

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138572.D
 Acq On : 15 Jul 2024 17:11
 Operator : CG\JU
 Sample : P3115-17MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 17:42:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89714	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364454	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209646	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	350653	20.000	ng	0.00
76) Chrysene-d12	14.027	240	174506	20.000	ng	0.00
86) Perylene-d12	15.492	264	188279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	774917	136.799	ng	0.02
7) Phenol-d6	6.510	99	987055	130.985	ng	0.00
23) Nitrobenzene-d5	7.434	82	733319	98.790	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	296854	151.506	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1315163	98.045	ng	0.00
79) Terphenyl-d14	12.974	244	1142395	106.649	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	110316	43.971	ng	# 80
3) Pyridine	3.569	79	252536	40.817	ng	99
4) n-Nitrosodimethylamine	3.505	42	214925	53.363	ng	92
6) Aniline	6.534	93	201853	28.598	ng	# 69
8) 2-Chlorophenol	6.657	128	340196	56.796	ng	97
9) Benzaldehyde	6.422	77	20310	5.035	ng	99
10) Phenol	6.528	94	397751	49.727	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	338038	56.132	ng	99
12) 1,3-Dichlorobenzene	6.810	146	338150	50.224	ng	98
13) 1,4-Dichlorobenzene	6.887	146	344848	50.438	ng	99
14) 1,2-Dichlorobenzene	7.040	146	326765	51.315	ng	98
15) Benzyl Alcohol	7.016	79	329761	58.310	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	620632	52.406	ng	92
17) 2-Methylphenol	7.128	107	268457	54.687	ng	96
18) Hexachloroethane	7.375	117	124672	49.602	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	258984	55.620	ng	94
20) 3+4-Methylphenols	7.281	107	340687	55.113	ng	90
22) Acetophenone	7.281	105	446361	50.427	ng	99
24) Nitrobenzene	7.451	77	393633	52.182	ng	99
25) Isophorone	7.692	82	724744	56.853	ng	98
26) 2-Nitrophenol	7.769	139	187790	58.083	ng	97
27) 2,4-Dimethylphenol	7.804	122	248717	62.591	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	422640	55.476	ng	99
29) 2,4-Dichlorophenol	8.010	162	296209	57.403	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	304905	50.722	ng	98
31) Naphthalene	8.169	128	1000196	52.768	ng	99
32) Benzoic acid	7.945	122	203884	53.795	ng	95
33) 4-Chloroaniline	8.216	127	89786	13.501	ng	99
34) Hexachlorobutadiene	8.281	225	177407	47.926	ng	99
35) Caprolactam	8.610	113	80745	48.492	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	336245	58.204	ng	99
37) 2-Methylnaphthalene	8.863	142	665021	54.520	ng	100
38) 1-Methylnaphthalene	8.963	142	617078	51.836	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	290847	49.777	ng	98
41) Hexachlorocyclopentadiene	9.010	237	272942	143.917	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	212490	57.012	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	231569	56.489	ng	95
46) 1,1'-Biphenyl	9.328	154	801776	50.465	ng	99
47) 2-Chloronaphthalene	9.351	162	638889	53.229	ng	99
48) 2-Nitroaniline	9.451	65	243247	58.483	ng	95
49) Acenaphthylene	9.769	152	1016775	59.667	ng	99
50) Dimethylphthalate	9.634	163	802081	59.167	ng	100
51) 2,6-Dinitrotoluene	9.692	165	176203	56.453	ng	88
52) Acenaphthene	9.939	154	617413	54.506	ng	99
53) 3-Nitroaniline	9.863	138	84041	26.270	ng	98
54) 2,4-Dinitrophenol	9.975	184	194919	114.238	ng	93
55) Dibenzofuran	10.110	168	919865	55.987	ng	100
56) 4-Nitrophenol	10.039	139	217619	92.193	ng	88
57) 2,4-Dinitrotoluene	10.098	165	230570	57.093	ng	99
58) Fluorene	10.457	166	718164	55.242	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	195992	60.580	ng	99
60) Diethylphthalate	10.328	149	769165	58.856	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	359463	55.064	ng	98
62) 4-Nitroaniline	10.481	138	142250	44.374	ng	99
63) Azobenzene	10.604	77	794372	56.537	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	135887	67.115	ng	# 74
66) n-Nitrosodiphenylamine	10.569	169	623348	59.334	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	213490	59.236	ng	99
68) Hexachlorobenzene	10.998	284	235160	58.734	ng	98
69) Atrazine	11.092	200	138982	39.901	ng	98
70) Pentachlorophenol	11.198	266	258193	108.980	ng	98
71) Phenanthrene	11.416	178	1007789	56.888	ng	99
72) Anthracene	11.469	178	1025585	58.321	ng	99
73) Carbazole	11.622	167	799748	50.606	ng	99
74) Di-n-butylphthalate	11.945	149	1055718	57.955	ng	99
75) Fluoranthene	12.604	202	896046	49.569	ng	99
77) Benzidine	12.727	184	20858m	4.737	ng	
78) Pyrene	12.833	202	881651	49.769	ng	99
80) Butylbenzylphthalate	13.445	149	322761	60.568	ng	98
81) Benzo(a)anthracene	14.016	228	672877	57.465	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	56373	18.684	ng	# 98
83) Chrysene	14.057	228	639776	57.757	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	405938	71.425	ng	98
85) Di-n-octyl phthalate	14.610	149	703931	78.403	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	738486	58.393	ng	99
88) Benzo(b)fluoranthene	15.068	252	638310	60.199	ng	98
89) Benzo(k)fluoranthene	15.098	252	614017	59.375	ng	99
90) Benzo(a)pyrene	15.433	252	569248	61.114	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	607957	58.767	ng	100
92) Benzo(g,h,i)perylene	17.415	276	534717	48.744	ng	# 95

