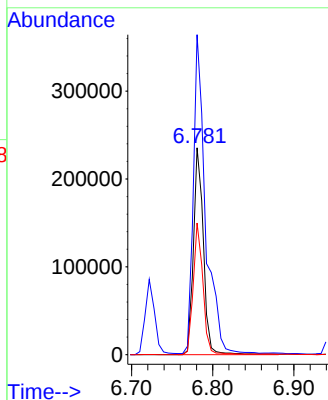
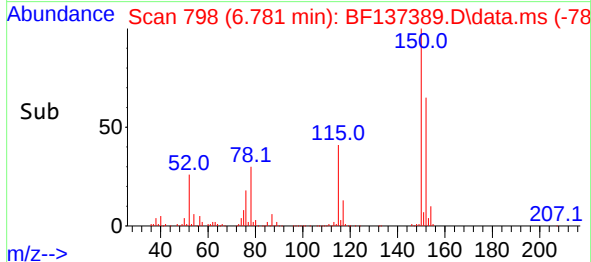
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:152 Resp: 202570
Ion Ratio Lower Upper
152 100
150 154.6 125.7 188.5
115 63.7 49.8 74.8

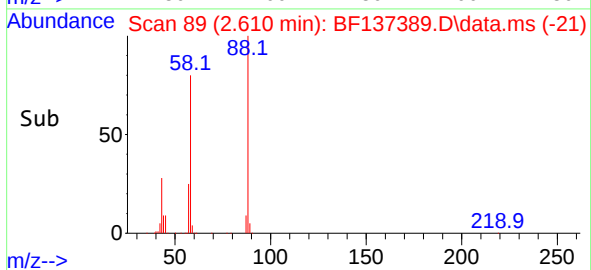
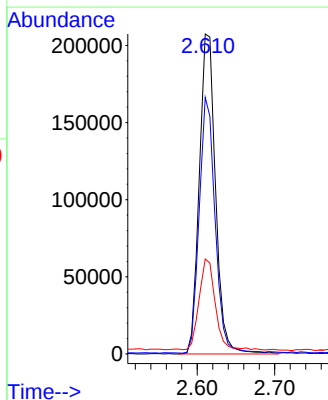
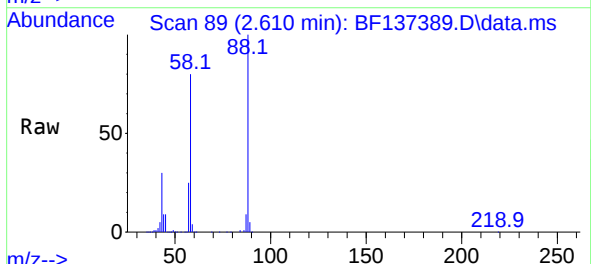
Manual Integrations
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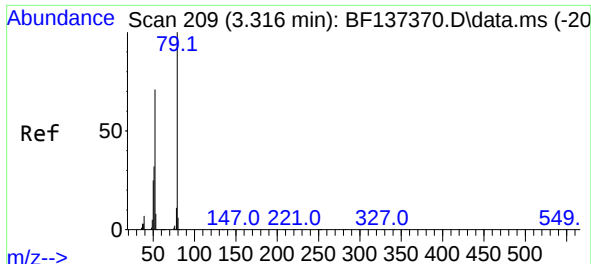
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#2
1,4-Dioxane
Concen: 42.110 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.053 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

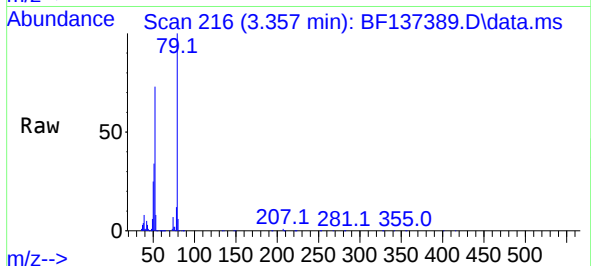
Tgt Ion: 88 Resp: 302849
Ion Ratio Lower Upper
88 100
58 77.7 60.6 91.0
43 28.2 22.0 33.0





#3
Pyridine
Concen: 38.799 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.041 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

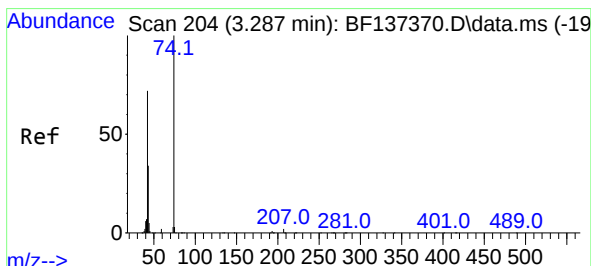
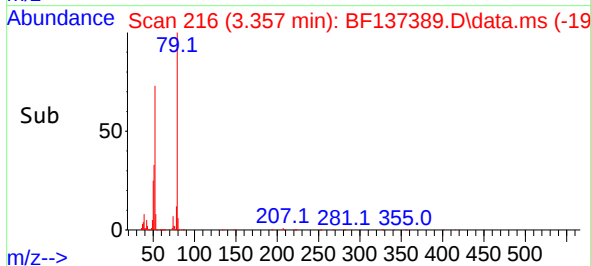
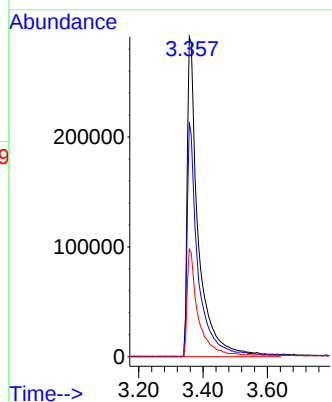
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 79 Resp: 70511
Ion Ratio Lower Upper
79 100
52 73.3 56.5 84.7
51 33.6 26.2 39.2

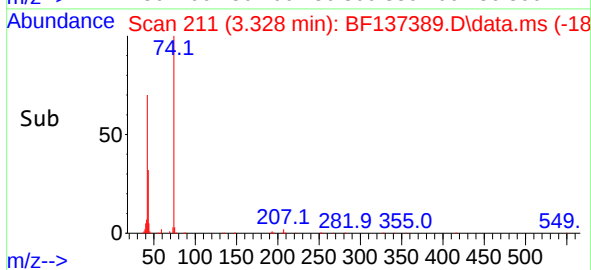
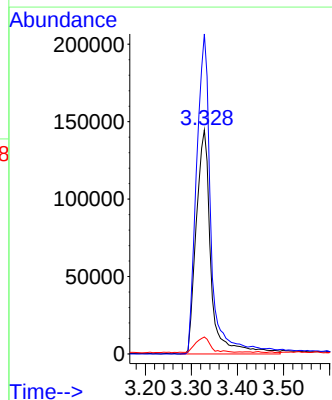
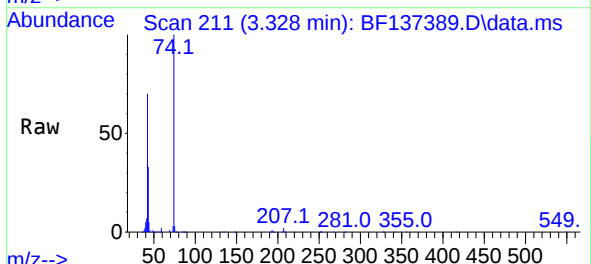
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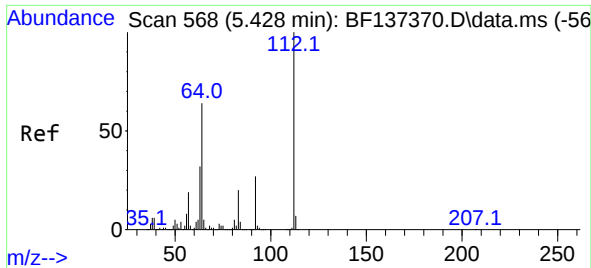
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#4
n-Nitrosodimethylamine
Concen: 46.678 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.041 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

Tgt Ion: 42 Resp: 321807
Ion Ratio Lower Upper
42 100
74 142.9 110.8 166.2
44 7.6 6.0 9.0





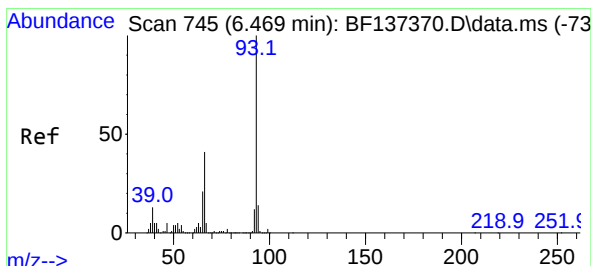
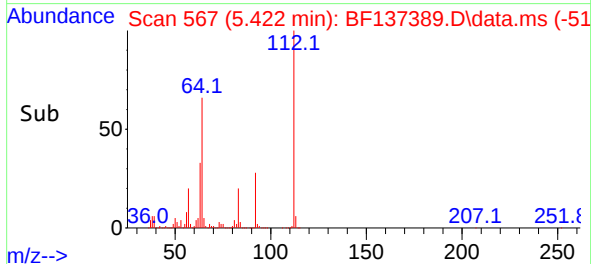
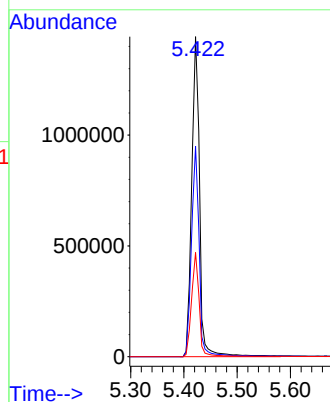
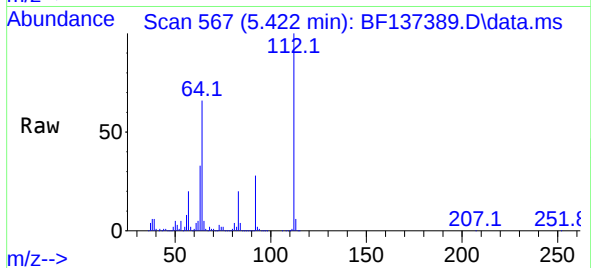
#5
2-Fluorophenol
Concen: 113.410 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

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Tgt Ion:112 Resp: 148889
Ion Ratio Lower Upper
112 100
64 65.7 51.0 76.6
63 32.6 25.7 38.5

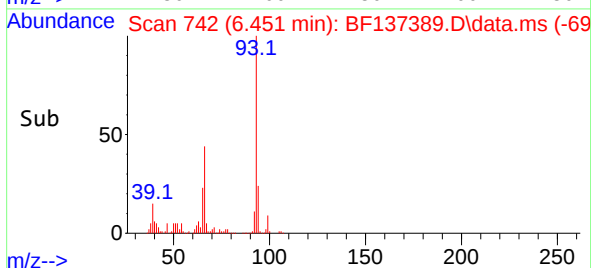
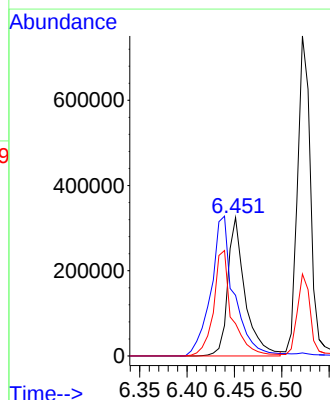
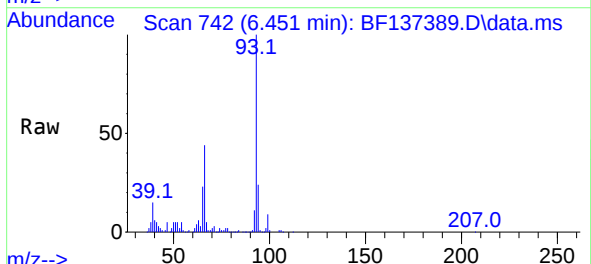
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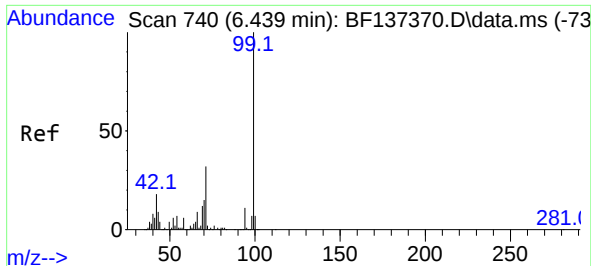
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#6
Aniline
Concen: 18.057 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

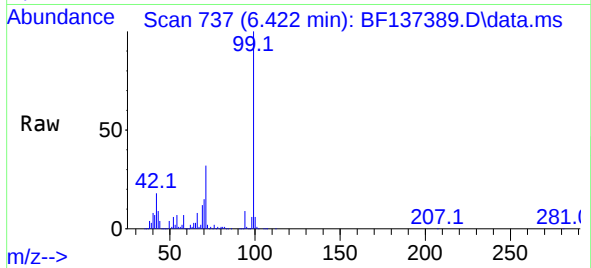
Tgt Ion: 93 Resp: 413552
Ion Ratio Lower Upper
93 100
66 43.8 33.0 49.4
65 23.4 17.0 25.6





#7
Phenol-d6
Concen: 105.021 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

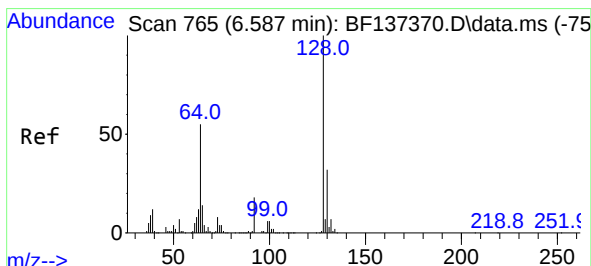
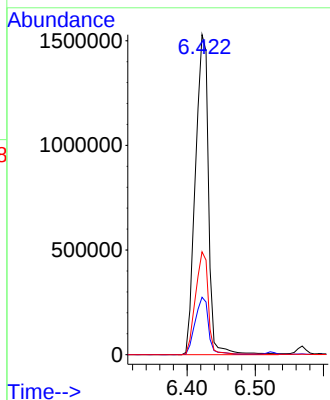
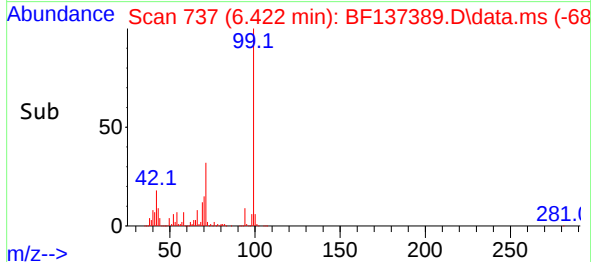
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Tgt Ion: 99 Resp: 202818
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 32.1 25.2 37.8

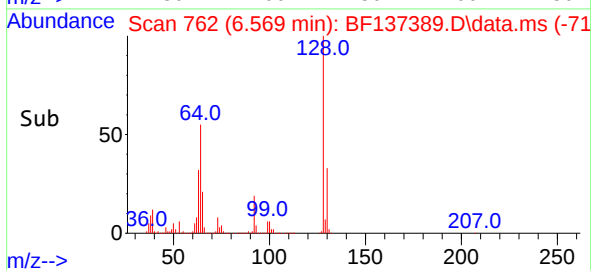
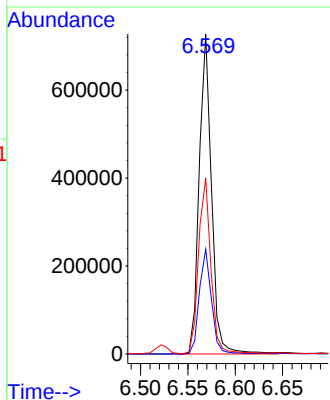
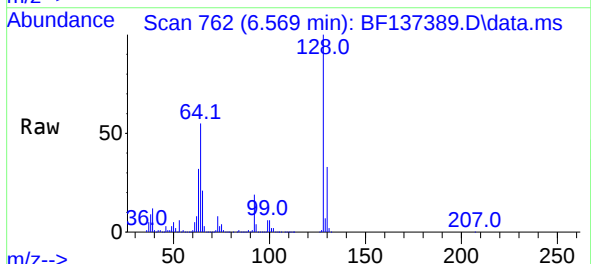
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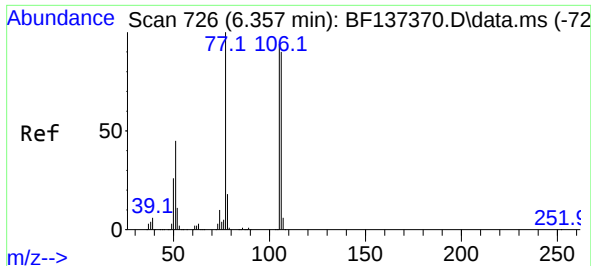
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#8
2-Chlorophenol
Concen: 46.728 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

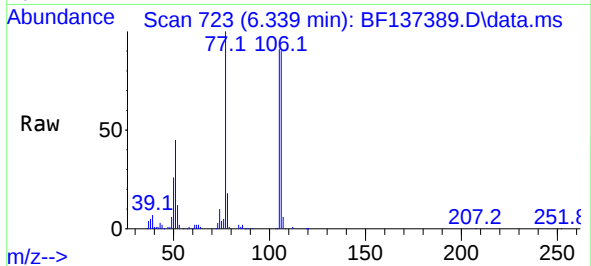
Tgt Ion:128 Resp: 657980
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 55.0 35.3 75.3





#9
Benzaldehyde
Concen: 9.987 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

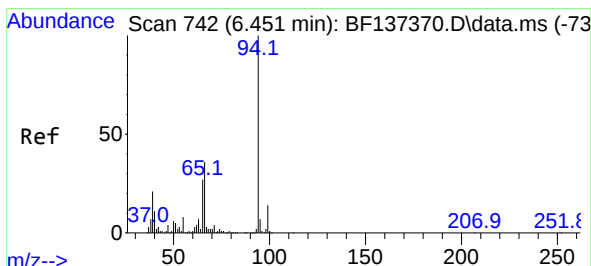
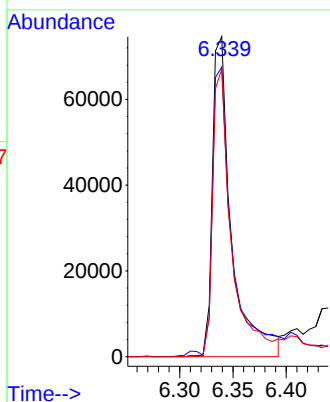
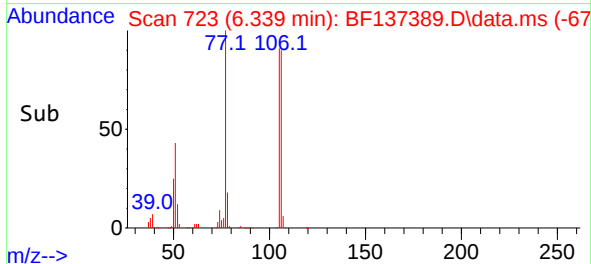
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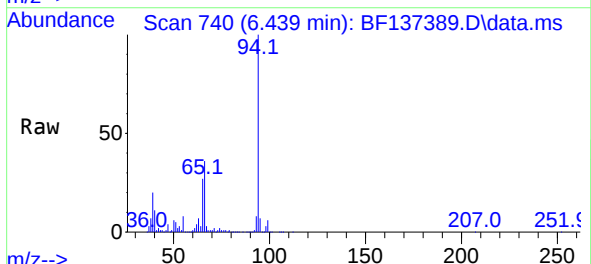
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Ion Ratio Lower Upper
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106 89.9 70.2 110.2

Manual Integrations
APPROVED

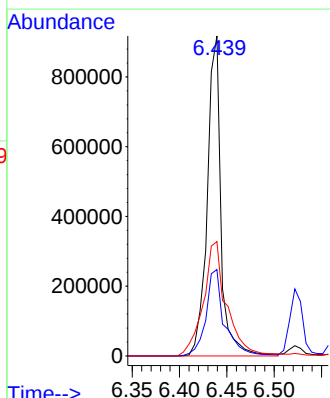
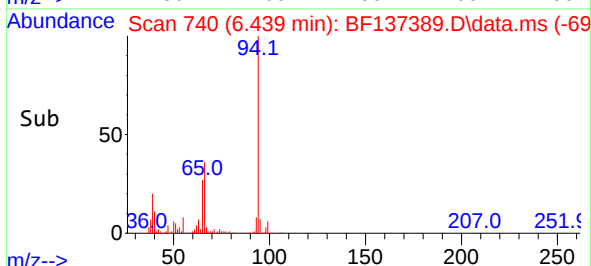
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

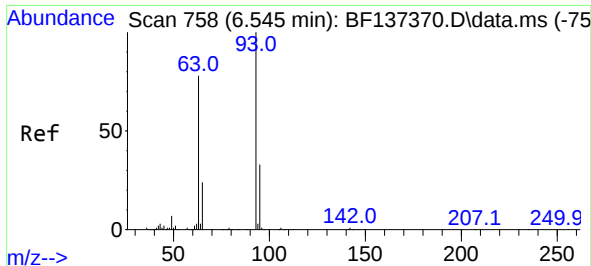


#10
Phenol
Concen: 43.734 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



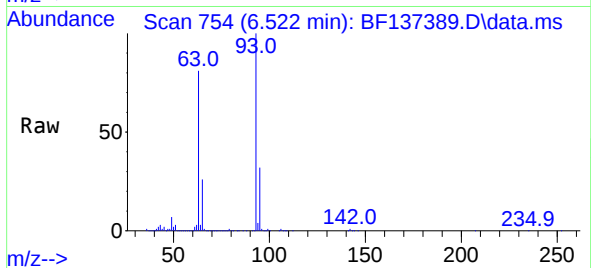
Tgt Ion: 94 Resp: 924367
Ion Ratio Lower Upper
94 100
65 27.0 7.4 47.4
66 35.8 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 44.827 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

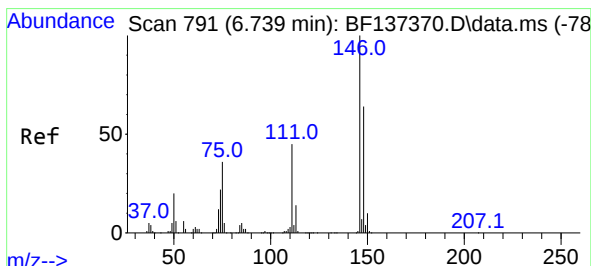
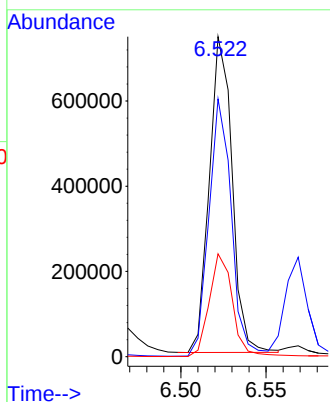
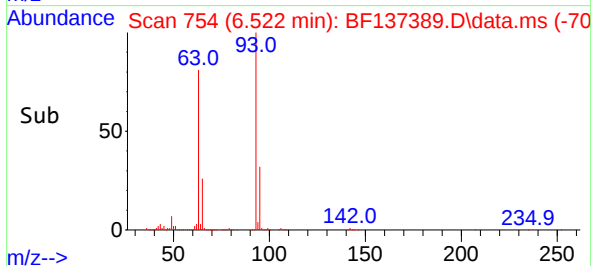
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



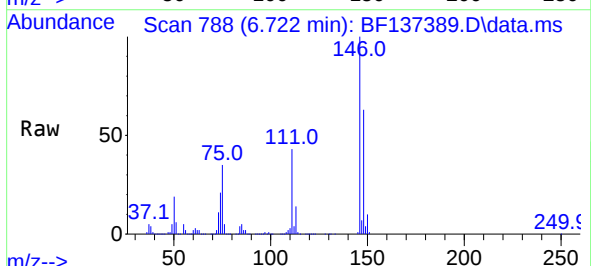
Tgt Ion: 93 Resp: 688468
Ion Ratio Lower Upper
93 100
63 80.5 56.1 96.1
95 32.2 12.7 52.7

Manual Integrations
APPROVED

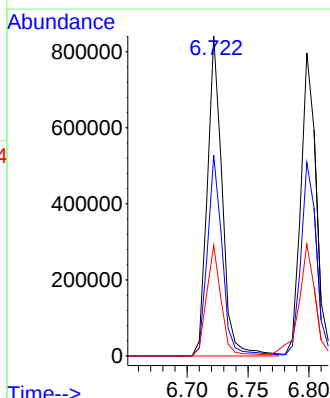
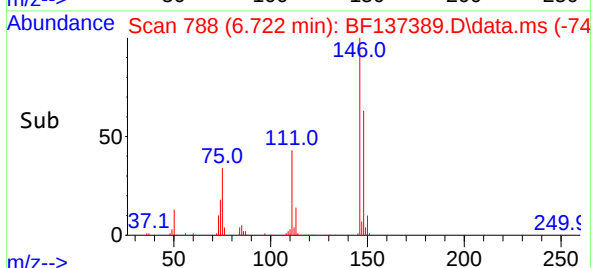
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