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

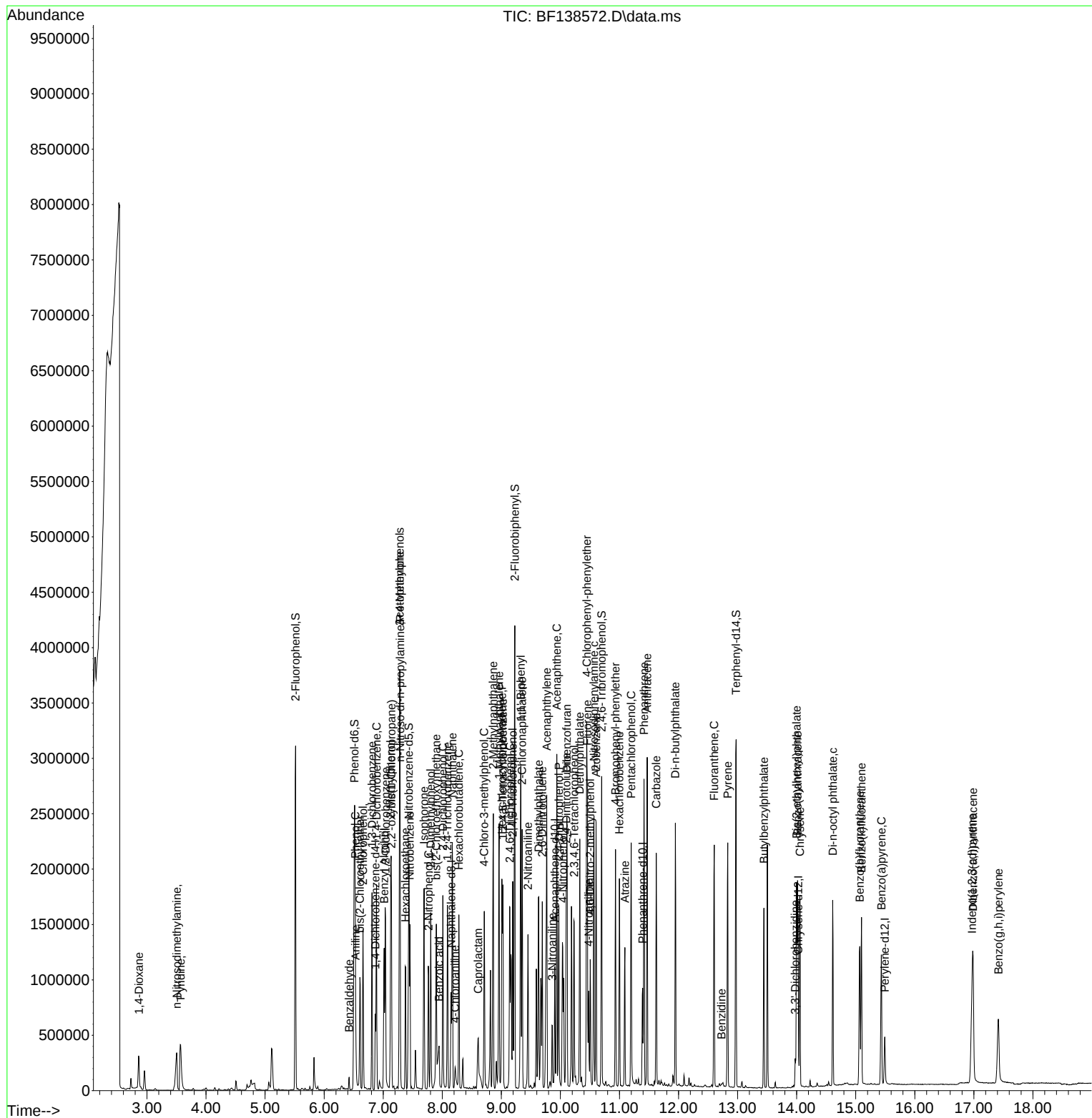
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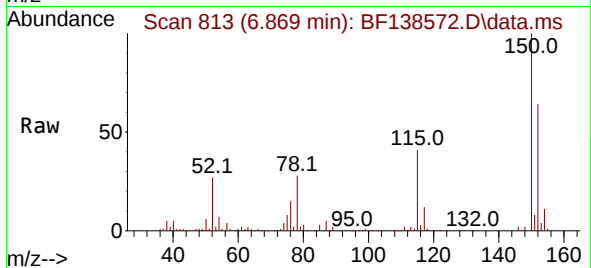
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