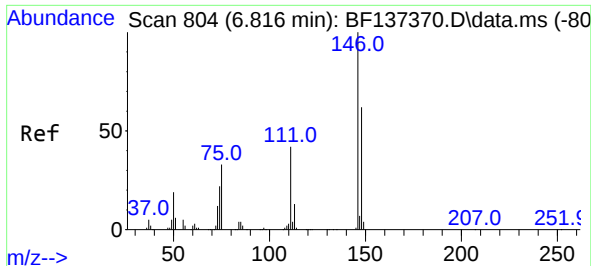


#12
1,3-Dichlorobenzene
Concen: 47.005 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



Tgt Ion:146 Resp: 710779
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.292 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137389.D

Acq: 26 Feb 2024 17:05

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

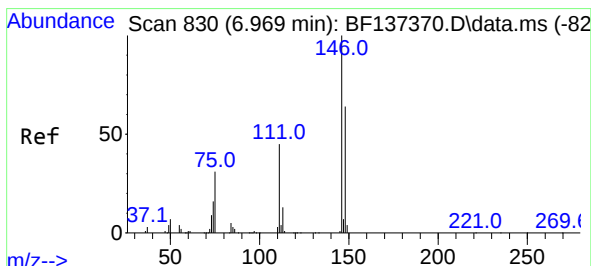
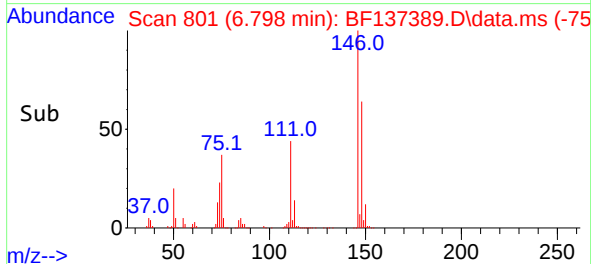
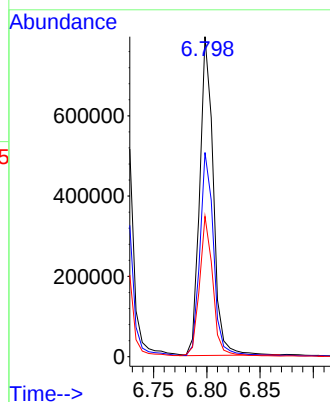
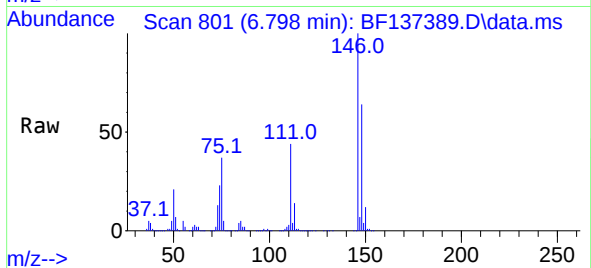
Tgt Ion:146 Resp: 705139
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.9 74.9
 111 43.9 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#14

1,2-Dichlorobenzene

Concen: 47.635 ng

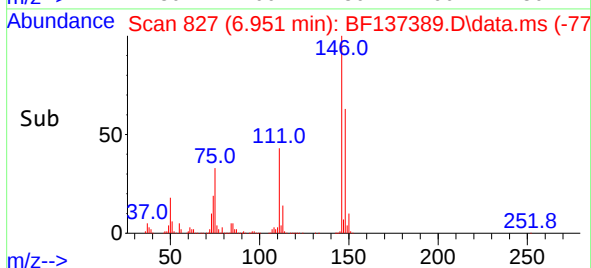
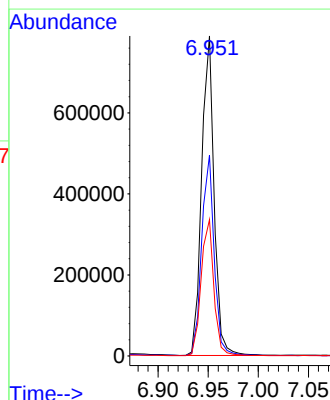
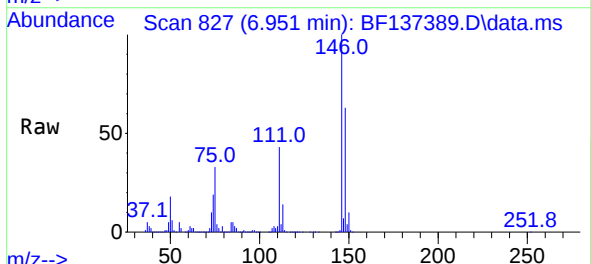
RT: 6.951 min Scan# 827

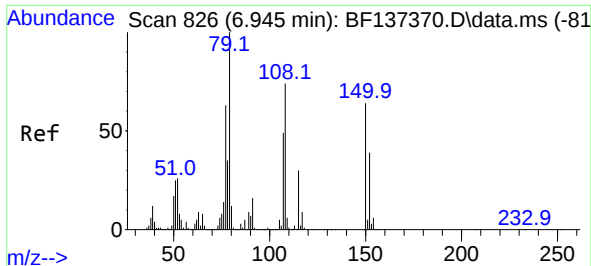
Delta R.T. -0.018 min

Lab File: BF137389.D

Acq: 26 Feb 2024 17:05

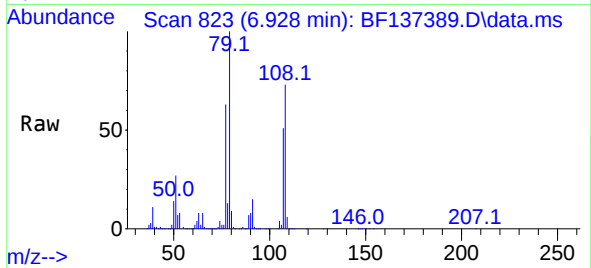
Tgt Ion:146 Resp: 685970
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.0
 111 42.6 36.6 54.8





#15
Benzyl Alcohol
Concen: 50.860 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

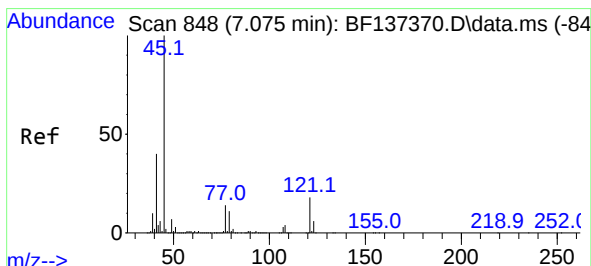
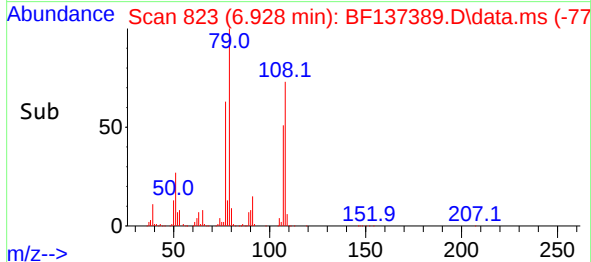
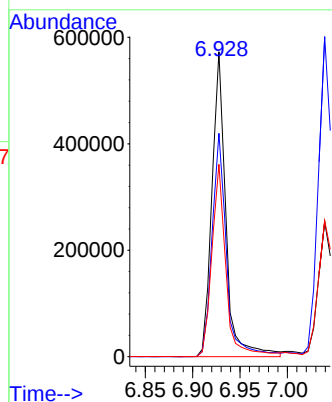
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 79 Resp: 585499
Ion Ratio Lower Upper
79 100
108 73.3 59.5 89.3
77 63.1 50.5 75.7

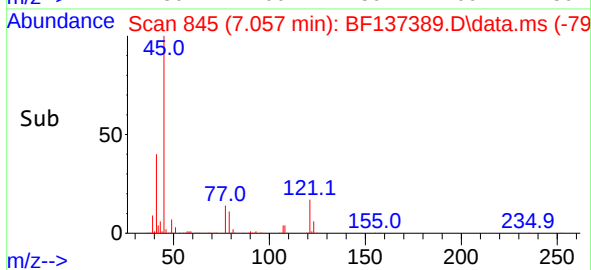
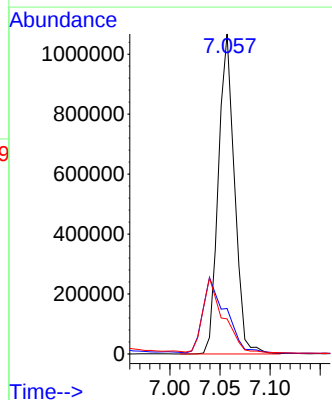
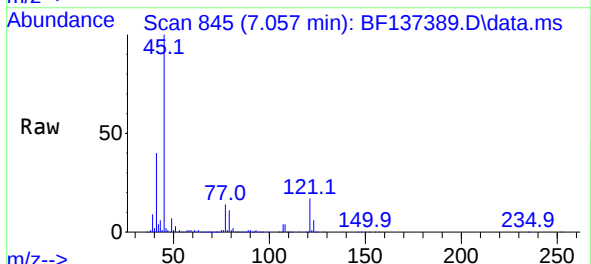
Manual Integrations
APPROVED

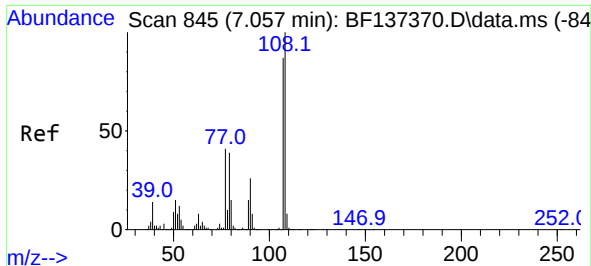
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.657 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

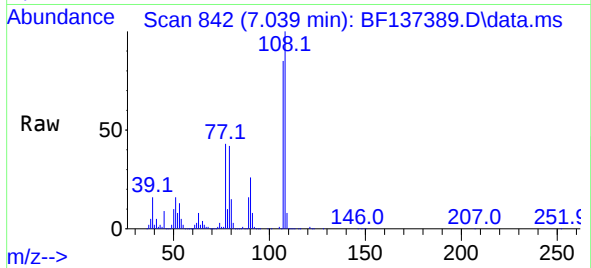
Tgt Ion: 45 Resp: 1191053
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.6
79 11.0 0.0 31.6





#17
2-Methylphenol
Concen: 41.530 ng
RT: 7.039 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

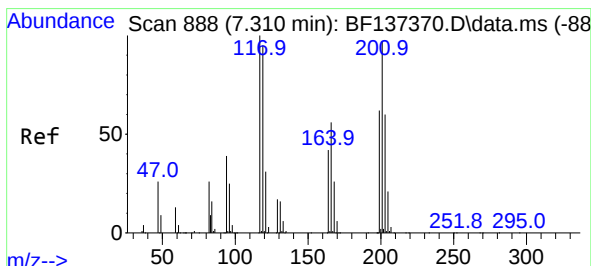
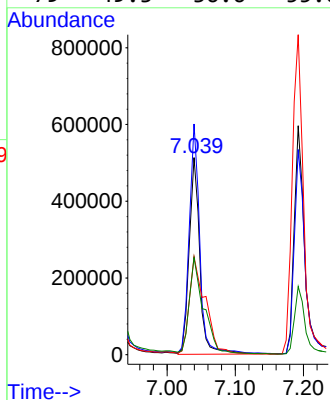
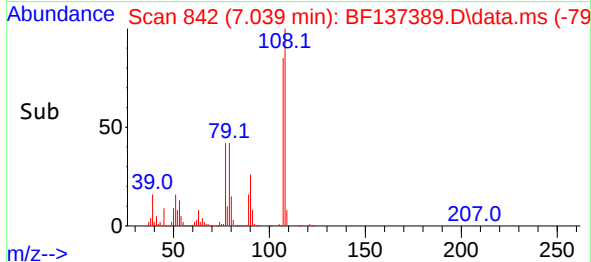
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:107 Resp: 553308
Ion Ratio Lower Upper
107 100
108 117.0 92.2 138.4
77 49.7 38.1 57.1
79 49.3 36.6 55.0

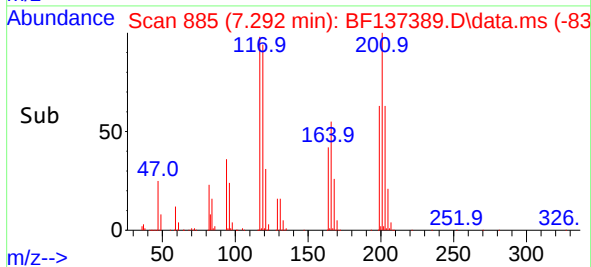
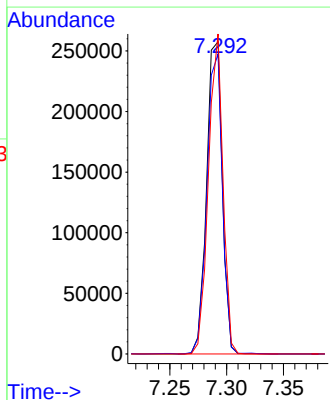
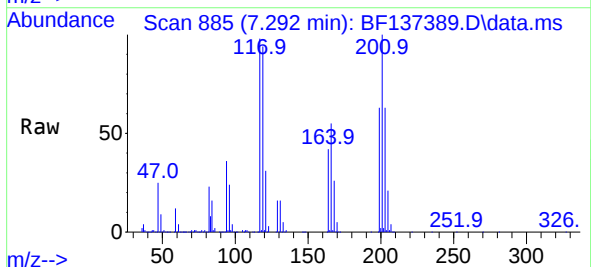
Manual Integrations
APPROVED

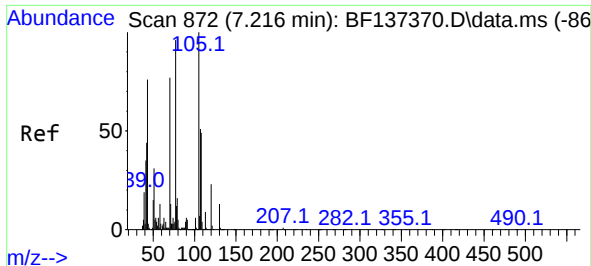
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#18
Hexachloroethane
Concen: 46.102 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

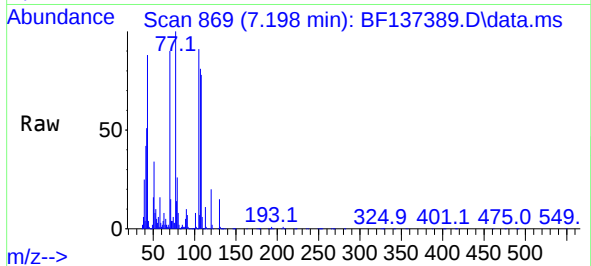
Tgt Ion:117 Resp: 247326
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
201 102.5 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.947 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

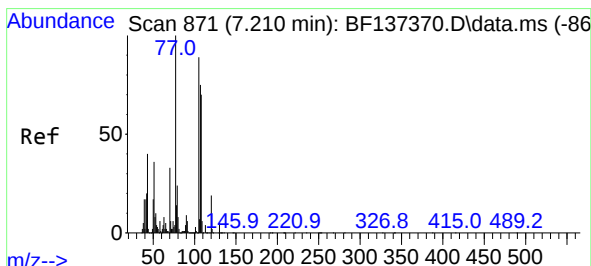
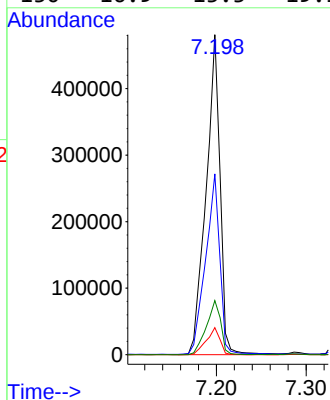
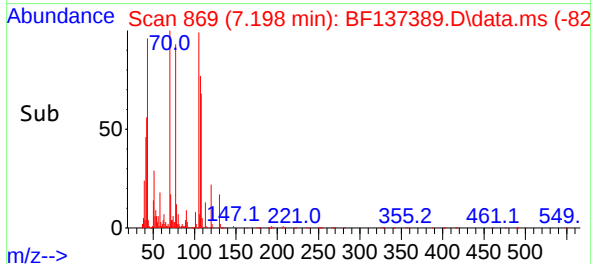
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 70 Resp: 52299
Ion Ratio Lower Upper
70 100
42 56.5 45.3 67.9
101 8.4 6.5 9.7
130 16.9 13.3 19.9

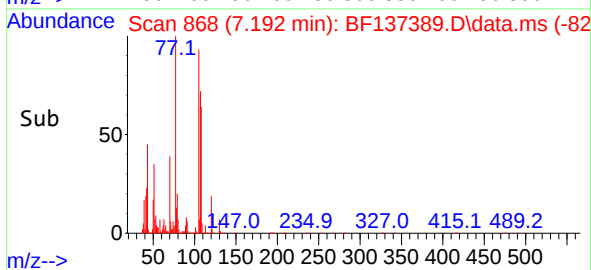
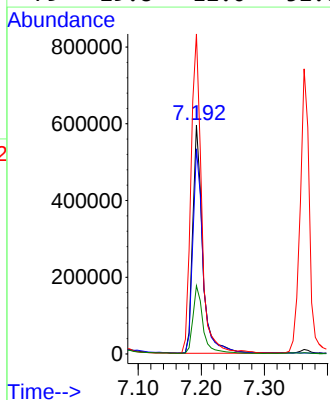
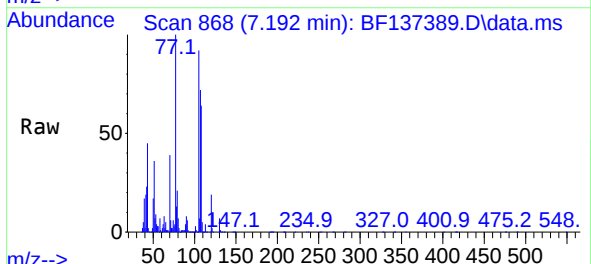
Manual Integrations
APPROVED

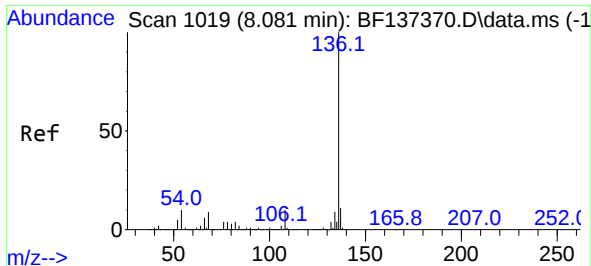
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#20
3+4-Methylphenols
Concen: 42.608 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

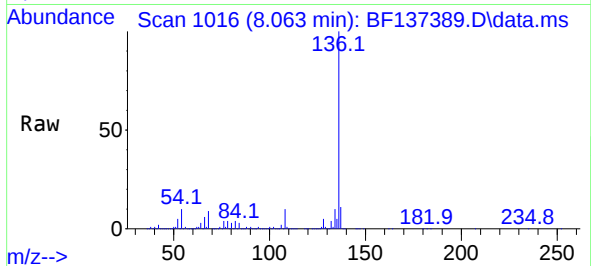
Tgt Ion:107 Resp: 647011
Ion Ratio Lower Upper
107 100
108 89.6 73.1 113.1
77 139.7 113.6 153.6
79 29.8 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

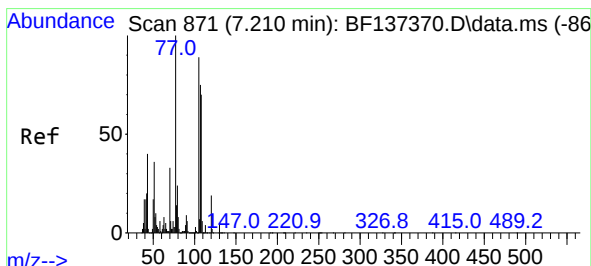
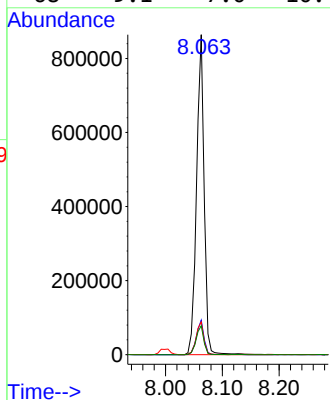
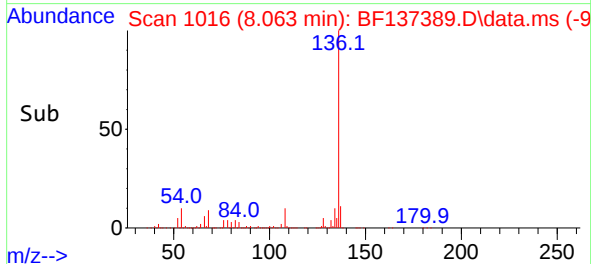
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:136 Resp: 810539
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.2 7.8 11.6
68 9.1 7.0 10.4

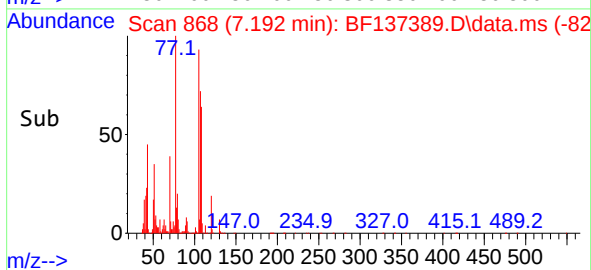
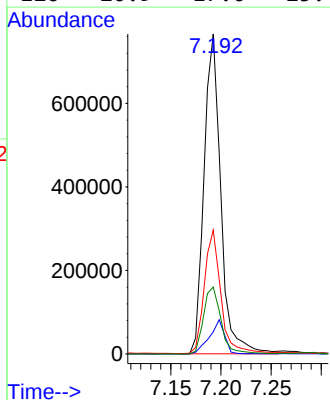
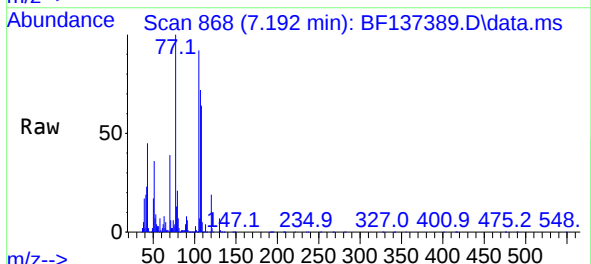
Manual Integrations
APPROVED

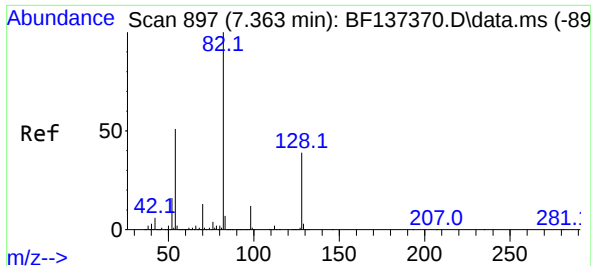
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#22
Acetophenone
Concen: 45.634 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

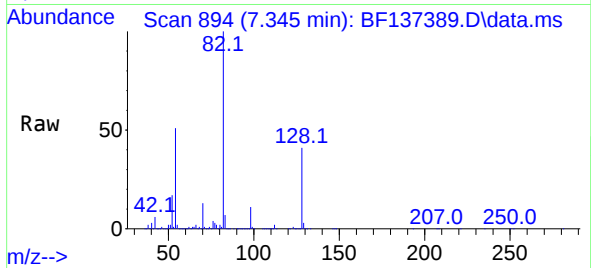
Tgt Ion:105 Resp: 896925
Ion Ratio Lower Upper
105 100
71 6.9 5.0 7.6
51 38.7 32.2 48.4
120 20.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 72.487 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

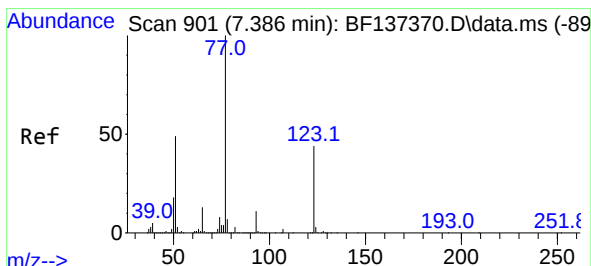
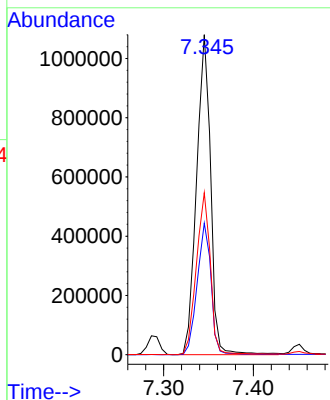
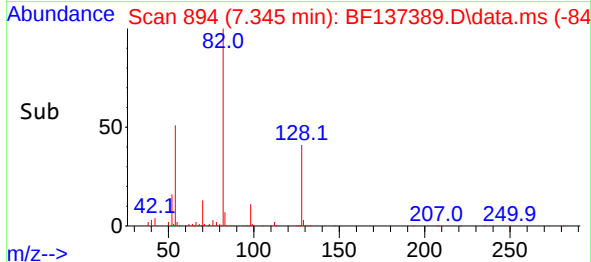
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