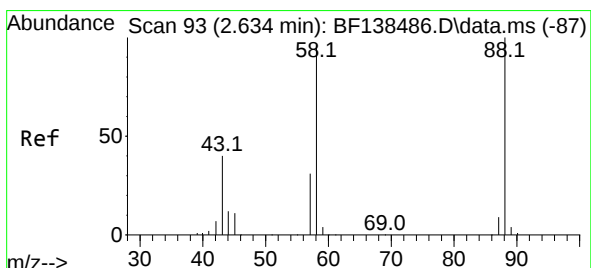
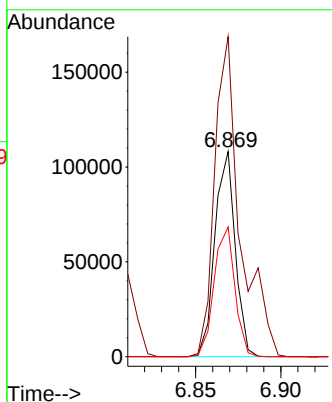
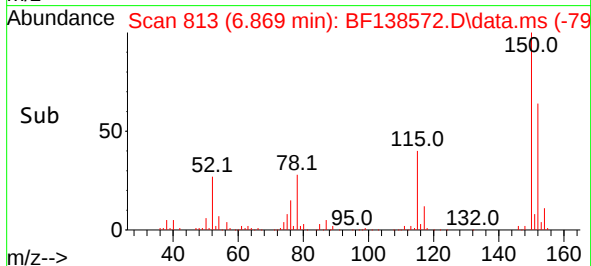
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:152 Resp: 89714
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 63.2 50.3 75.5

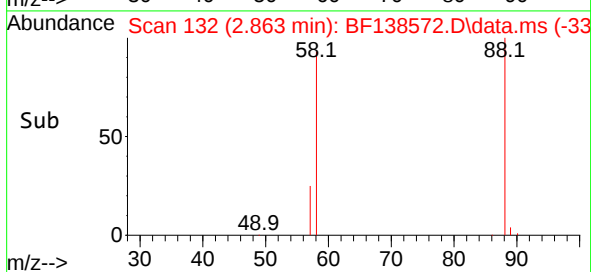
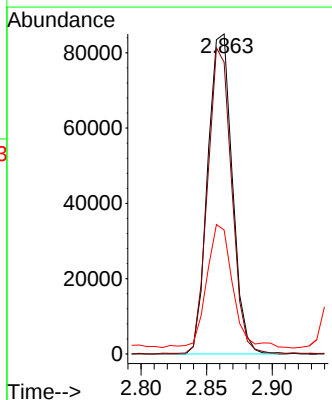
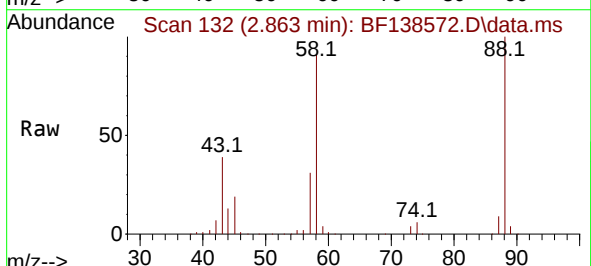
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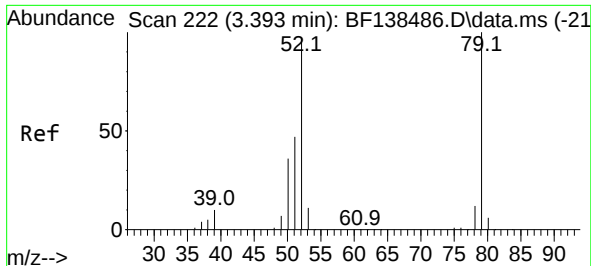
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#2
1,4-Dioxane
Concen: 43.971 ng
RT: 2.863 min Scan# 132
Delta R.T. 0.230 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion: 88 Resp: 110316
Ion Ratio Lower Upper
88 100
58 94.2 74.6 112.0
43 0.0 31.8 47.6#