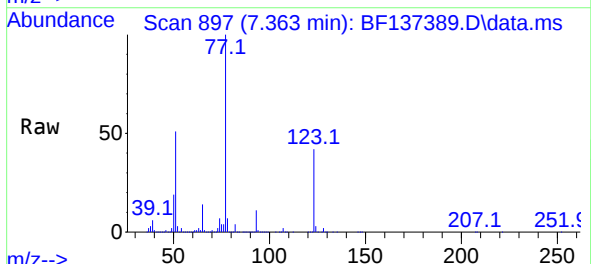
Tgt Ion: 82 Resp: 117684
Ion Ratio Lower Upper
82 100
128 41.1 30.8 46.2
54 50.6 40.8 61.2

Manual Integrations
APPROVED

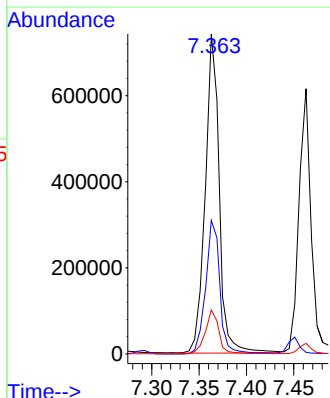
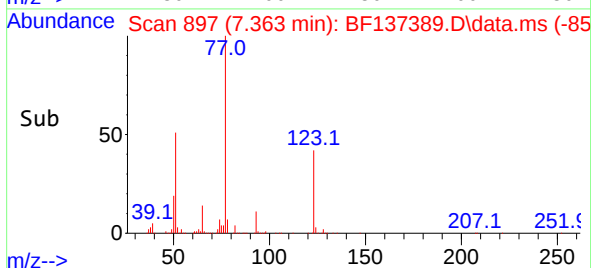
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

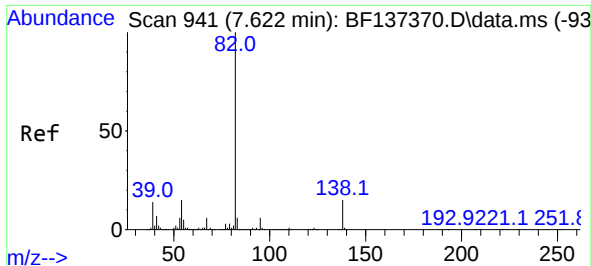


#24
Nitrobenzene
Concen: 46.215 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



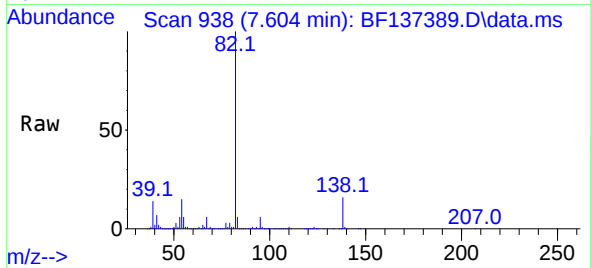
Tgt Ion: 77 Resp: 762398
Ion Ratio Lower Upper
77 100
123 41.8 35.4 53.0
65 13.7 10.3 15.5





#25
Isophorone
Concen: 43.653 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

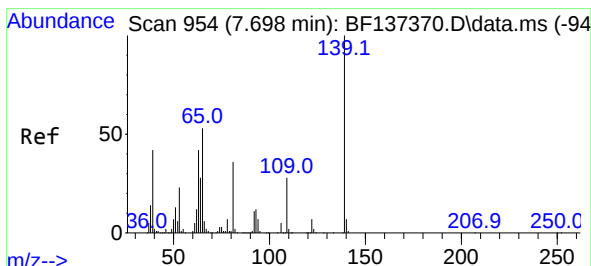
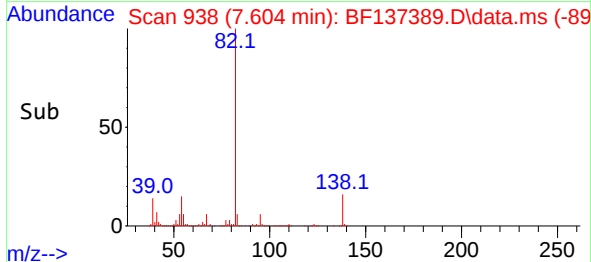
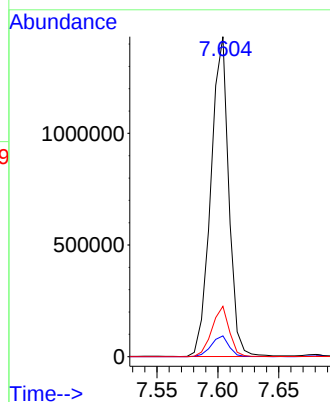
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 82 Resp: 146561
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.8 12.2 18.4

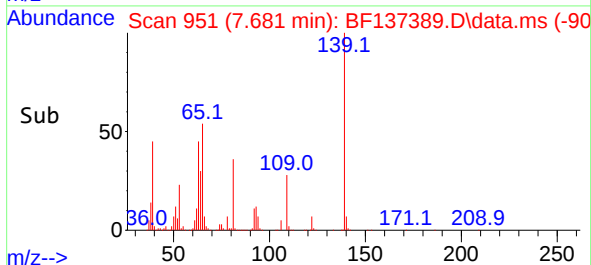
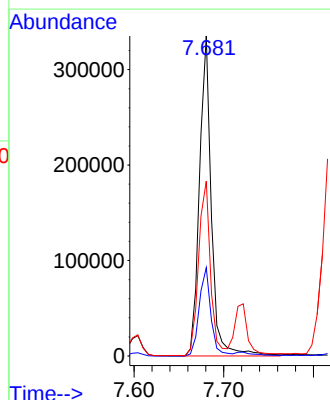
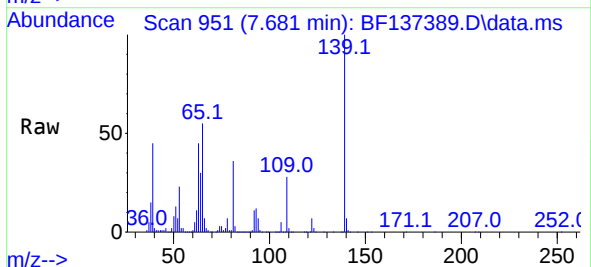
Manual Integrations
APPROVED

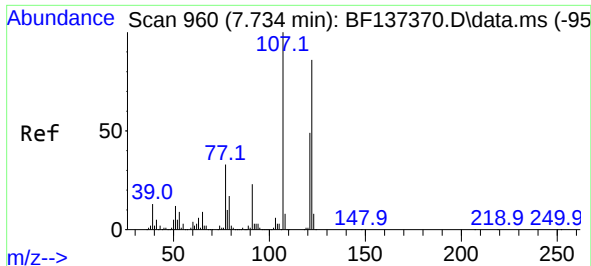
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#26
2-Nitrophenol
Concen: 49.176 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

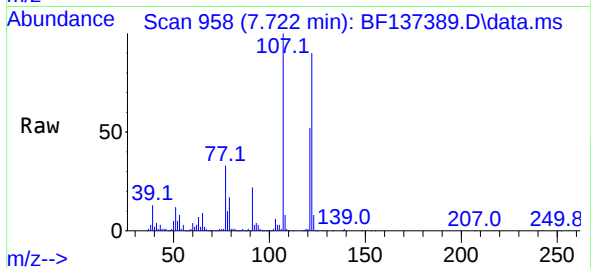
Tgt Ion:139 Resp: 310468
Ion Ratio Lower Upper
139 100
109 27.6 22.5 33.7
65 54.7 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 38.161 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

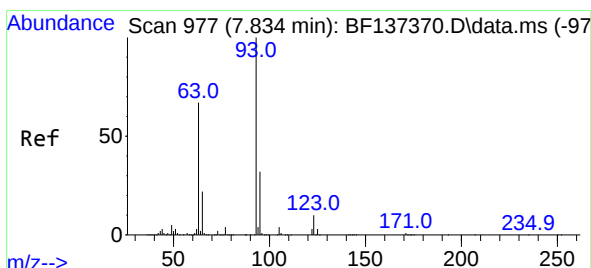
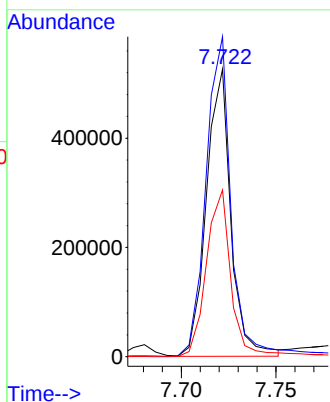
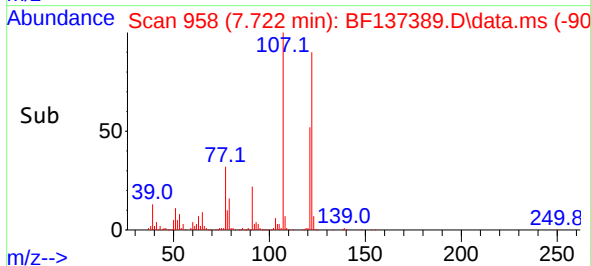
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



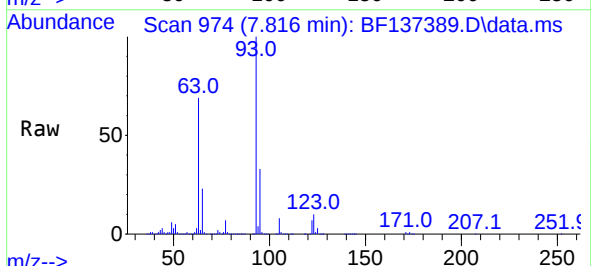
Tgt Ion:122 Resp: 471197
Ion Ratio Lower Upper
122 100
107 111.3 92.7 139.1
121 58.0 45.2 67.8

Manual Integrations
APPROVED

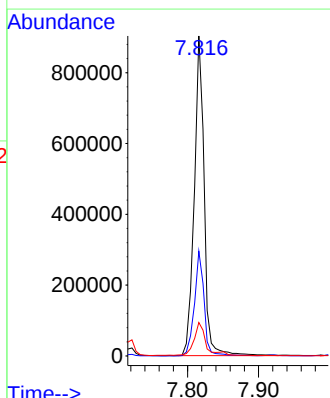
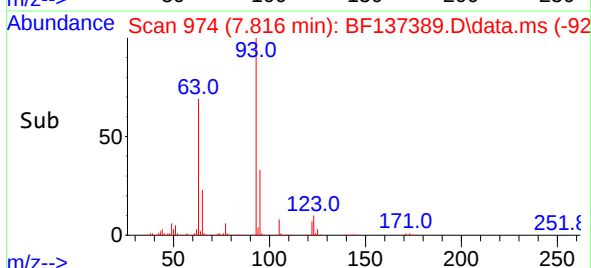
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

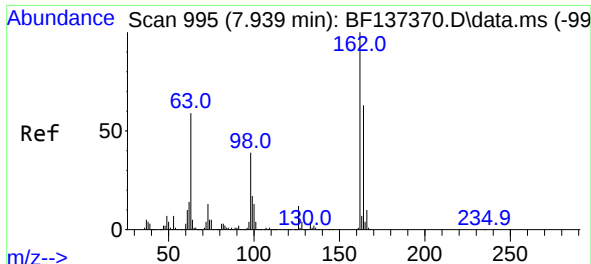


#28
bis(2-Chloroethoxy)methane
Concen: 45.572 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



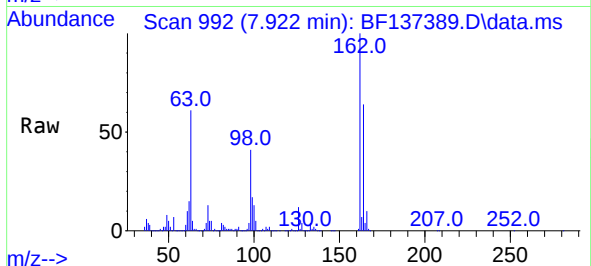
Tgt Ion: 93 Resp: 881901
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 10.5 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 46.582 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

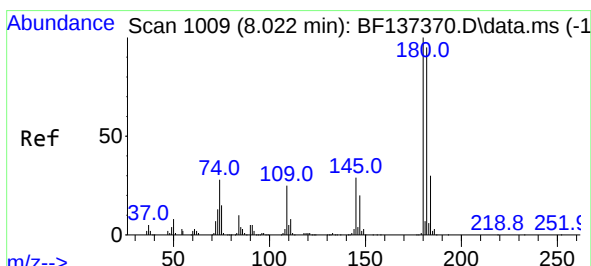
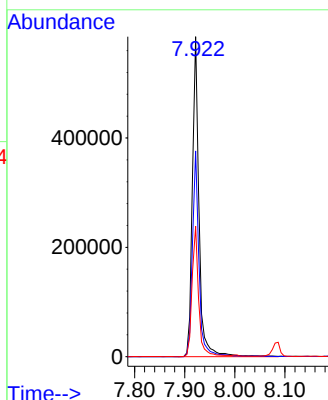
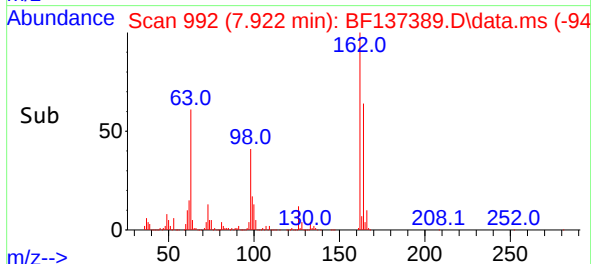
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:162 Resp: 539088
Ion Ratio Lower Upper
162 100
164 64.3 43.1 83.1
98 40.8 19.0 59.0

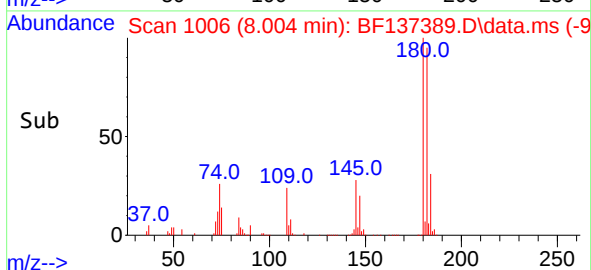
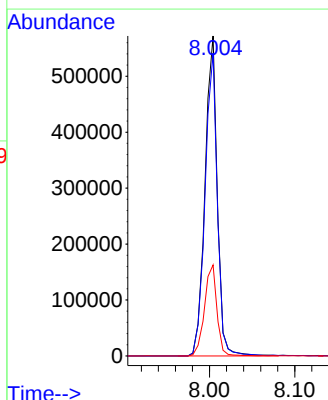
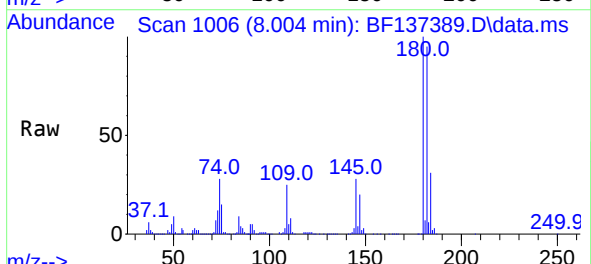
Manual Integrations
APPROVED

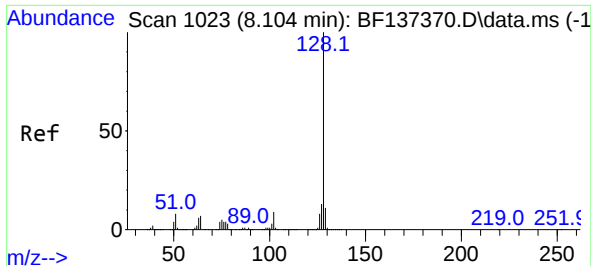
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.025 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

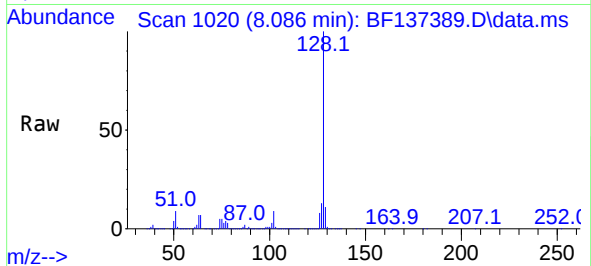
Tgt Ion:180 Resp: 571719
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 28.5 23.4 35.0





#31
Naphthalene
Concen: 44.825 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

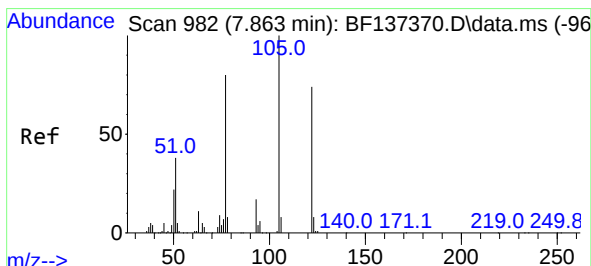
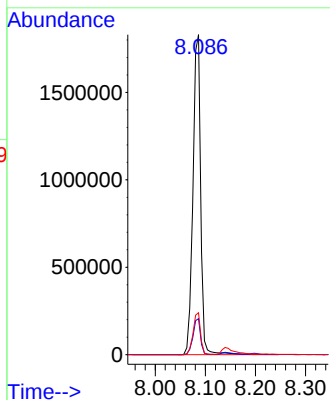
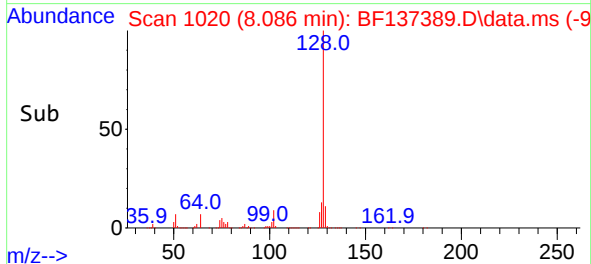
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:128 Resp: 1949780
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.6 16.0

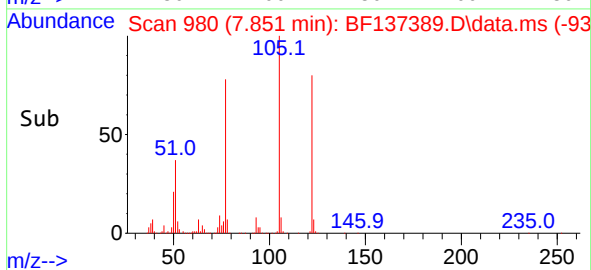
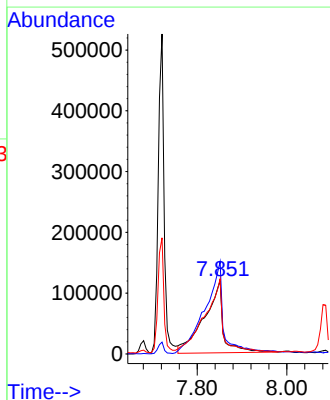
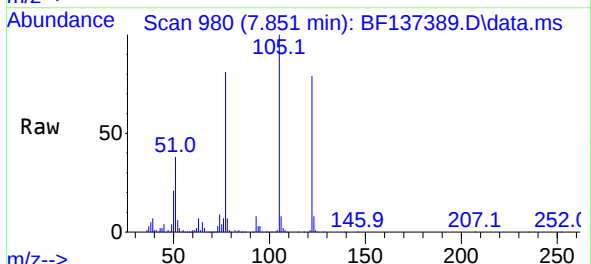
Manual Integrations
APPROVED

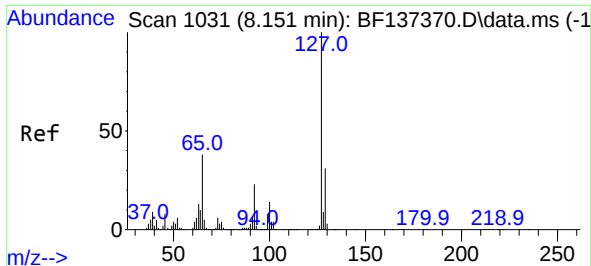
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#32
Benzoic acid
Concen: 46.853 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

Tgt Ion:122 Resp: 352537
Ion Ratio Lower Upper
122 100
105 126.0 101.1 141.1
77 102.3 82.8 122.8





#33
4-Chloroaniline
Concen: 4.228 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

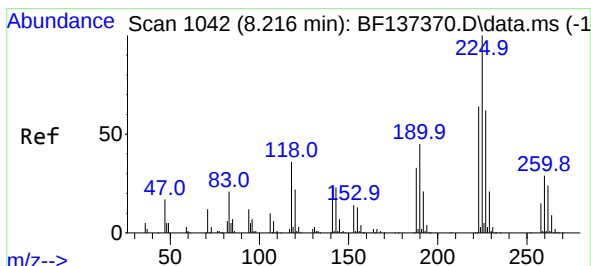
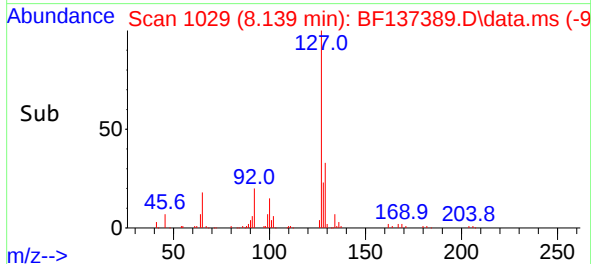
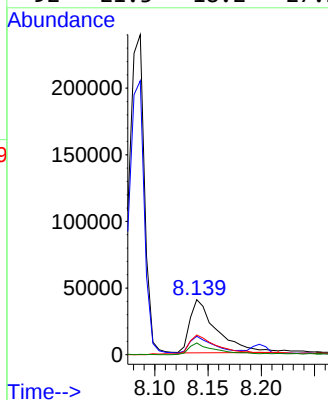
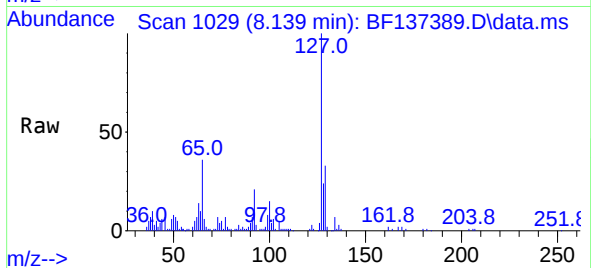
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:127 Resp: 6995

Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.0	37.6
65	35.8	30.4	45.6
92	21.3	18.2	27.2

Manual Integrations
APPROVED

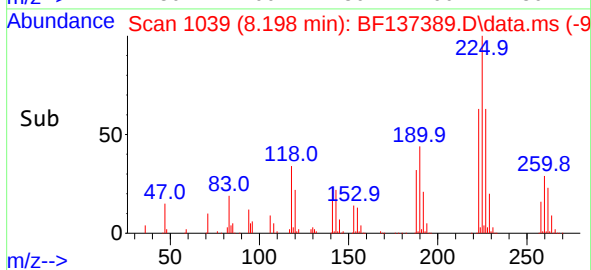
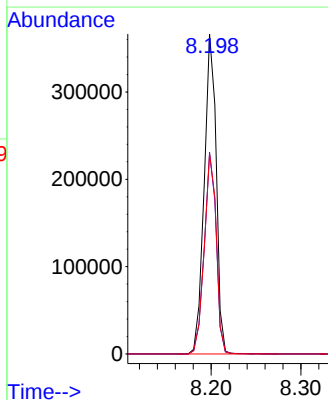
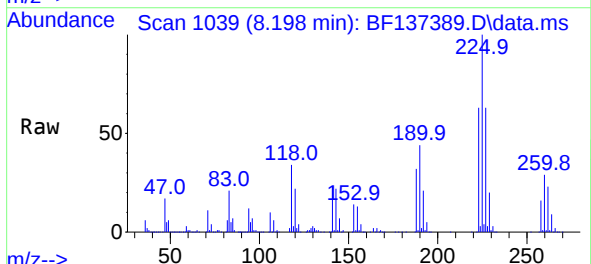
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

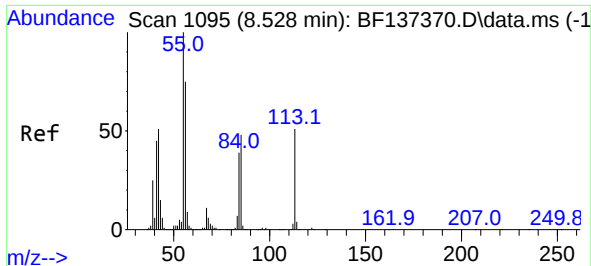


#34
Hexachlorobutadiene
Concen: 46.116 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

Tgt Ion:225 Resp: 340307

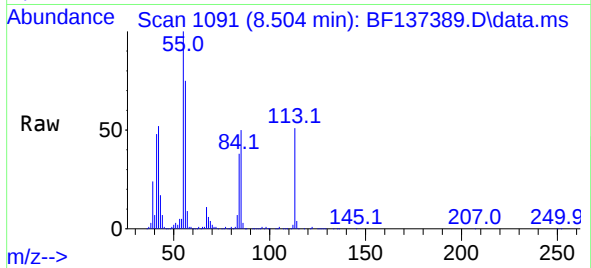
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.0
227	62.8	49.8	74.6





#35
Caprolactam
Concen: 44.524 ng m
RT: 8.504 min Scan# 1095
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

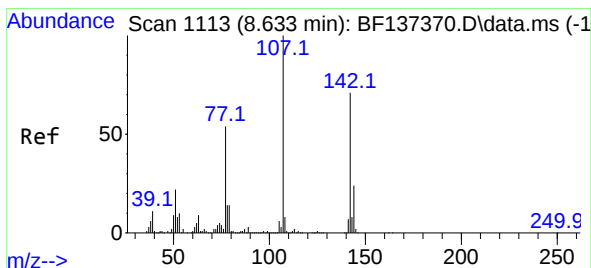
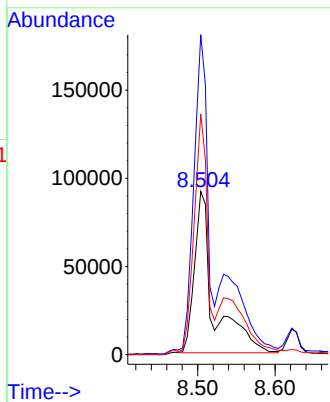
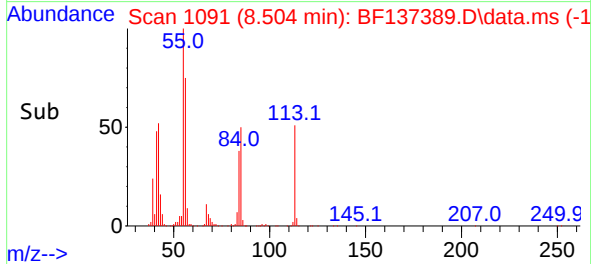
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:113 Resp: 159348
Ion Ratio Lower Upper
113 100
55 195.9 176.3 216.3
56 147.5 127.6 167.6

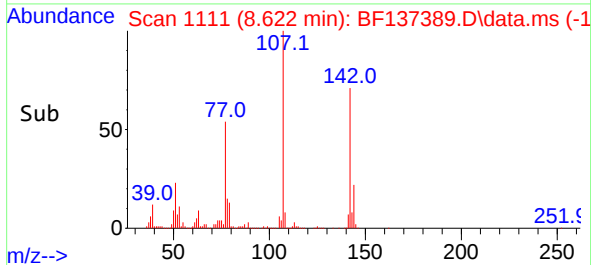
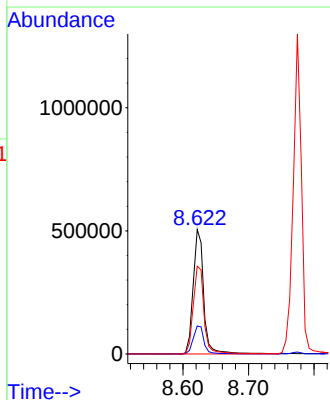
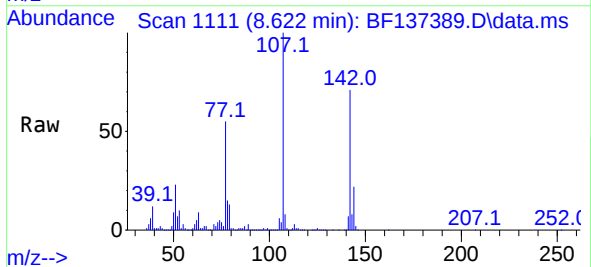
Manual Integrations
APPROVED

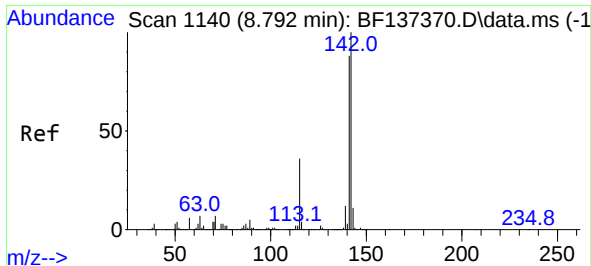
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#36
4-Chloro-3-methylphenol
Concen: 43.075 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

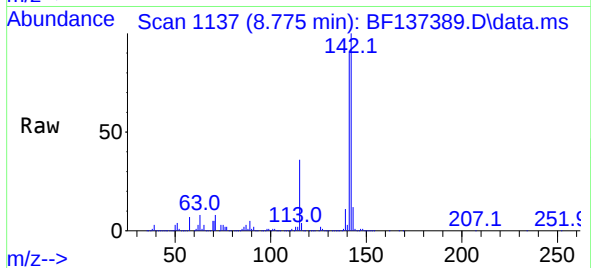
Tgt Ion:107 Resp: 565152
Ion Ratio Lower Upper
107 100
144 22.5 18.9 28.3
142 70.6 56.6 85.0





#37
2-Methylnaphthalene
Concen: 40.765 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

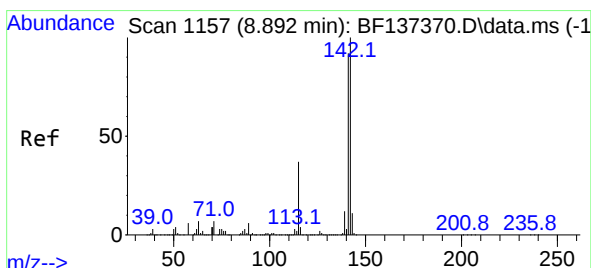
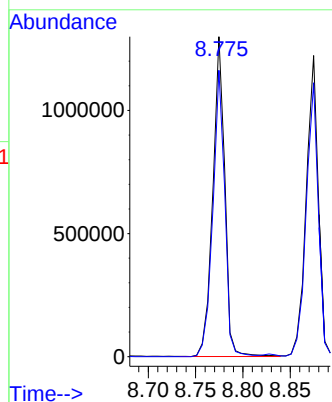
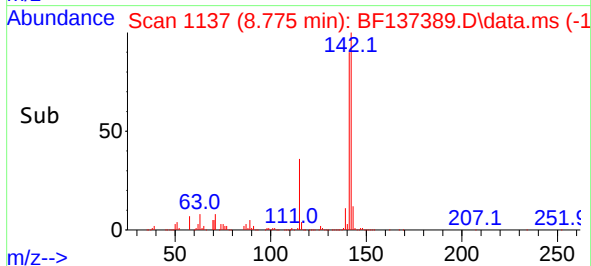
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



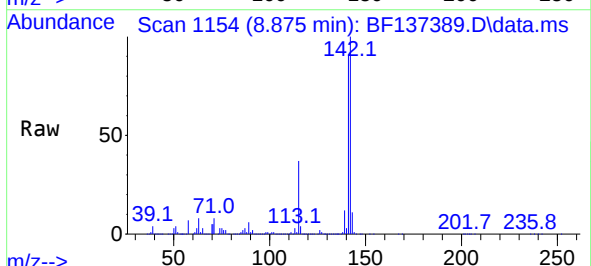
Tgt Ion:142 Resp: 1142580
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5

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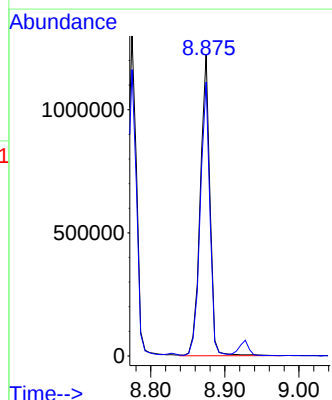
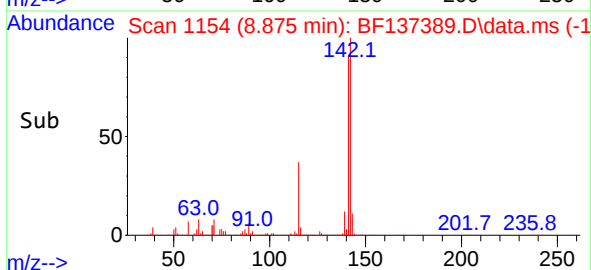
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

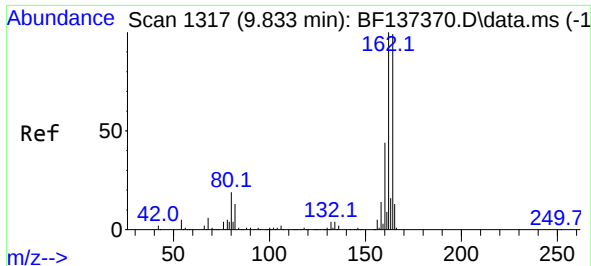


#38
1-Methylnaphthalene
Concen: 41.810 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



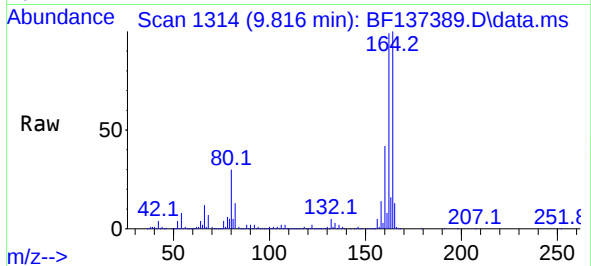
Tgt Ion:142 Resp: 1107965
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

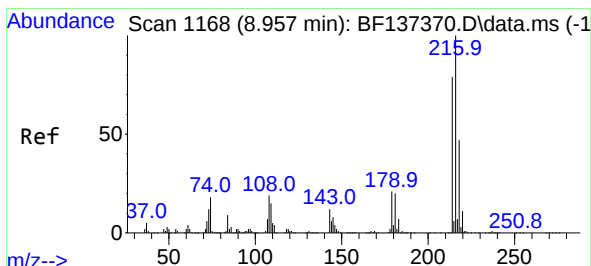
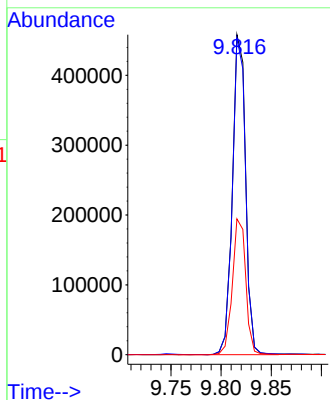
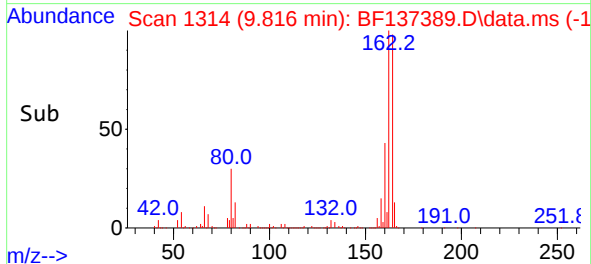
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



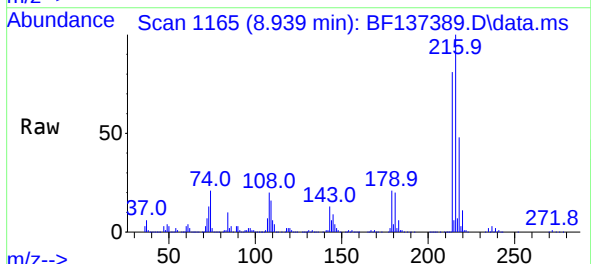
Tgt Ion:164 Resp: 420214
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 42.4 35.7 53.5

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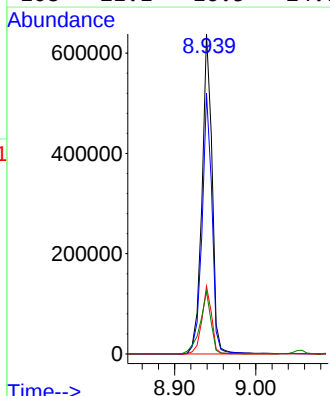
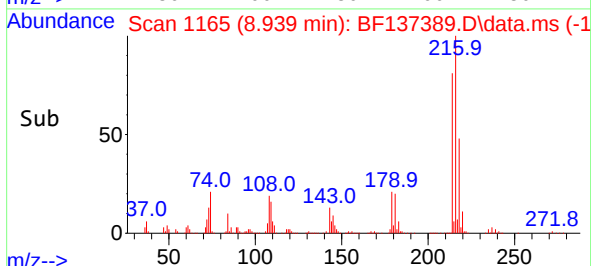
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

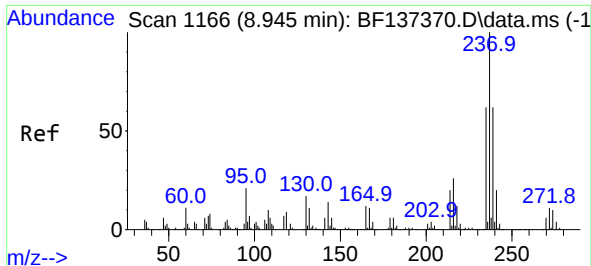


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.766 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



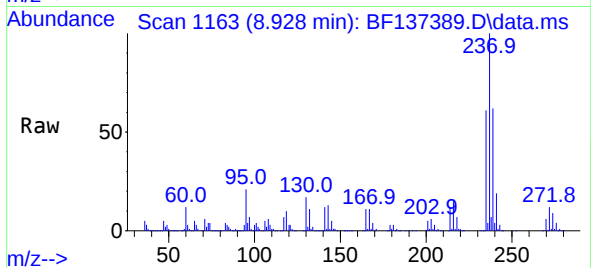
Tgt Ion:216 Resp: 552837
Ion Ratio Lower Upper
216 100
214 80.1 62.3 93.5
179 20.6 16.5 24.7
108 21.1 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 85.364 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

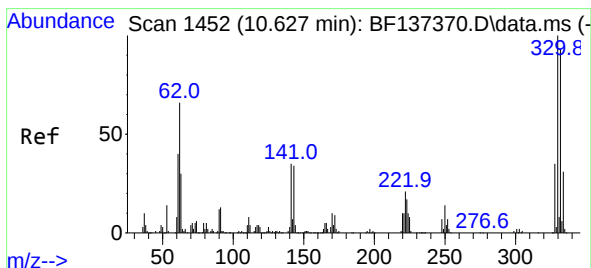
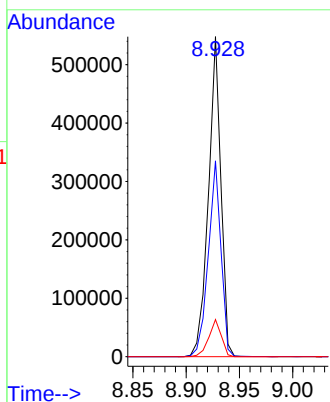
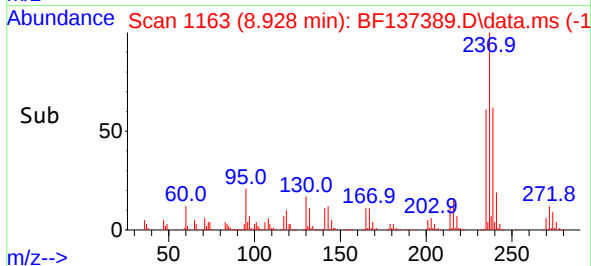
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



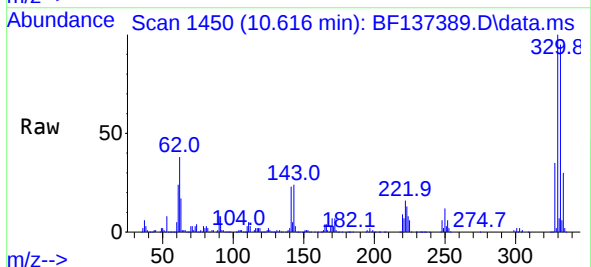
Tgt Ion:237 Resp: 447948
Ion Ratio Lower Upper
237 100
235 61.2 42.0 82.0
272 11.6 0.0 31.3

Manual Integrations
APPROVED

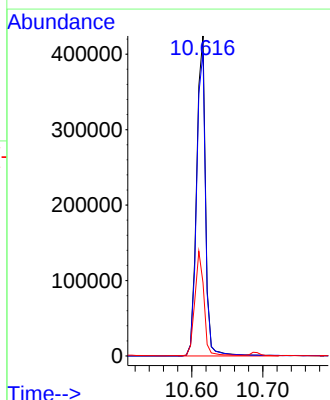
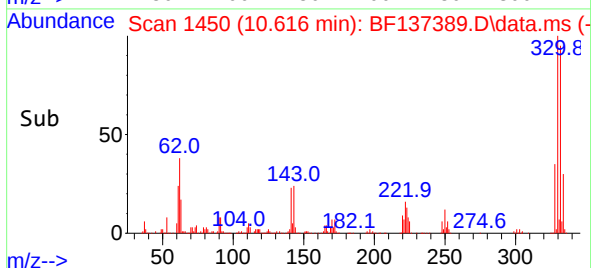
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

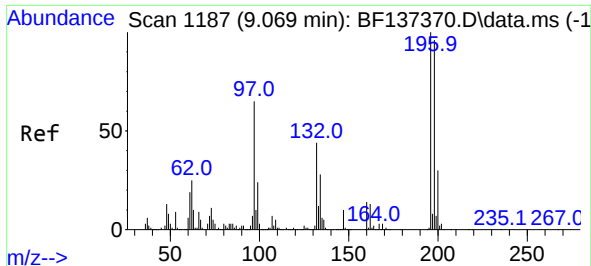


#42
2,4,6-Tribromophenol
Concen: 101.772 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



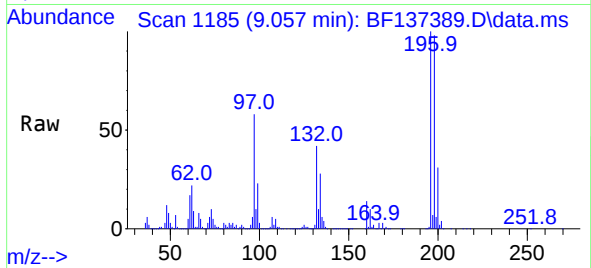
Tgt Ion:330 Resp: 372408
Ion Ratio Lower Upper
330 100
332 95.4 75.6 113.4
141 33.2 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 47.790 ng
RT: 9.057 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

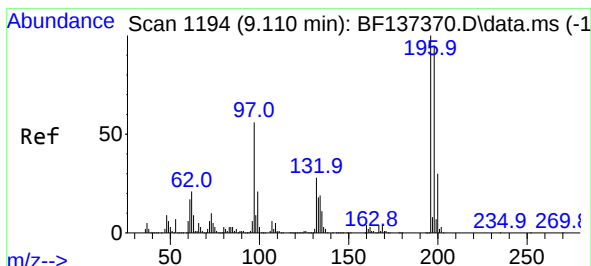
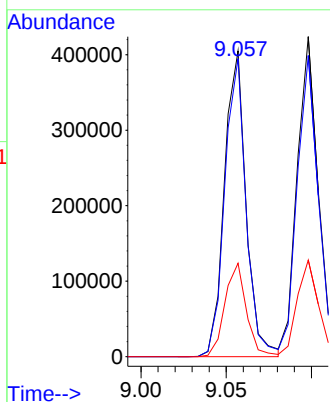
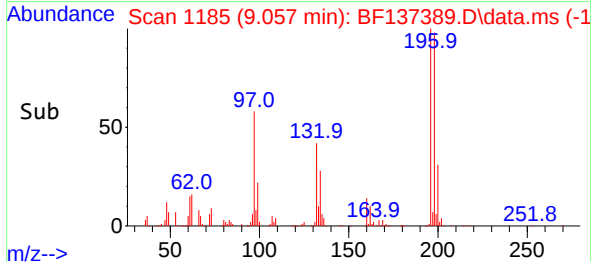
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



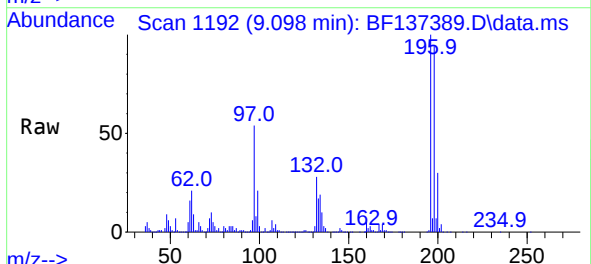
Tgt Ion:196 Resp: 358634
Ion Ratio Lower Upper
196 100
198 97.6 77.0 115.4
200 30.6 24.3 36.5

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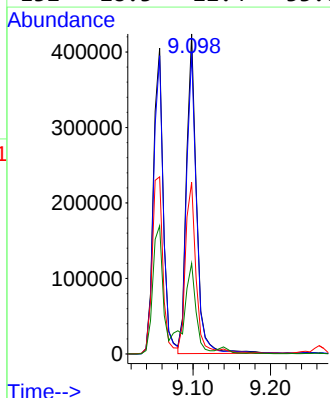
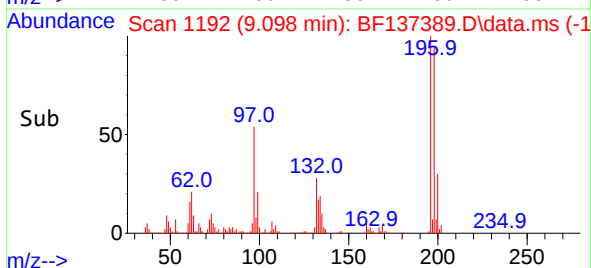
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

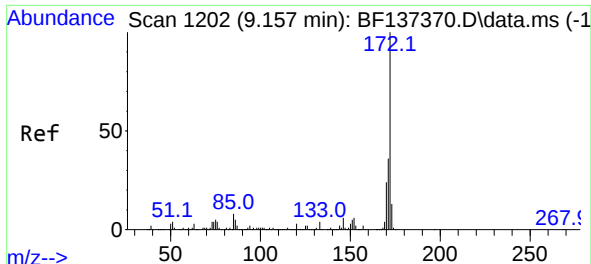


#44
2,4,5-Trichlorophenol
Concen: 44.503 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



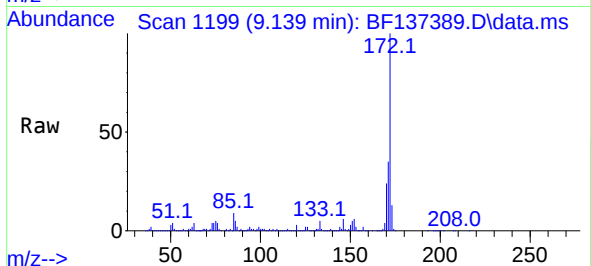
Tgt Ion:196 Resp: 383139
Ion Ratio Lower Upper
196 100
198 94.1 75.6 113.4
97 53.6 44.6 66.8
132 28.3 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 61.248 ng
RT: 9.139 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

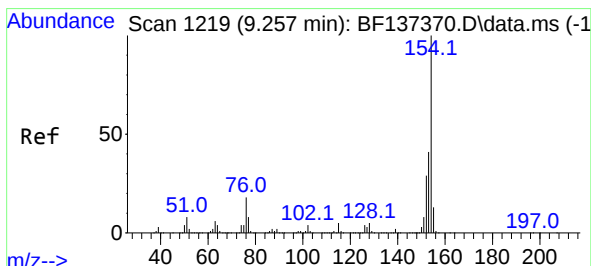
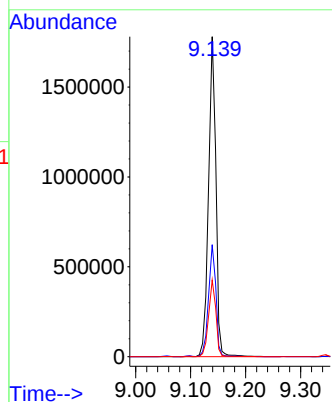
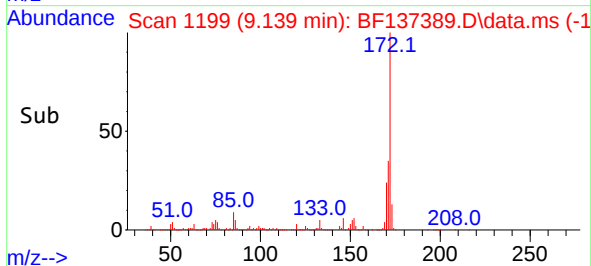
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:172 Resp: 165316
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.9 19.5 29.3

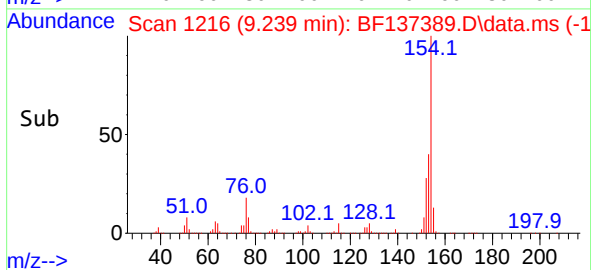
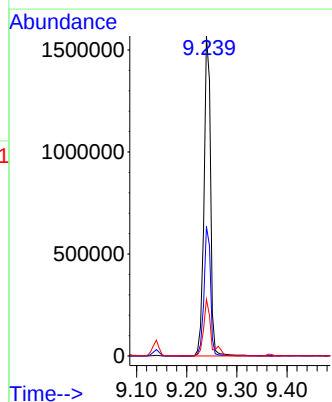
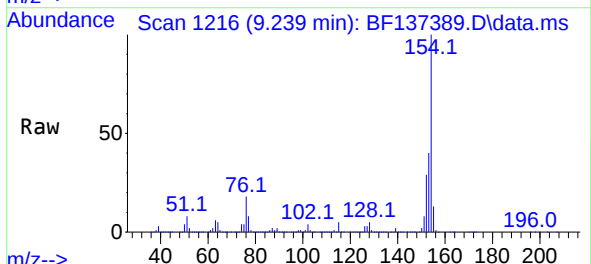
Manual Integrations
APPROVED