#3

Pyridine

Concen: 40.817 ng

RT: 3.569 min Scan# 21

Delta R.T. 0.177 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

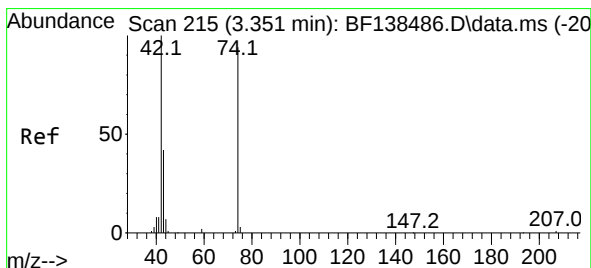
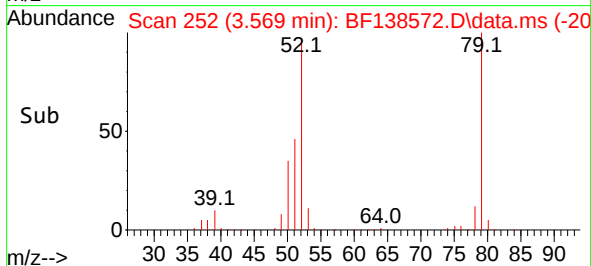
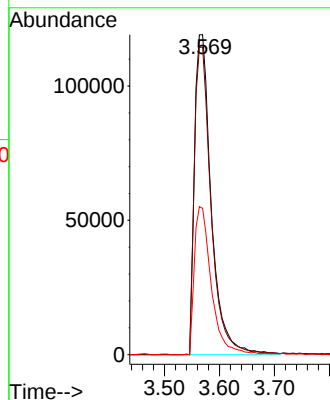
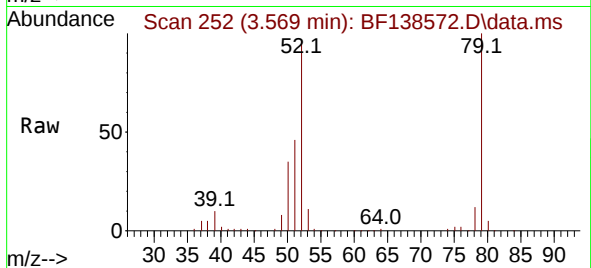
Tgt Ion: 79 Resp: 252530
 Ion Ratio Lower Upper
 79 100
 52 96.2 77.4 116.2
 51 45.8 37.4 56.0

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#4

n-Nitrosodimethylamine

Concen: 53.363 ng

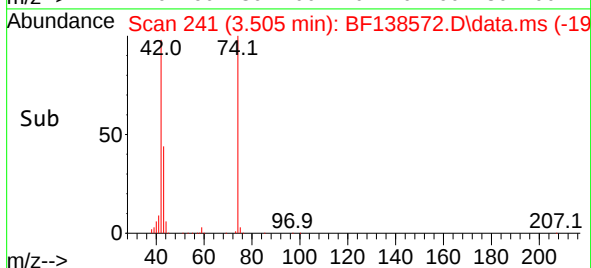
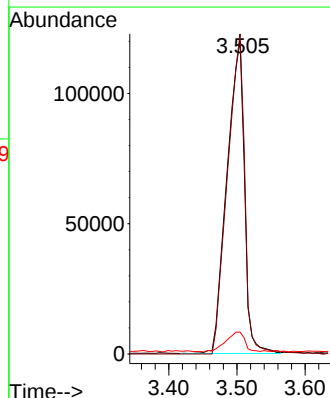
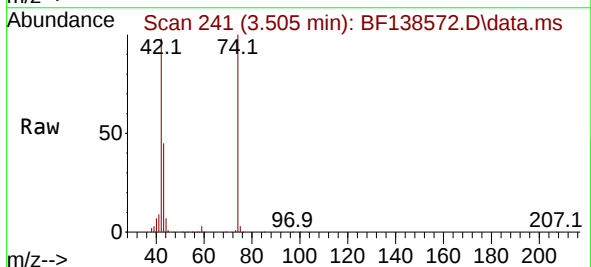
RT: 3.505 min Scan# 241