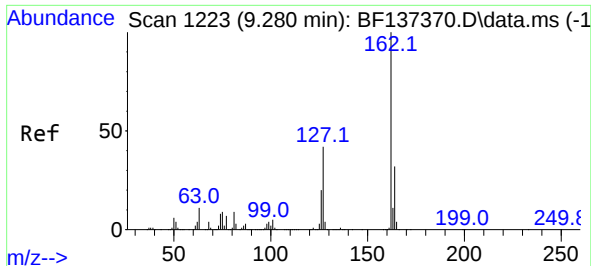
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#46
1,1'-Biphenyl
Concen: 46.527 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

Tgt Ion:154 Resp: 1424000
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 17.7 0.0 37.9





#47

2-Chloronaphthalene

Concen: 47.767 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137389.D

Acq: 26 Feb 2024 17:05

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MSD

Tgt Ion:162 Resp: 110405

Ion Ratio Lower Upper

162 100

127 41.4 33.6 50.4

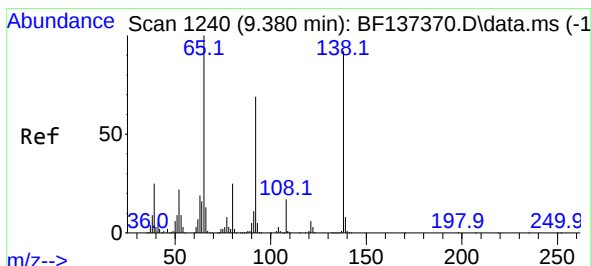
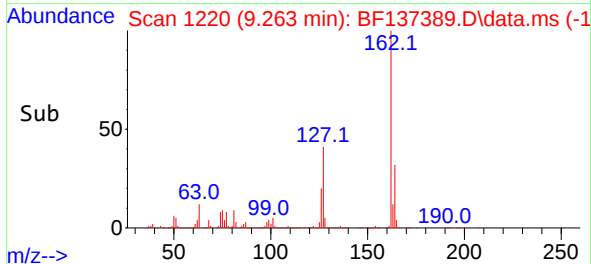
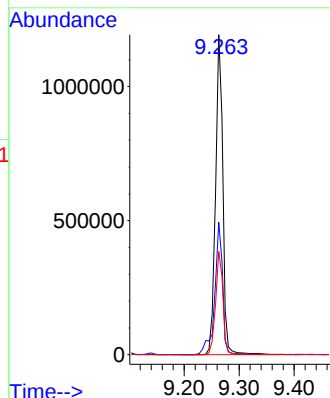
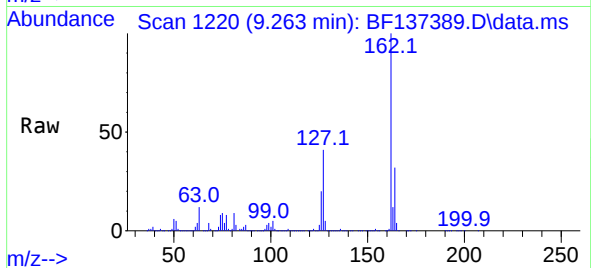
164 32.3 25.9 38.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/27/2024

Supervised By :mohammad ahmed 02/27/2024



#48

2-Nitroaniline

Concen: 44.901 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.017 min

Lab File: BF137389.D

Acq: 26 Feb 2024 17:05

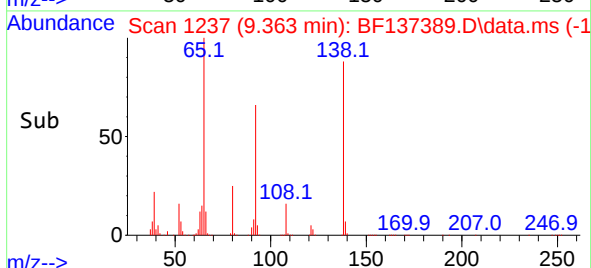
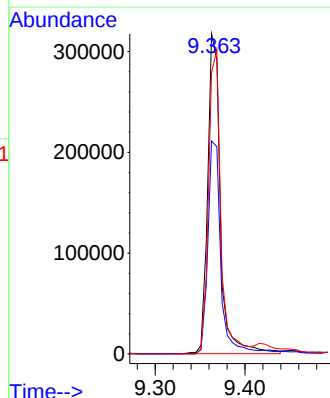
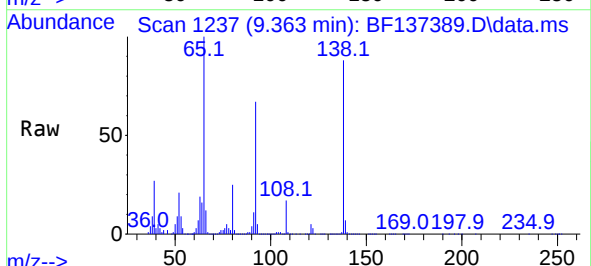
Tgt Ion: 65 Resp: 313091

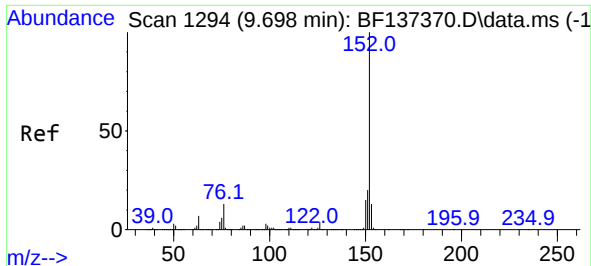
Ion Ratio Lower Upper

65 100

92 66.6 55.0 82.6

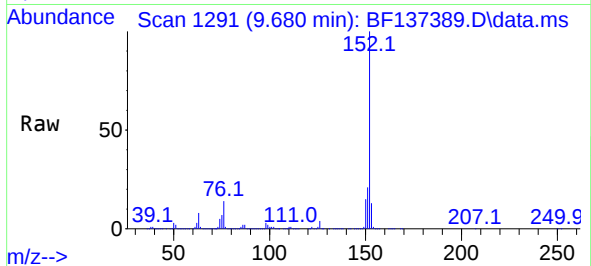
138 88.0 73.7 110.5





#49
Acenaphthylene
Concen: 46.386 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

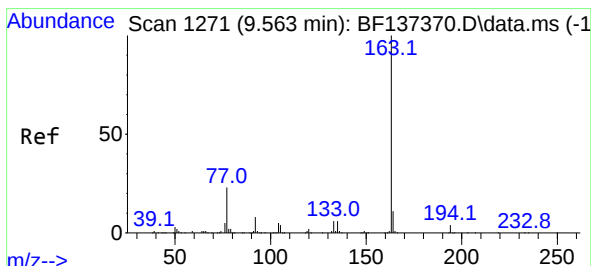
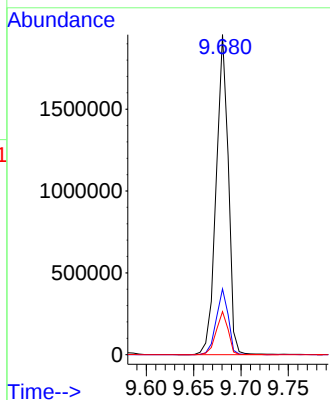
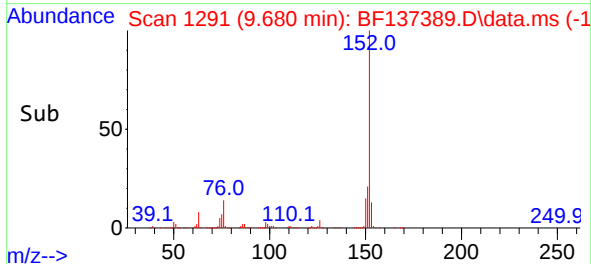
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



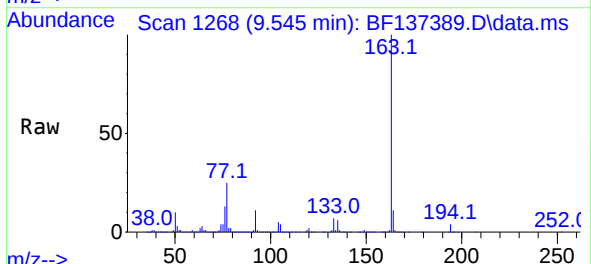
Tgt Ion:152 Resp: 174191
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.6 15.8

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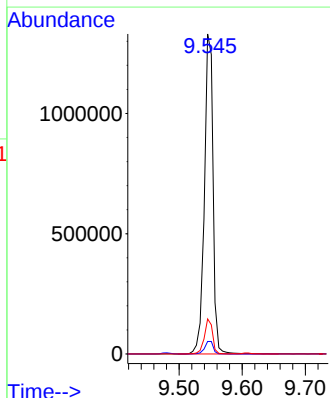
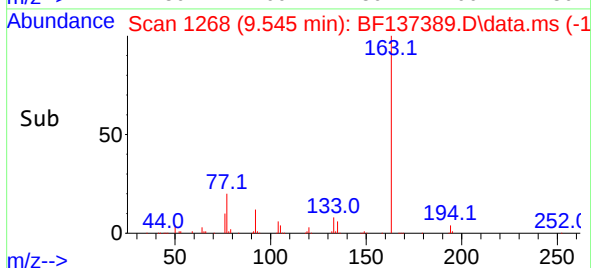
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

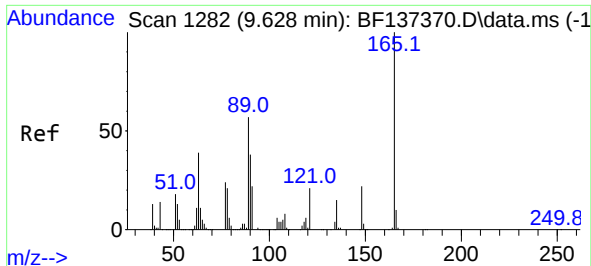


#50
Dimethylphthalate
Concen: 43.726 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



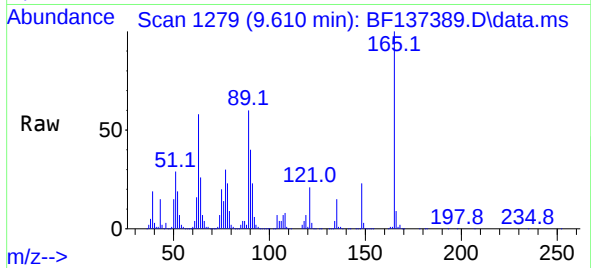
Tgt Ion:163 Resp: 1269657
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 11.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.952 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

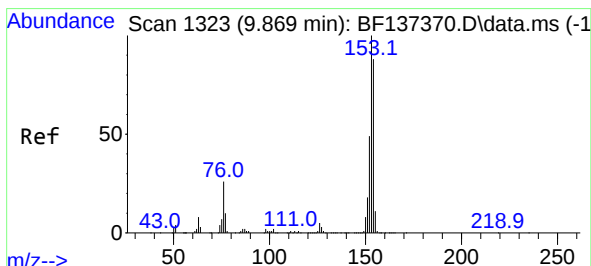
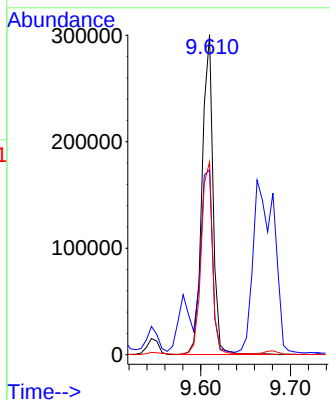
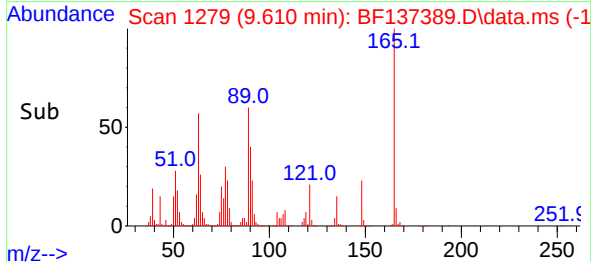
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



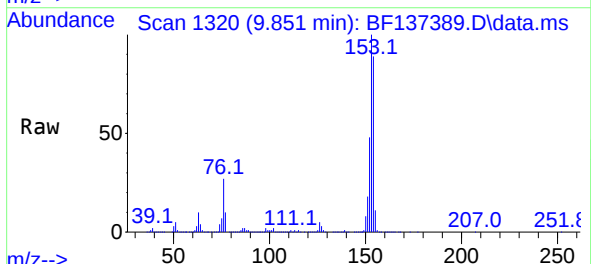
Tgt Ion:165 Resp: 25362
Ion Ratio Lower Upper
165 100
63 57.8 41.6 62.4
89 60.2 45.8 68.6

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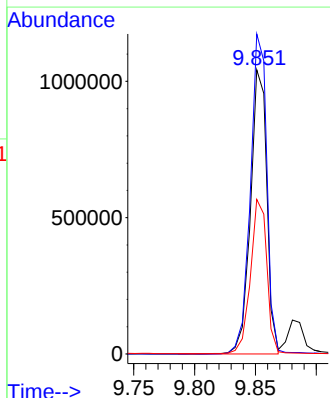
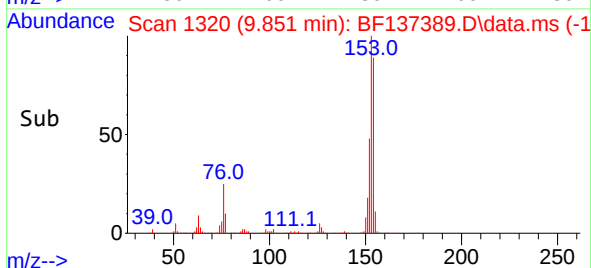
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

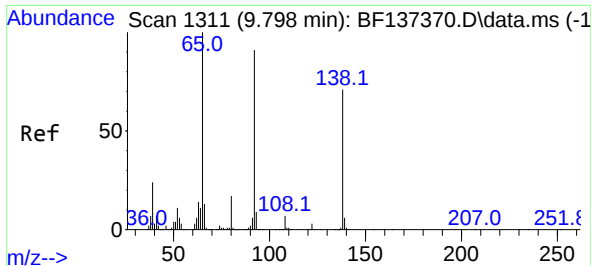


#52
Acenaphthene
Concen: 43.470 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



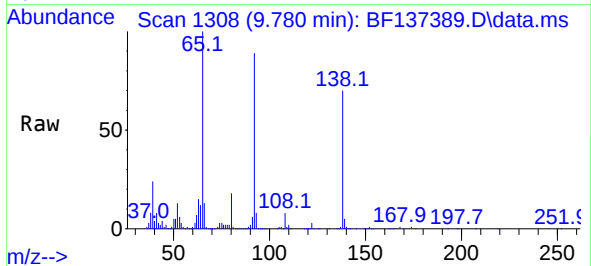
Tgt Ion:154 Resp: 974430
Ion Ratio Lower Upper
154 100
153 112.6 90.6 135.8
152 54.4 44.1 66.1





#53
3-Nitroaniline
Concen: 16.575 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

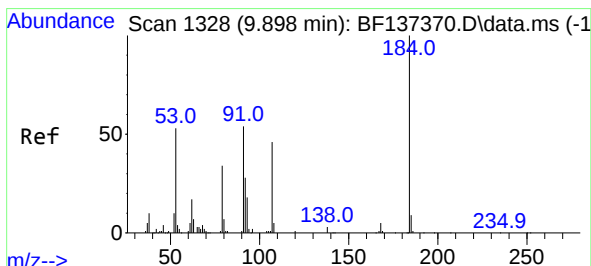
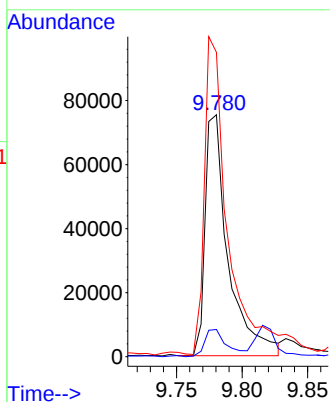
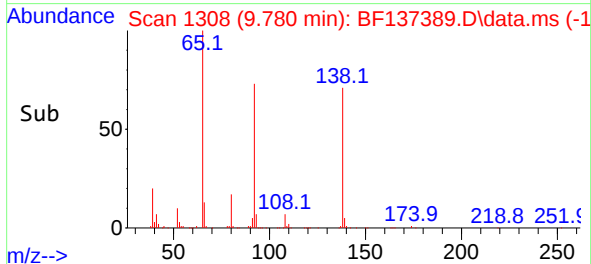
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



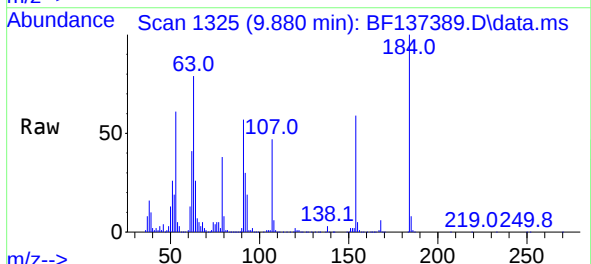
Tgt Ion:138 Resp: 92275
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.2
92 125.8 102.2 153.2

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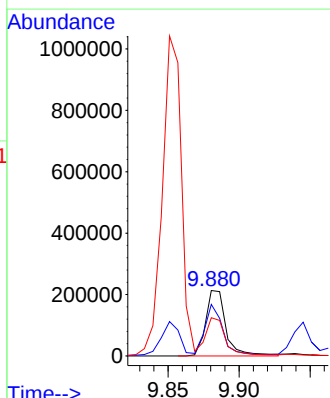
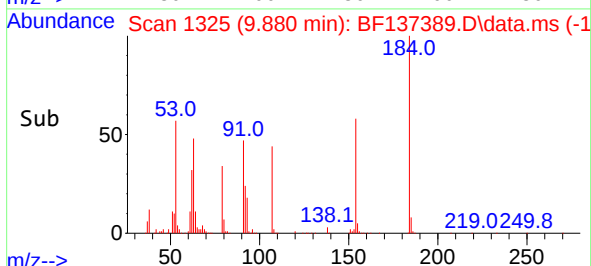
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

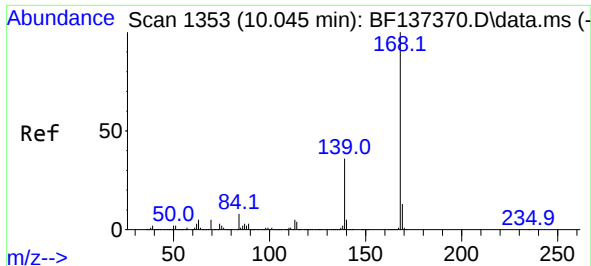


#54
2,4-Dinitrophenol
Concen: 79.943 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



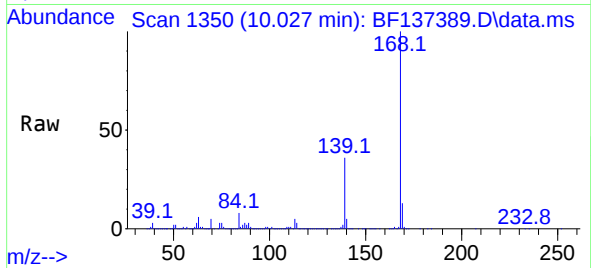
Tgt Ion:184 Resp: 213439
Ion Ratio Lower Upper
184 100
63 78.9 55.9 83.9
154 58.5 47.6 71.4





#55
Dibenzenofuran
Concen: 42.897 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

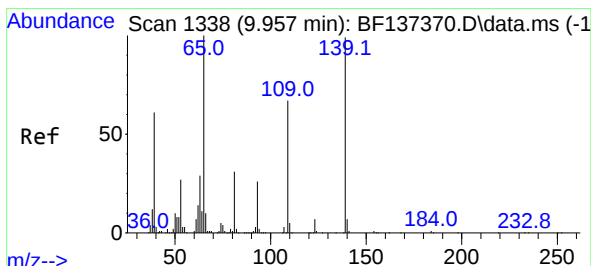
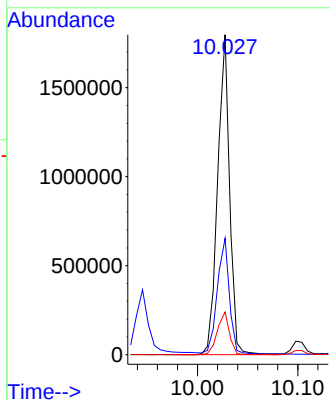
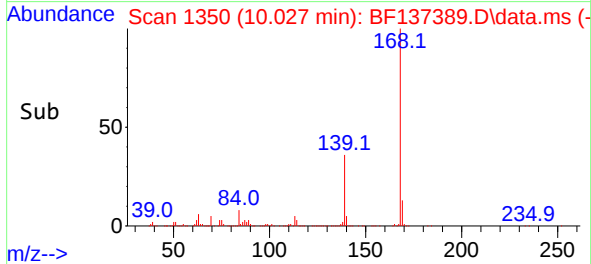
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:168 Resp: 148619
Ion Ratio Lower Upper
168 100
139 36.3 28.9 43.3
169 13.3 10.8 16.2

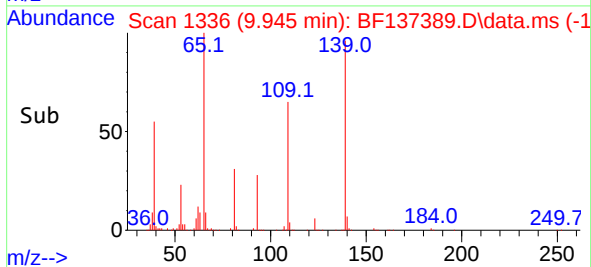
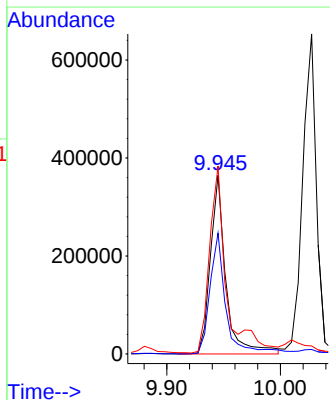
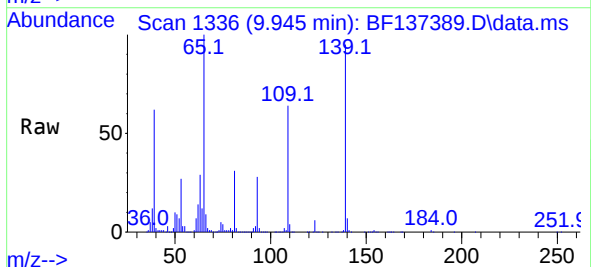
Manual Integrations
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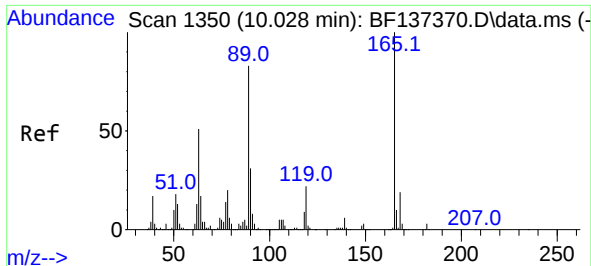
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#56
4-Nitrophenol
Concen: 75.575 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

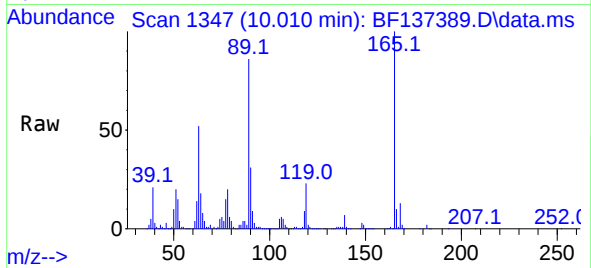
Tgt Ion:139 Resp: 344494
Ion Ratio Lower Upper
139 100
109 67.6 48.0 88.0
65 105.2 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 45.763 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

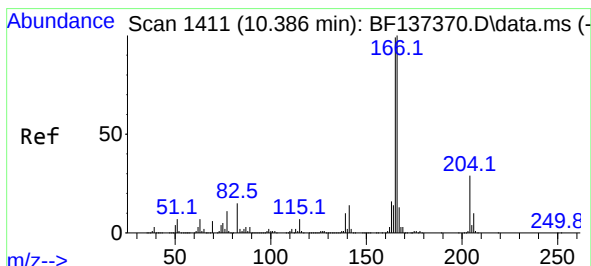
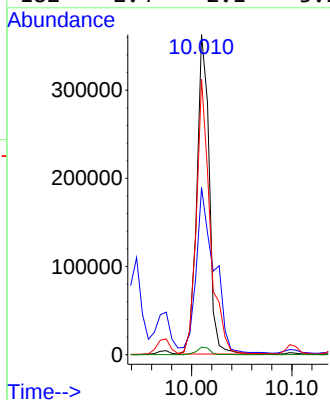
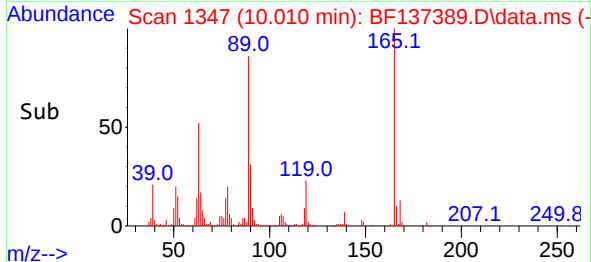
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:165 Resp: 31219
Ion Ratio Lower Upper
165 100
63 52.2 41.1 61.7
89 86.1 66.6 100.0
182 2.4 2.1 3.1

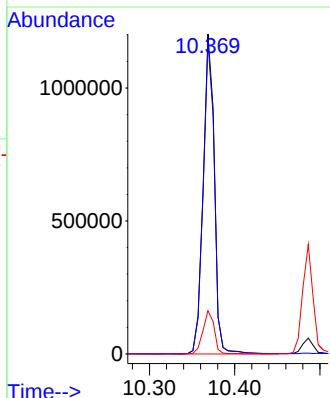
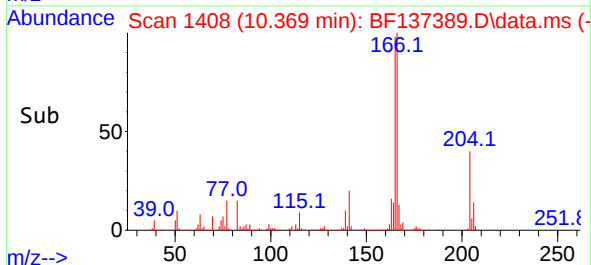
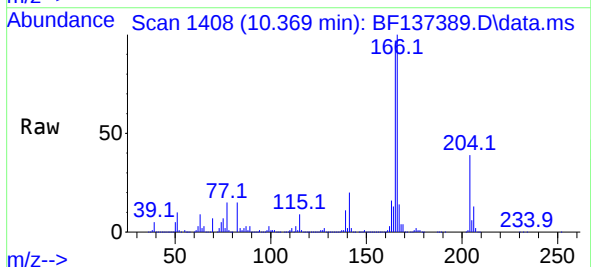
Manual Integrations
APPROVED

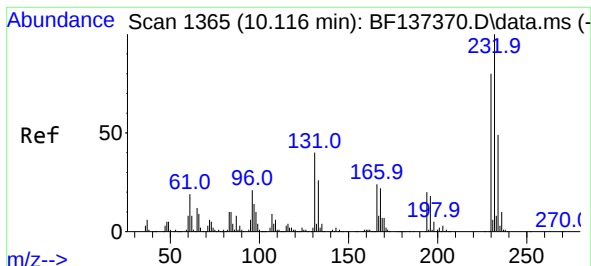
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#58
Fluorene
Concen: 41.443 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

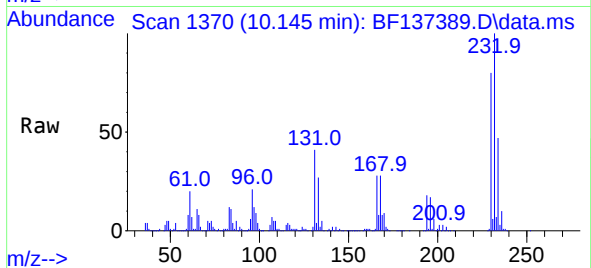
Tgt Ion:166 Resp: 1096522
Ion Ratio Lower Upper
166 100
165 97.4 78.8 118.2
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.279 ng m
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

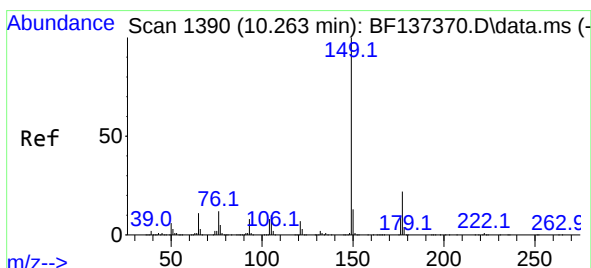
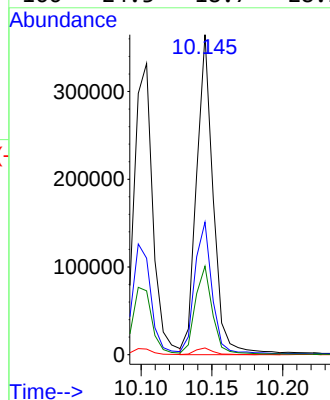
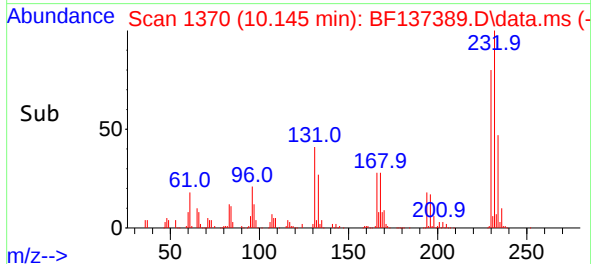
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:232 Resp: 301421
Ion Ratio Lower Upper
232 100
131 38.6 31.1 46.7
130 2.3 1.8 2.6
166 24.3 18.7 28.1

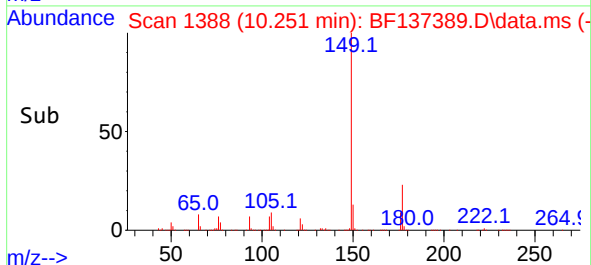
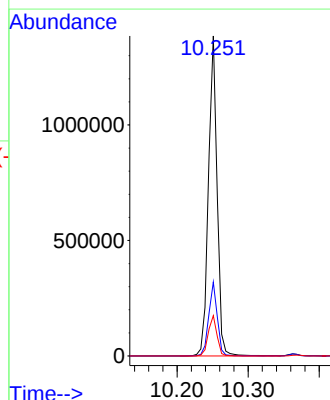
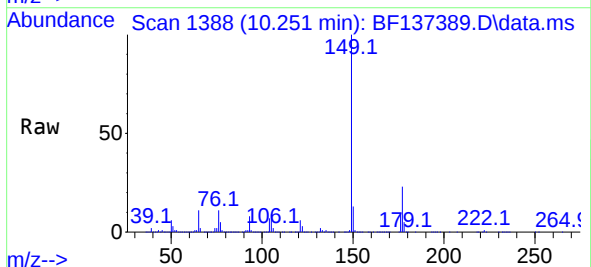
Manual Integrations
APPROVED

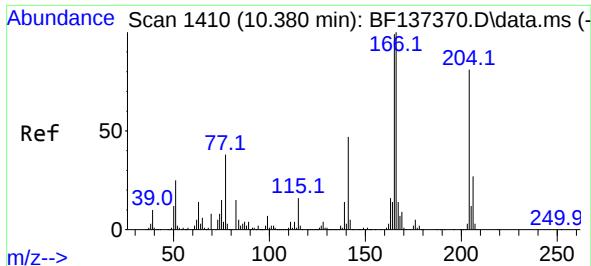
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#60
Diethylphthalate
Concen: 43.445 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

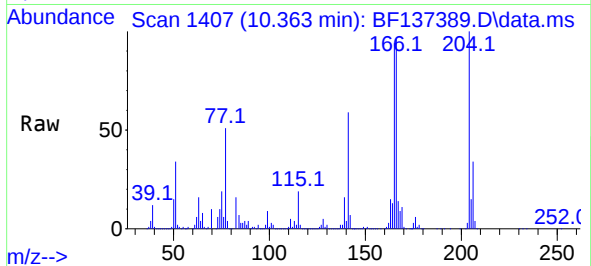
Tgt Ion:149 Resp: 1177776
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.413 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

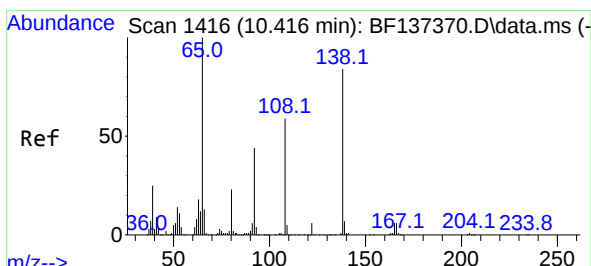
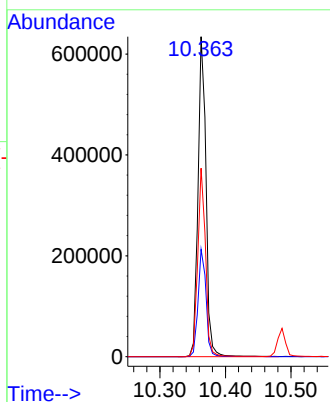
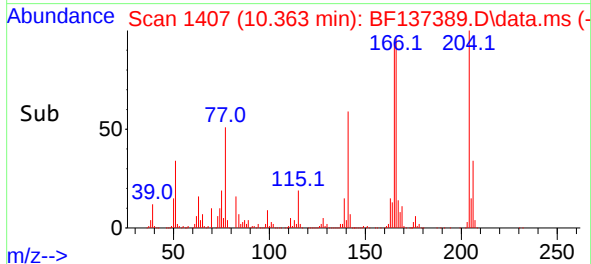
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



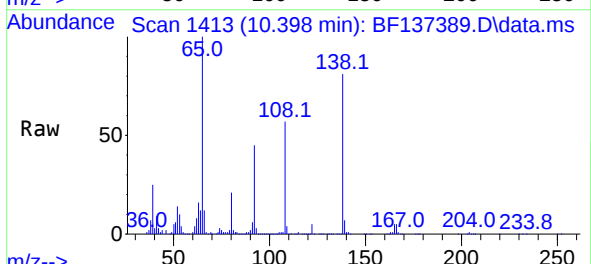
Tgt Ion:204 Resp: 53900
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 58.9 46.4 69.6

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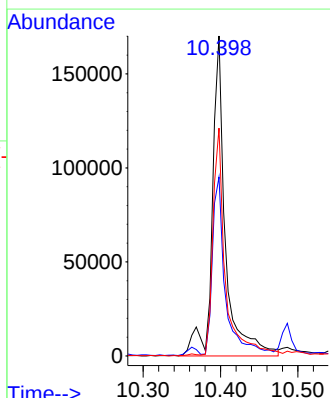
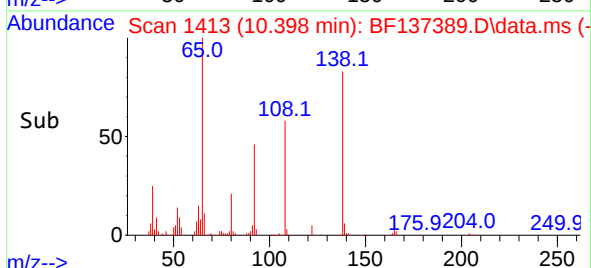
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

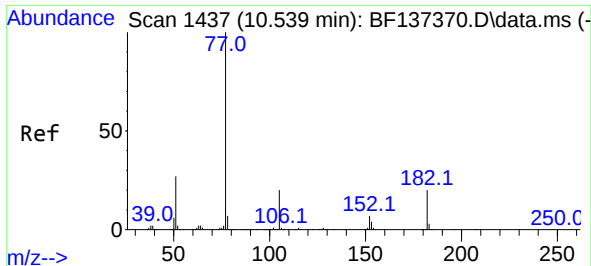


#62
4-Nitroaniline
Concen: 36.043 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



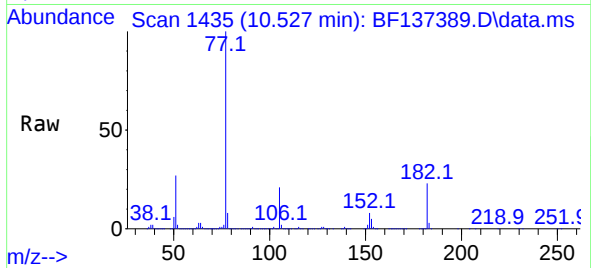
Tgt Ion:138 Resp: 202295
Ion Ratio Lower Upper
138 100
92 55.9 33.4 73.4
108 71.2 50.4 90.4





#63
Azobenzene
Concen: 41.842 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

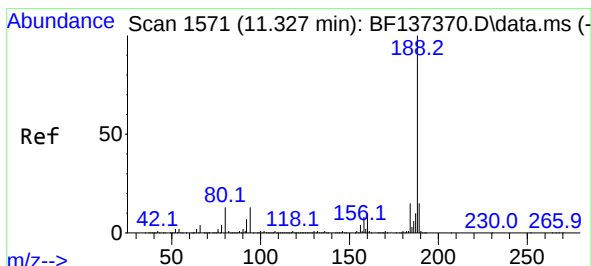
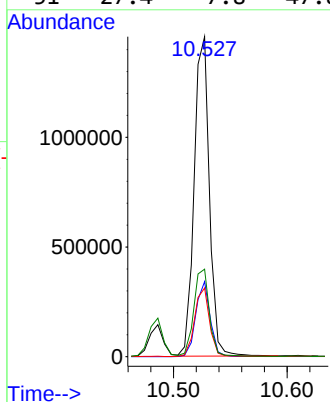
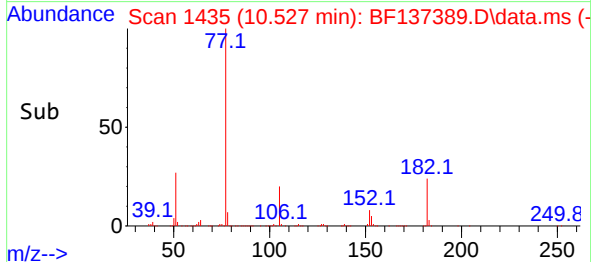
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion: 77 Resp: 1357140
Ion Ratio Lower Upper
77 100
182 23.4 0.0 39.6
105 21.4 0.4 40.4
51 27.4 7.8 47.8

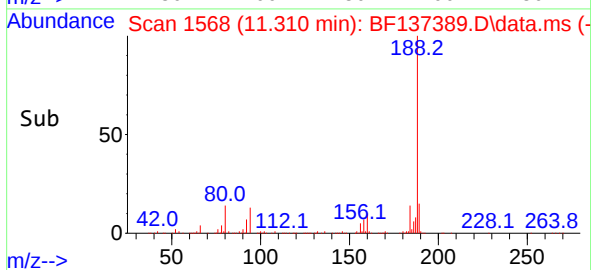
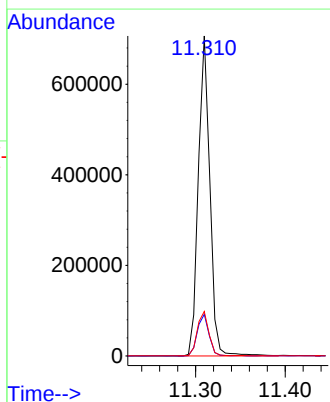
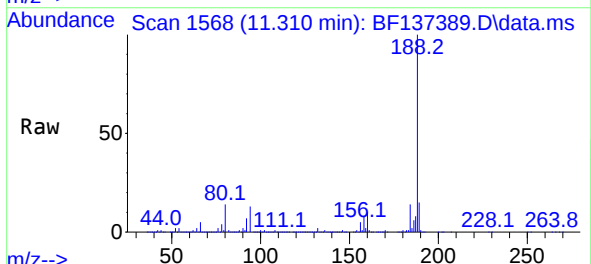
Manual Integrations
APPROVED

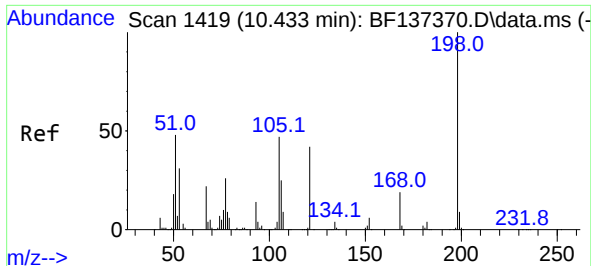
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

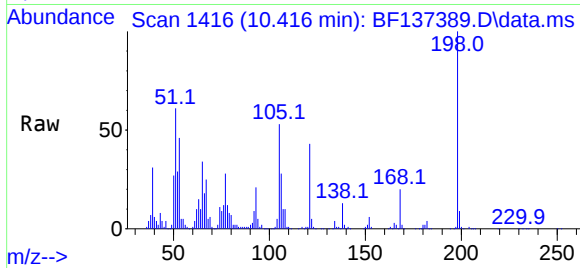
Tgt Ion:188 Resp: 629560
Ion Ratio Lower Upper
188 100
94 13.0 10.2 15.2
80 13.9 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.046 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.017 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

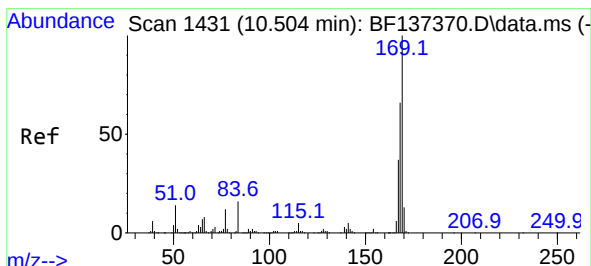
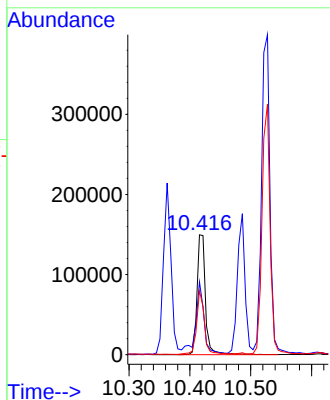
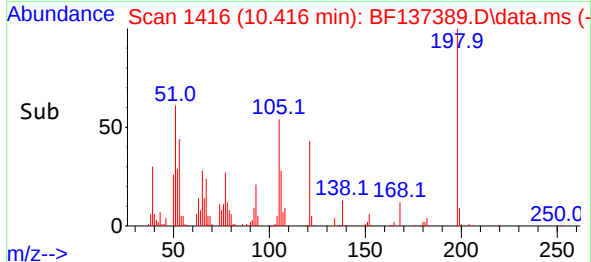
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



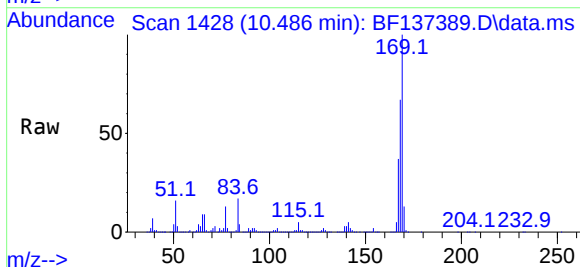
Tgt Ion:198 Resp: 144520
Ion Ratio Lower Upper
198 100
51 60.8 36.8 76.8
105 53.3 28.5 68.5

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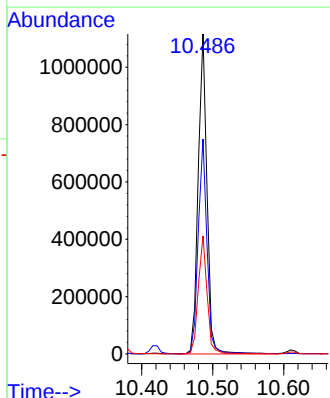
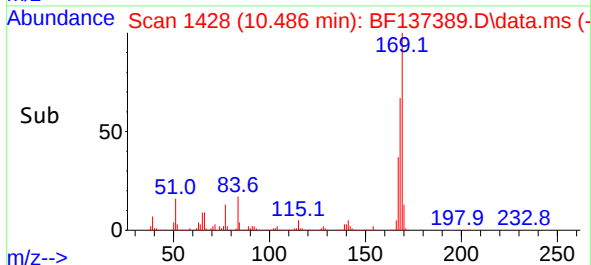
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

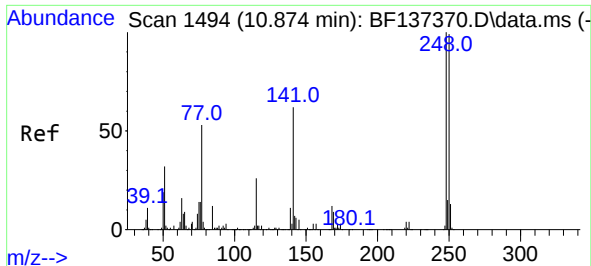


#66
n-Nitrosodiphenylamine
Concen: 47.102 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



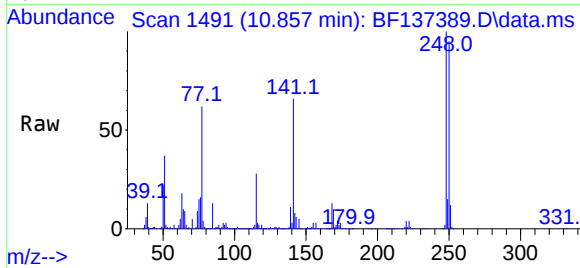
Tgt Ion:169 Resp: 963068
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.4
167 36.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.107 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

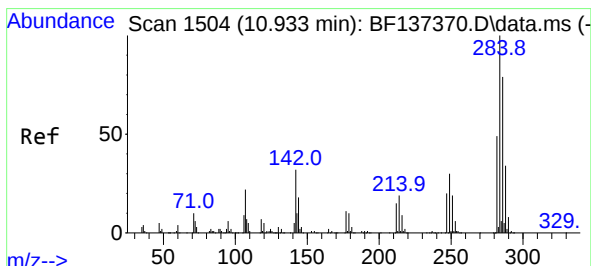
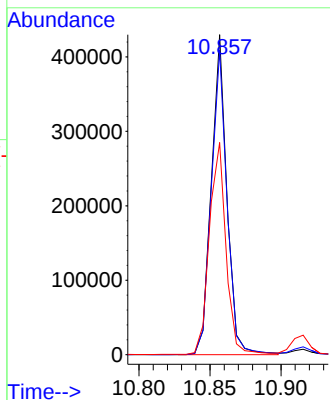
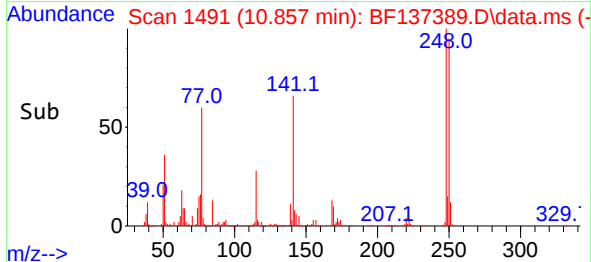
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



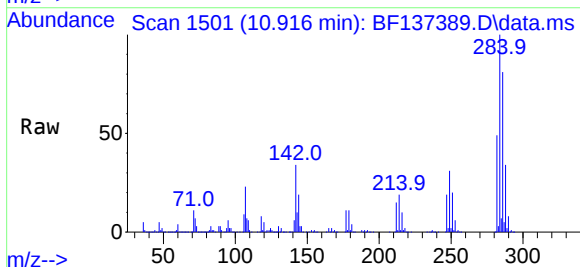
Tgt Ion:248 Resp: 32558
Ion Ratio Lower Upper
248 100
250 95.2 79.0 118.6
141 66.3 49.9 74.9

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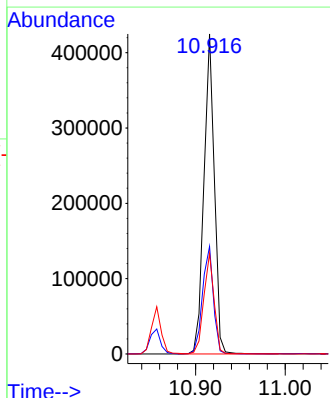
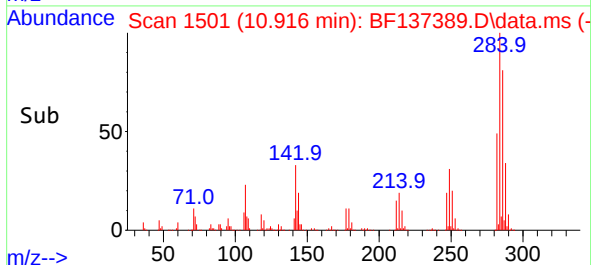
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

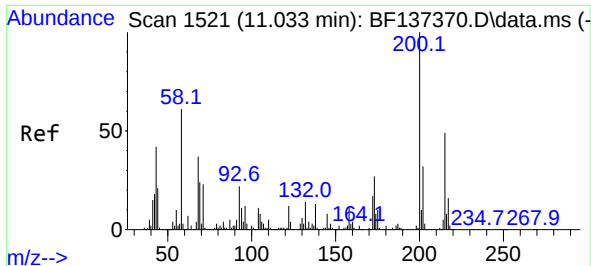


#68
Hexachlorobenzene
Concen: 48.977 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



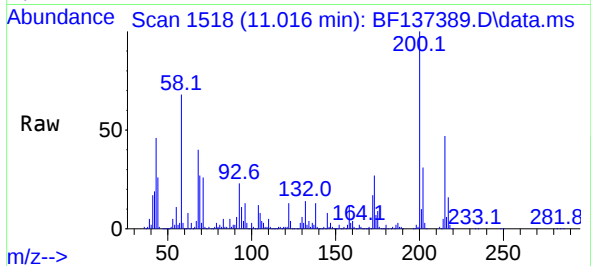
Tgt Ion:284 Resp: 342905
Ion Ratio Lower Upper
284 100
142 33.6 25.4 38.0
249 31.5 24.2 36.4





#69
Atrazine
Concen: 52.763 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

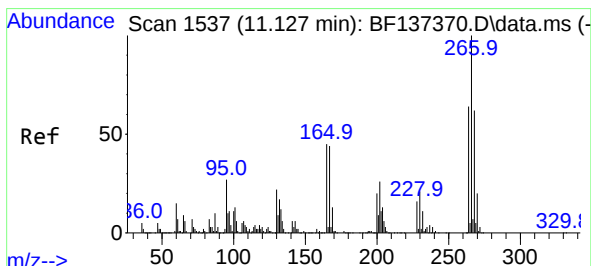
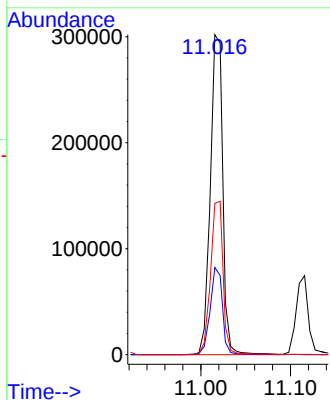
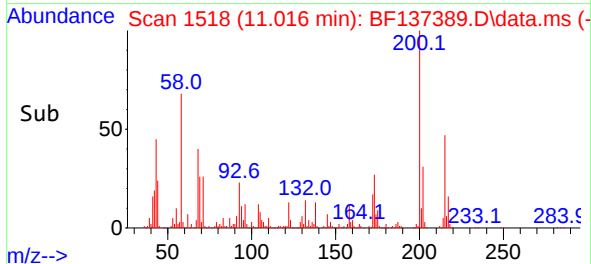
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



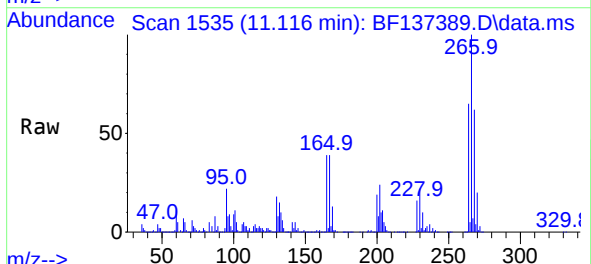
Tgt Ion:200 Resp: 291140
Ion Ratio Lower Upper
200 100
173 27.3 6.8 46.8
215 47.3 29.4 69.4

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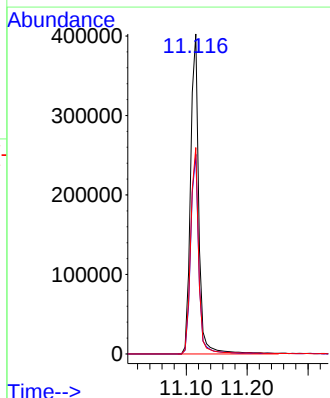
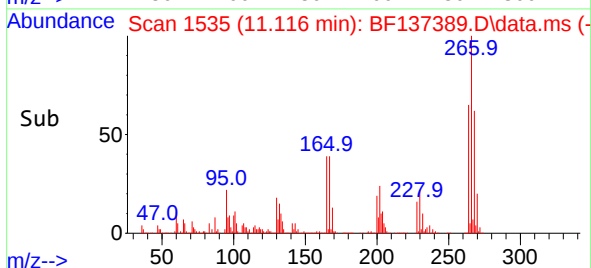
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

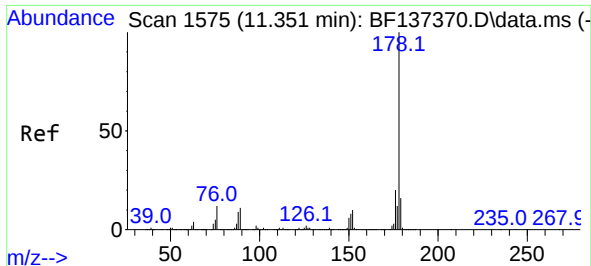


#70
Pentachlorophenol
Concen: 84.792 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



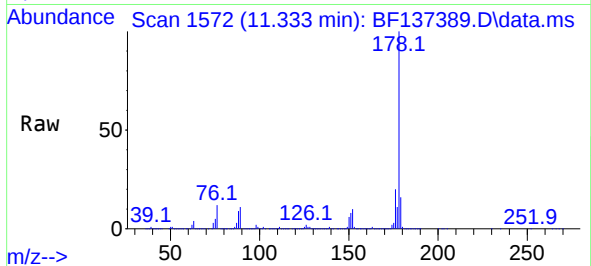
Tgt Ion:266 Resp: 376126
Ion Ratio Lower Upper
266 100
268 62.4 49.4 74.2
264 64.5 51.3 76.9





#71
Phenanthrene
Concen: 44.145 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

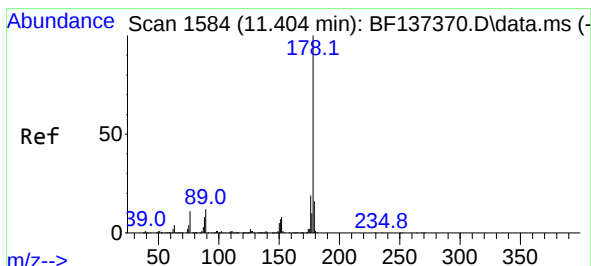
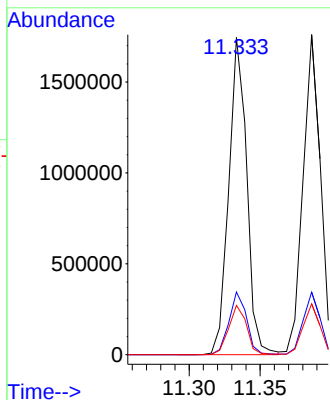
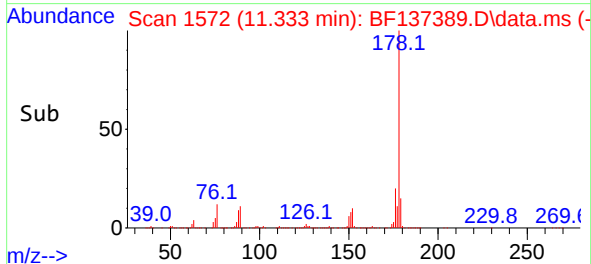
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:178 Resp: 1533300
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.5 12.7 19.1

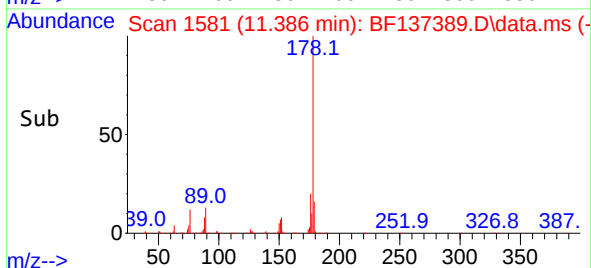
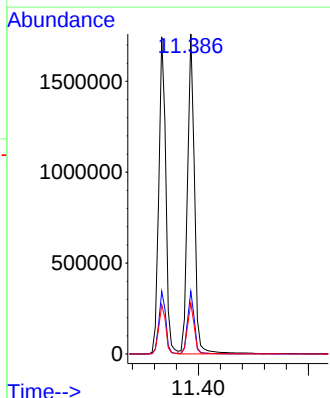
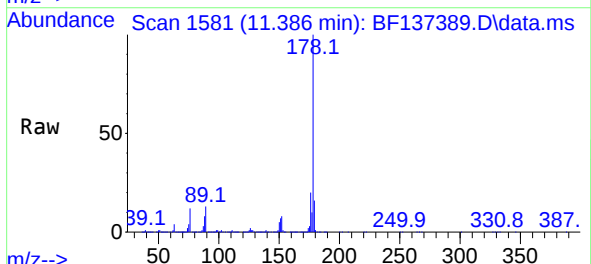
Manual Integrations
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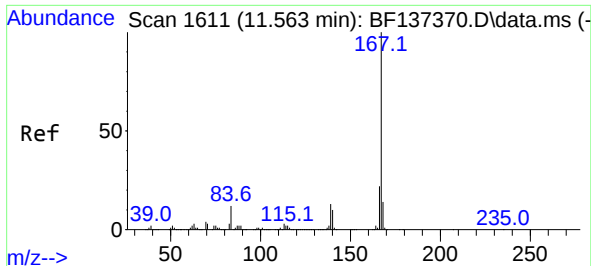
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#72
Anthracene
Concen: 43.425 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

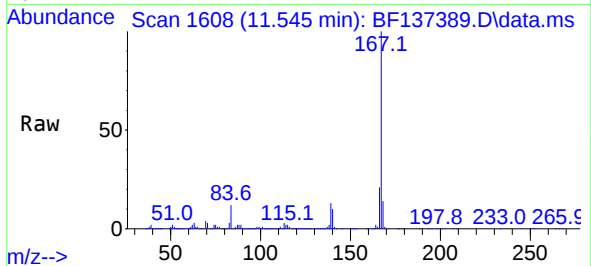
Tgt Ion:178 Resp: 1554411
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.6 18.8





#73
 Carbazole
 Concen: 41.729 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.018 min
 Lab File: BF137389.D
 Acq: 26 Feb 2024 17:05

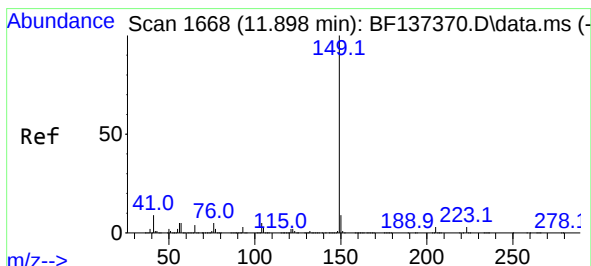
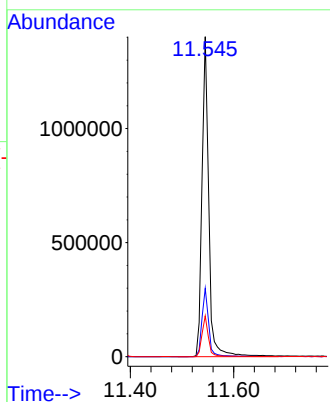
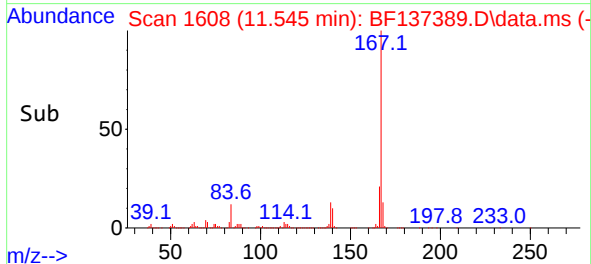
Instrument : BNA_F
 ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



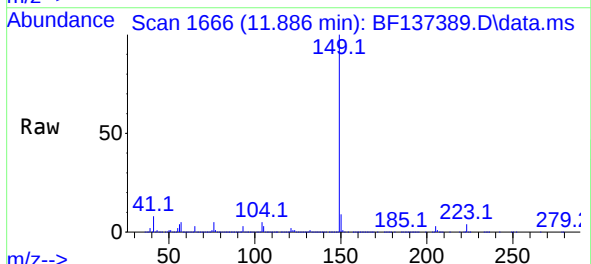
Tgt Ion:167 Resp: 127619
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 12.8 10.0 15.0

Manual Integrations
 APPROVED

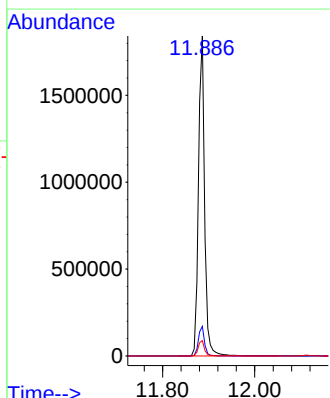
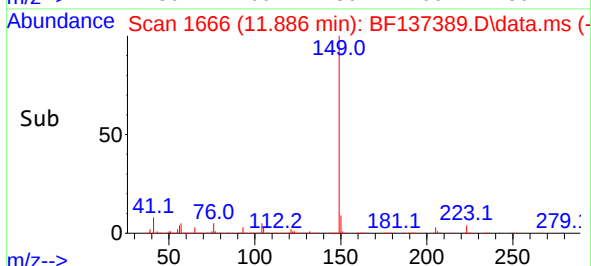
Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

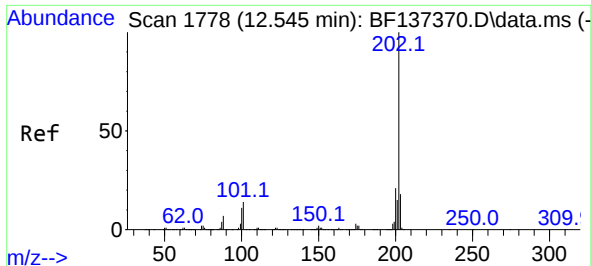


#74
 Di-n-butylphthalate
 Concen: 55.250 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF137389.D
 Acq: 26 Feb 2024 17:05



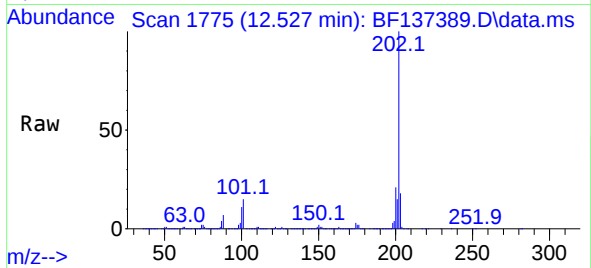
Tgt Ion:149 Resp: 1690741
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 39.115 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

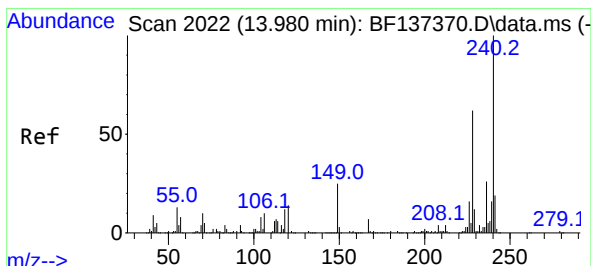
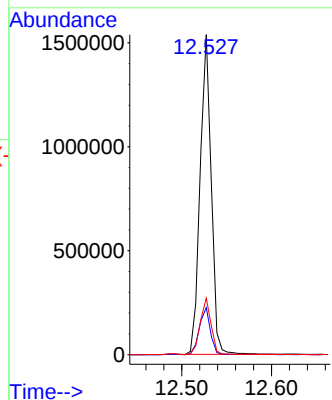
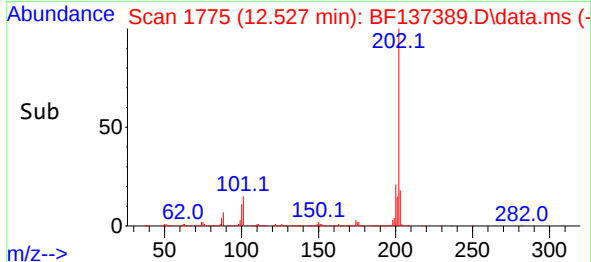
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:202 Resp: 1326189
Ion Ratio Lower Upper
202 100
101 14.7 0.0 33.9
203 17.7 0.0 37.8

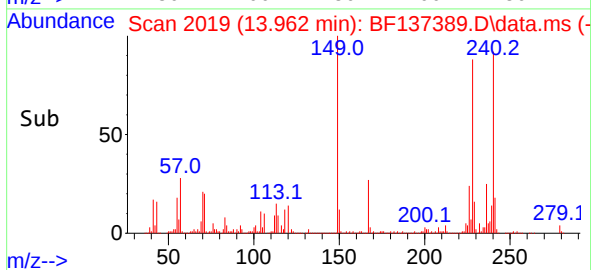
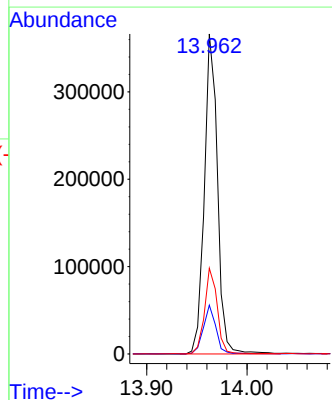
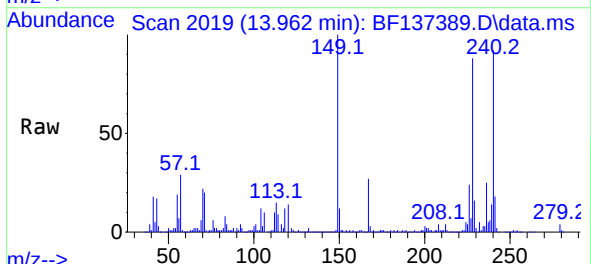
Manual Integrations
APPROVED

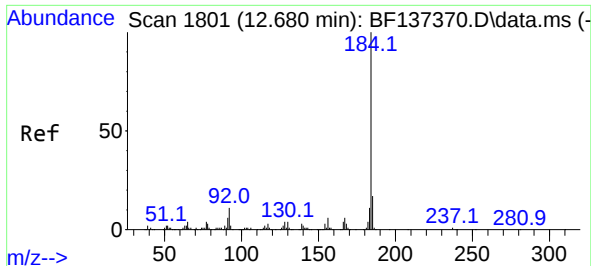
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

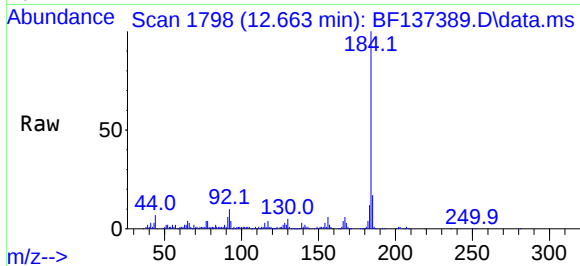
Tgt Ion:240 Resp: 335756
Ion Ratio Lower Upper
240 100
120 15.3 11.3 16.9
236 26.8 20.5 30.7





#77
Benzidine
Concen: 31.524 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

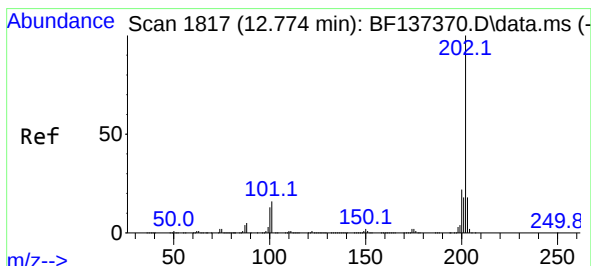
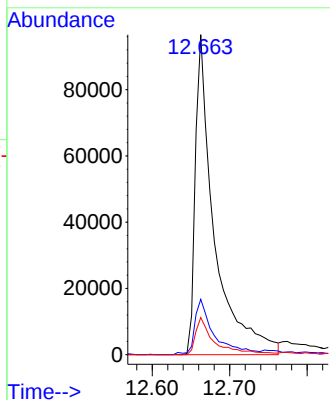
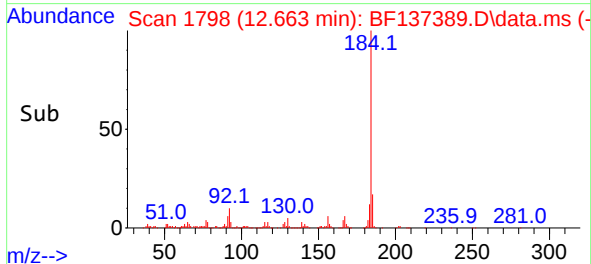
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:184 Resp: 164777
Ion Ratio Lower Upper
184 100
185 17.3 13.7 20.5
183 11.6 8.8 13.2

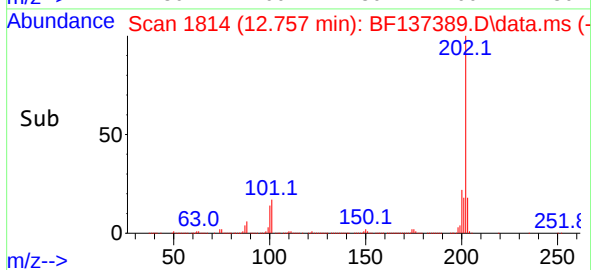
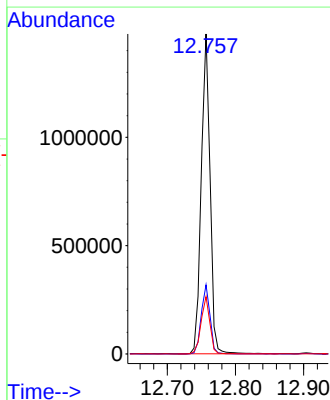
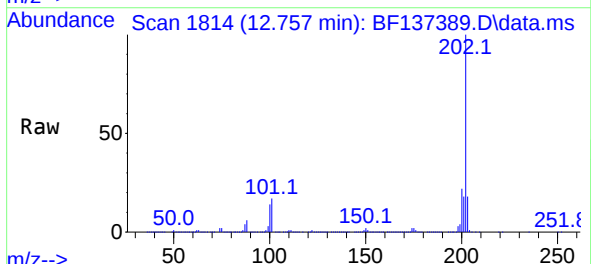
Manual Integrations
APPROVED

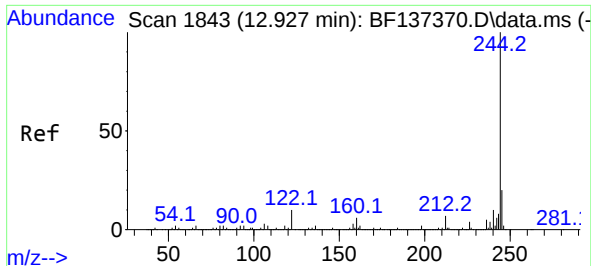
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#78
Pyrene
Concen: 41.843 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

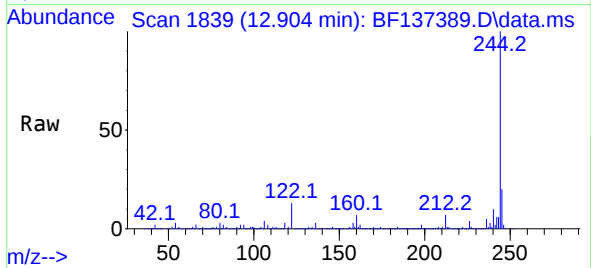
Tgt Ion:202 Resp: 1328430
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.2 21.2





#79
Terphenyl-d14
Concen: 49.506 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

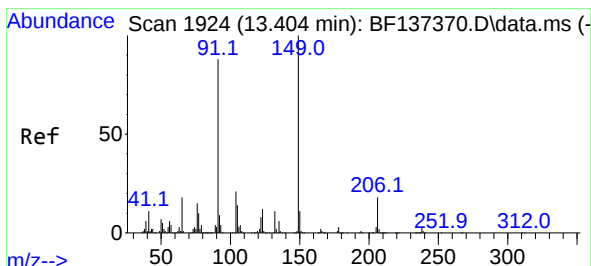
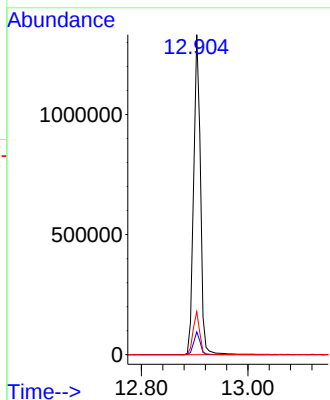
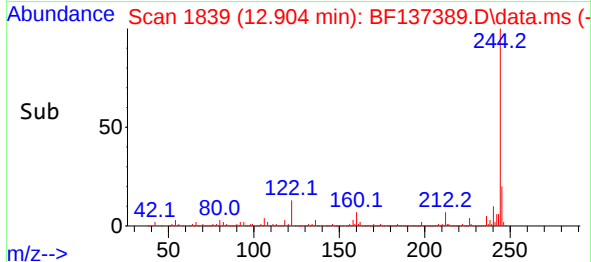
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:244 Resp: 1188388
Ion Ratio Lower Upper
244 100
212 7.1 5.3 7.9
122 13.5 8.2 12.4

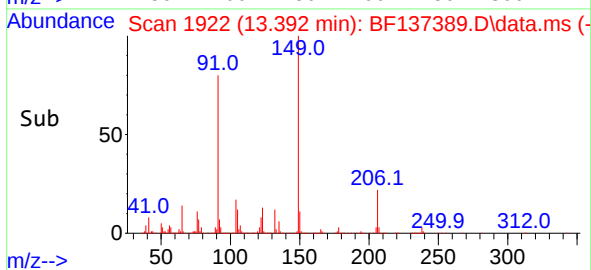
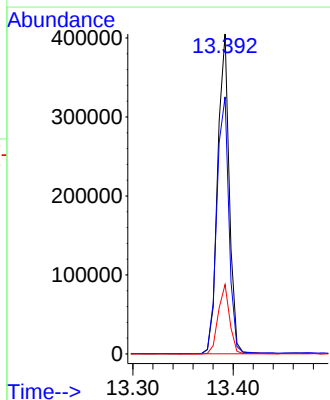
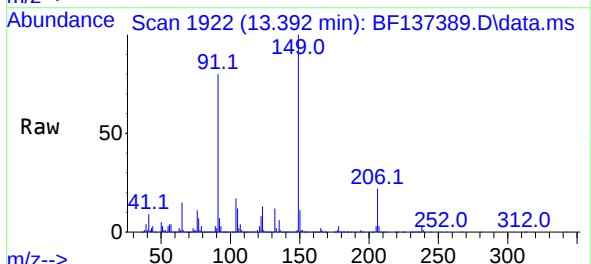
Manual Integrations
APPROVED

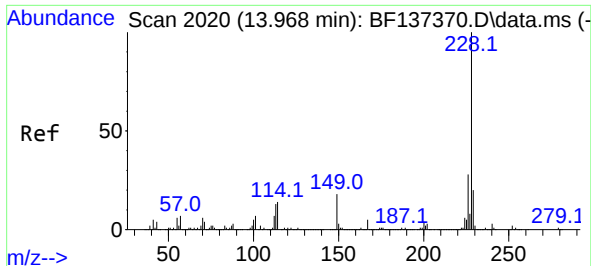
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#80
Butylbenzylphthalate
Concen: 62.348 ng
RT: 13.392 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

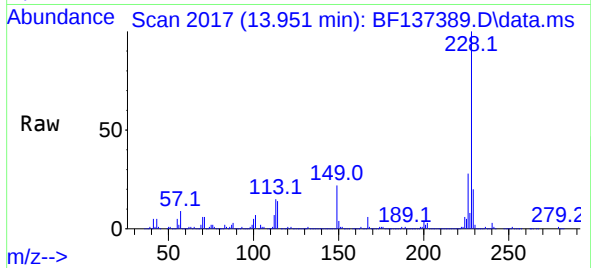
Tgt Ion:149 Resp: 323917
Ion Ratio Lower Upper
149 100
91 80.4 70.5 105.7
206 21.7 14.8 22.2





#81
Benzo(a)anthracene
Concen: 47.396 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

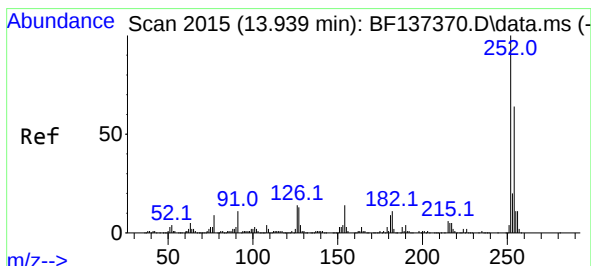
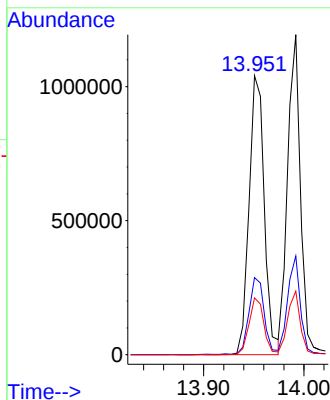
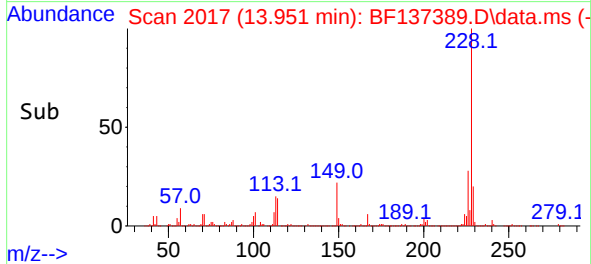
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



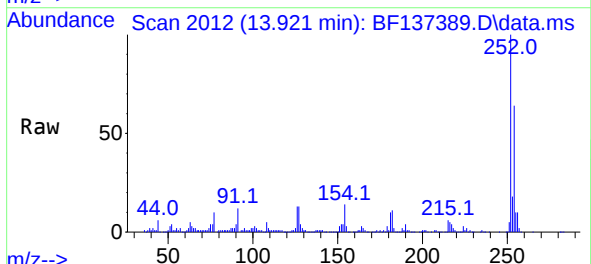
Tgt Ion:228 Resp: 1104254
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.4 15.7 23.5

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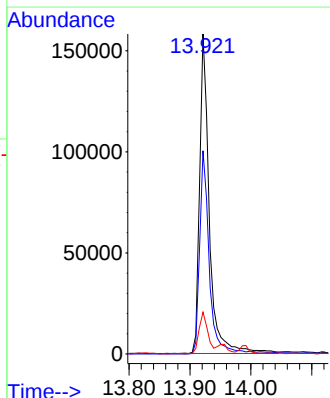
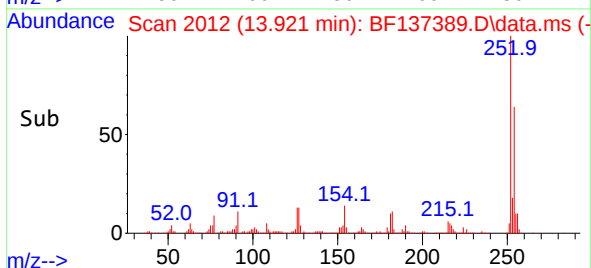
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

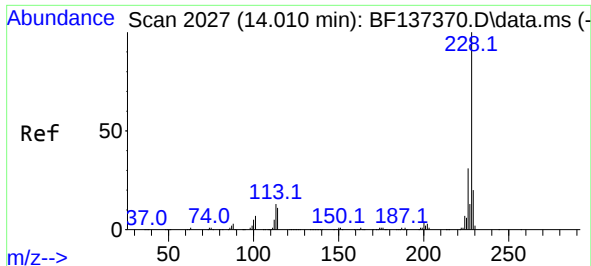


#82
3,3'-Dichlorobenzidine
Concen: 33.845 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



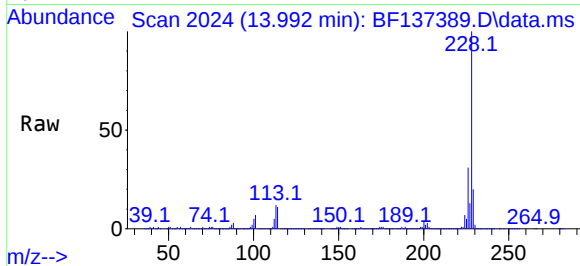
Tgt Ion:252 Resp: 174873
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 13.0 11.1 16.7





#83
Chrysene
Concen: 45.916 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

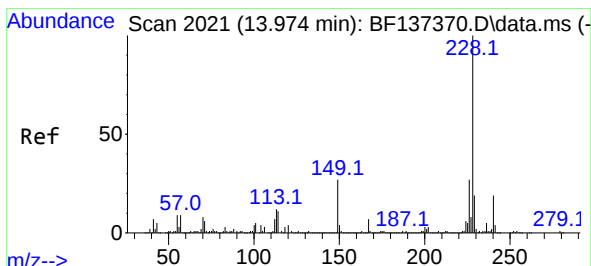
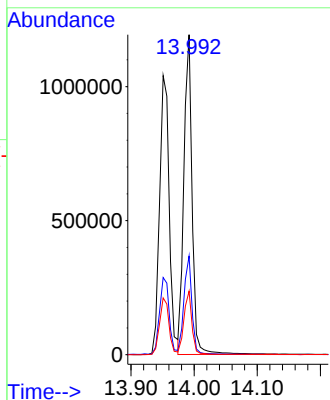
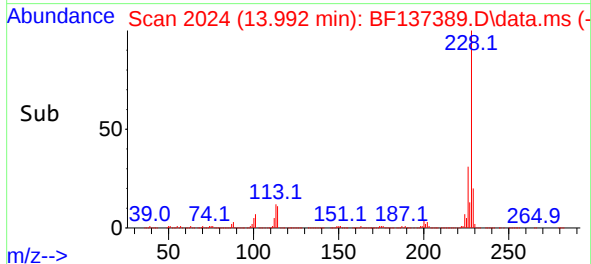
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



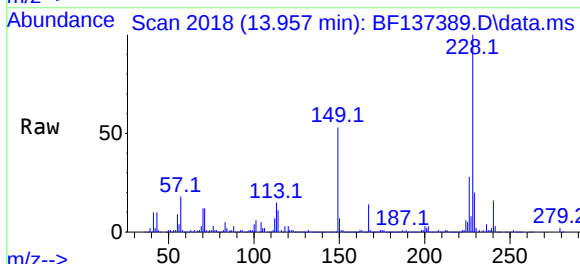
Tgt Ion:228 Resp: 1092824
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 15.8 23.8

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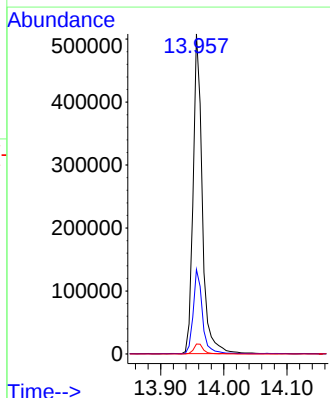
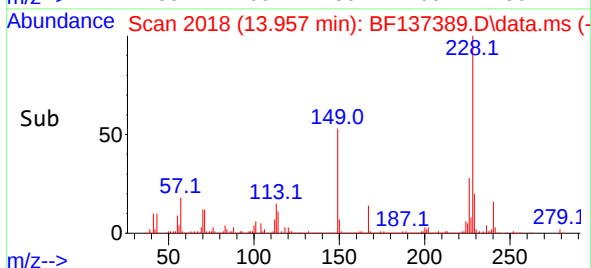
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

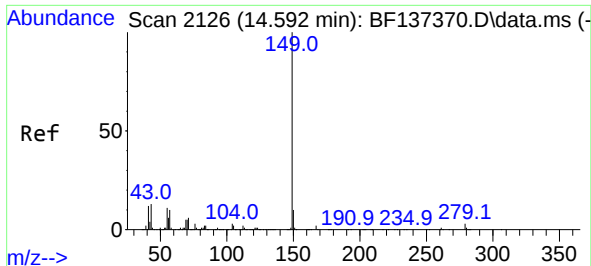


#84
Bis(2-ethylhexyl)phthalate
Concen: 73.053 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05



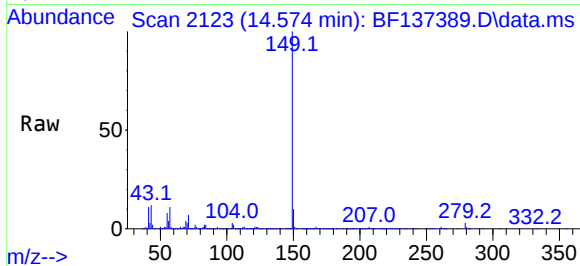
Tgt Ion:149 Resp: 513070
Ion Ratio Lower Upper
149 100
167 26.4 20.6 31.0
279 3.1 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 73.146 ng
RT: 14.574 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

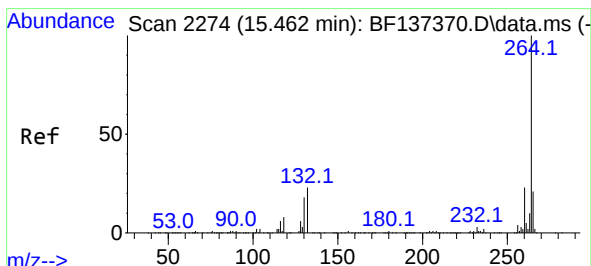
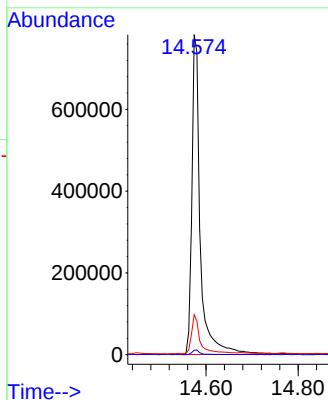
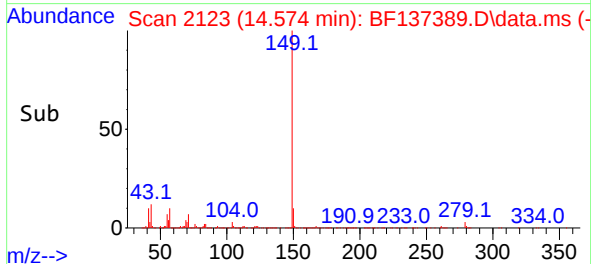
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:149 Resp: 99069
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.6 13.7 20.5

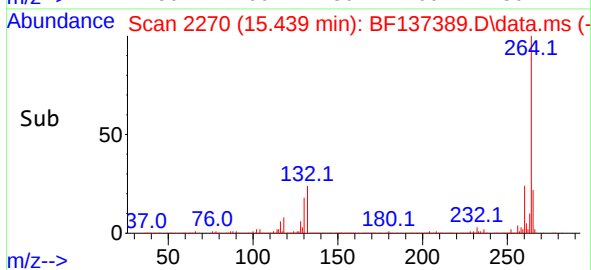
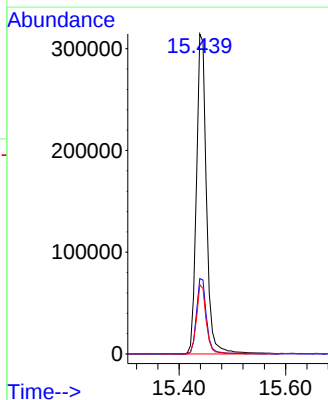
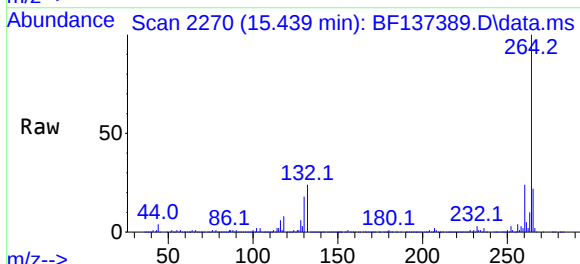
Manual Integrations
APPROVED

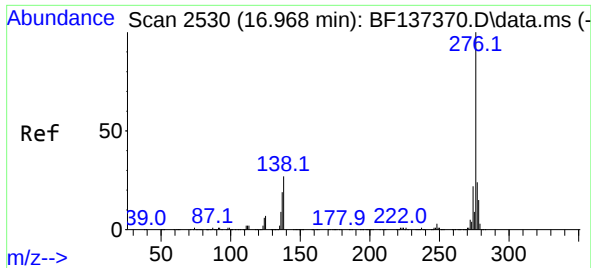
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

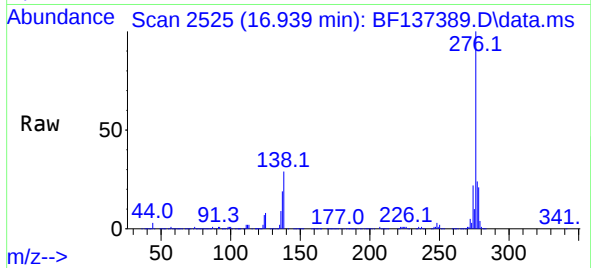
Tgt Ion:264 Resp: 412095
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.7 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.820 ng
RT: 16.939 min Scan# 2197
Delta R.T. -0.029 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

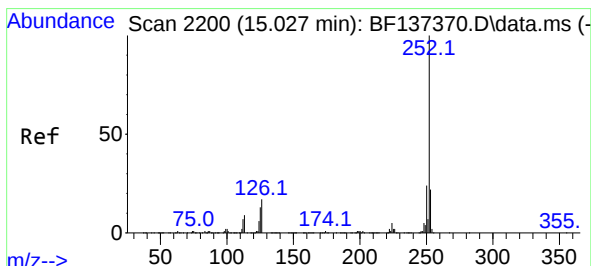
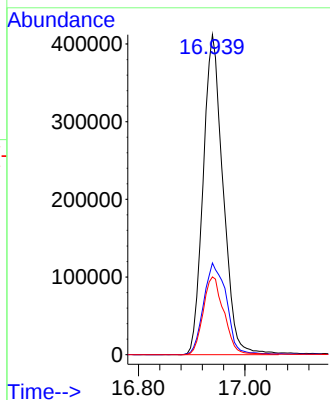
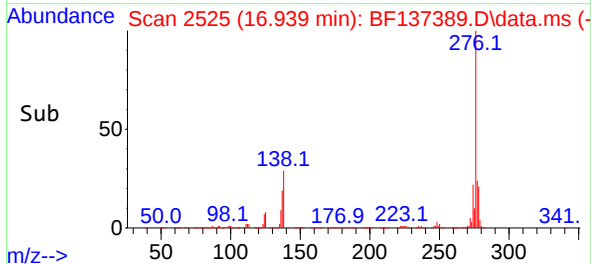
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:276 Resp: 106739
Ion Ratio Lower Upper
276 100
138 32.8 25.8 38.8
277 25.5 19.6 29.4

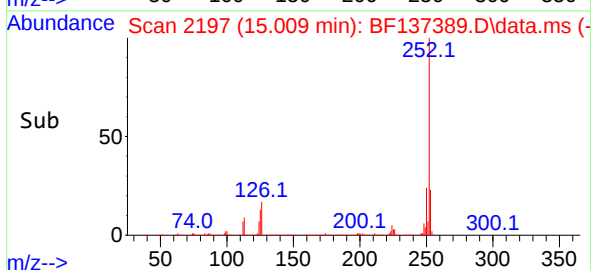
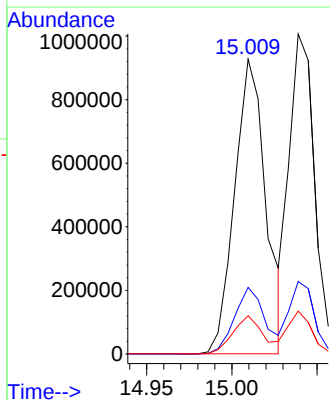
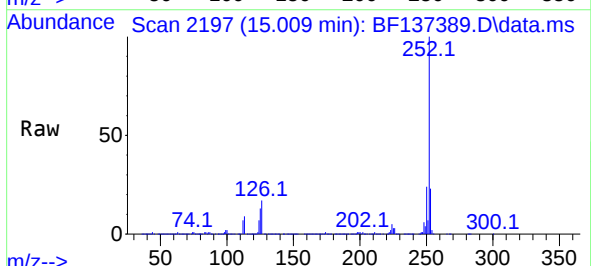
Manual Integrations
APPROVED

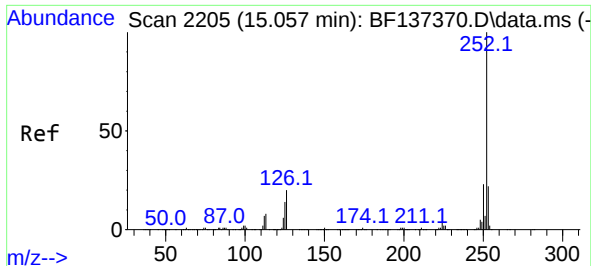
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#88
Benzo(b)fluoranthene
Concen: 46.801 ng
RT: 15.009 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

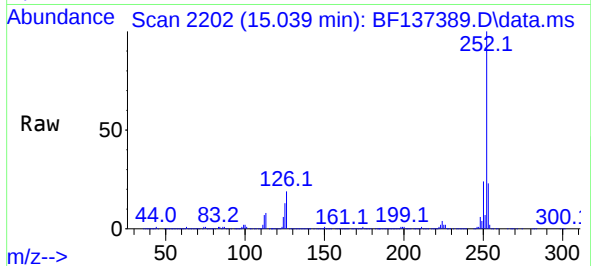
Tgt Ion:252 Resp: 1183134
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 13.0 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 40.874 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

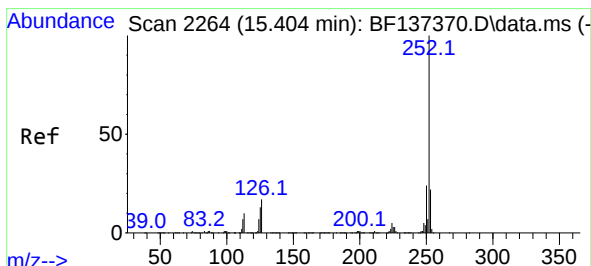
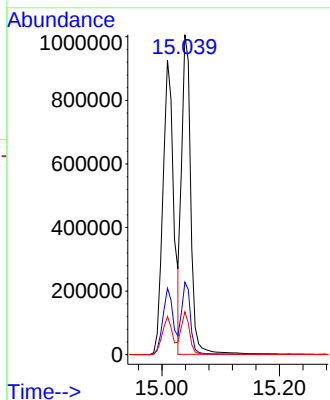
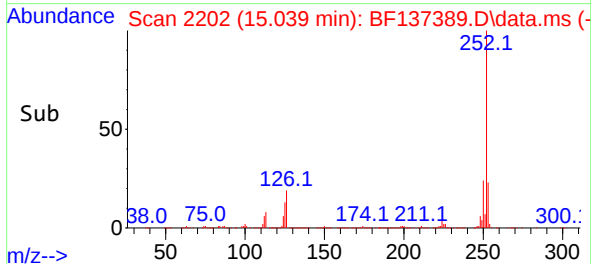
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:252 Resp: 1083009
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 13.4 10.7 16.1

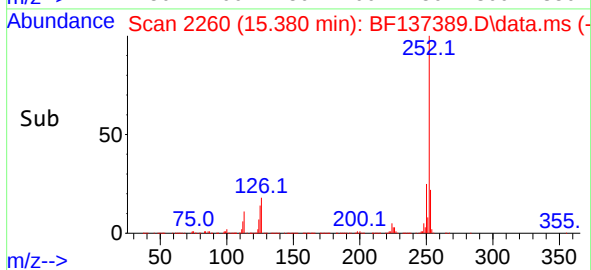
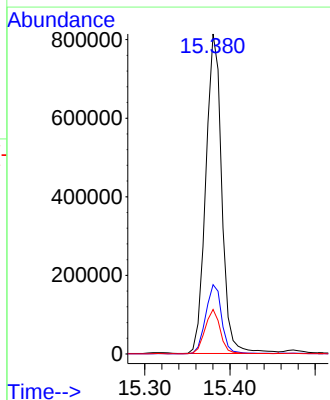
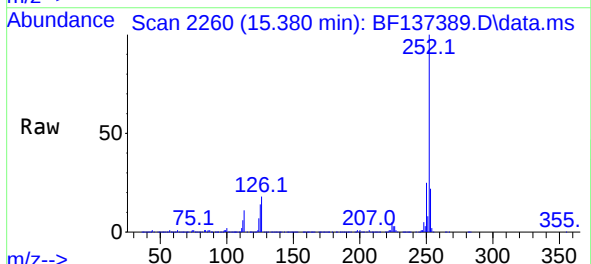
Manual Integrations
APPROVED

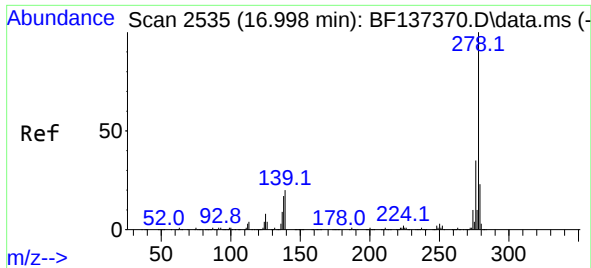
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024



#90
Benzo(a)pyrene
Concen: 44.210 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.024 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

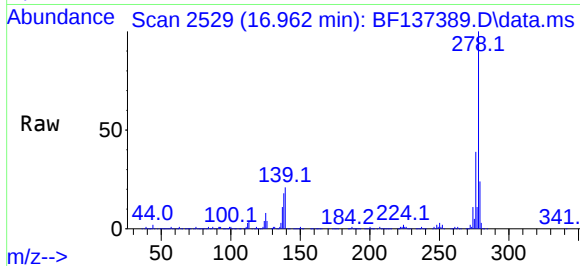
Tgt Ion:252 Resp: 1060101
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 13.9 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 37.663 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.036 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

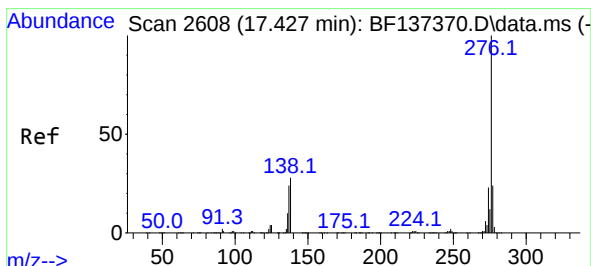
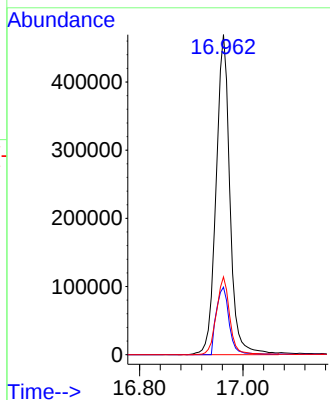
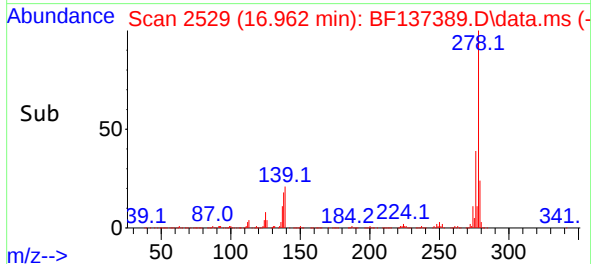
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MSD



Tgt Ion:278 Resp: 872594
Ion Ratio Lower Upper
278 100
139 21.1 16.2 24.4
279 24.3 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 33.696 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.035 min
Lab File: BF137389.D
Acq: 26 Feb 2024 17:05

Tgt Ion:276 Resp: 798886
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 27.1 22.6 33.8