Delta R.T. 0.153 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Tgt Ion: 42 Resp: 214925
 Ion Ratio Lower Upper
 42 100
 74 102.2 75.0 112.6
 44 7.0 5.4 8.2





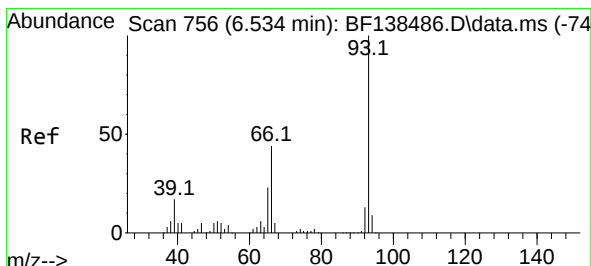
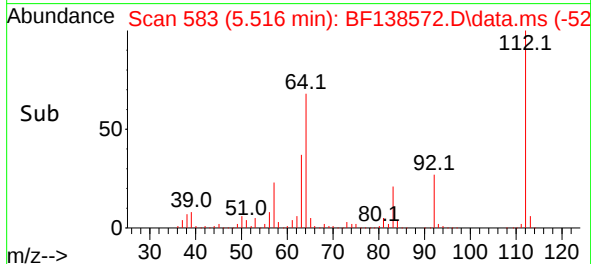
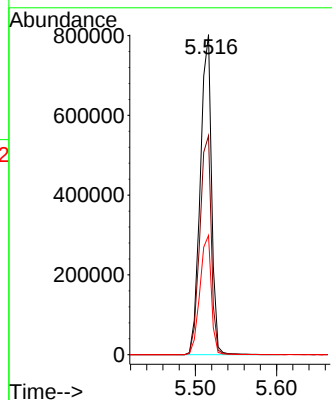
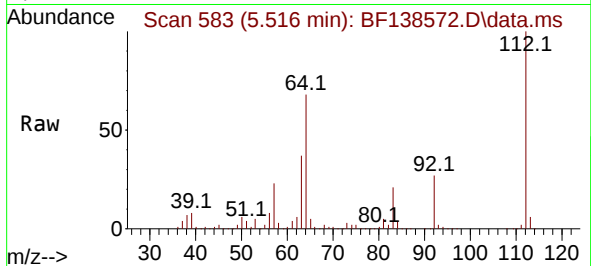
#5
2-Fluorophenol
Concen: 136.799 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
20071MSD

Tgt Ion:112 Resp: 77491
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 37.2 29.0 43.6

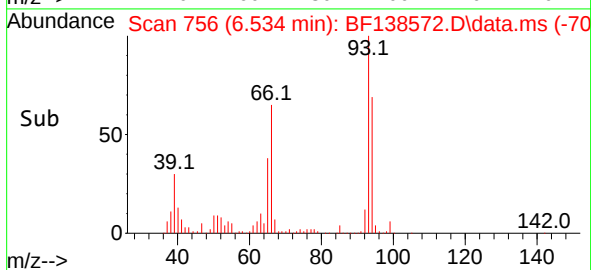
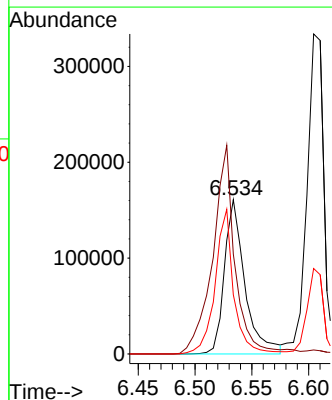
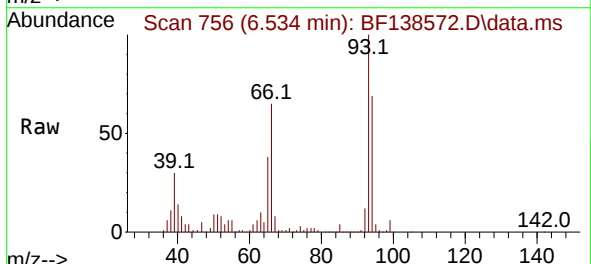
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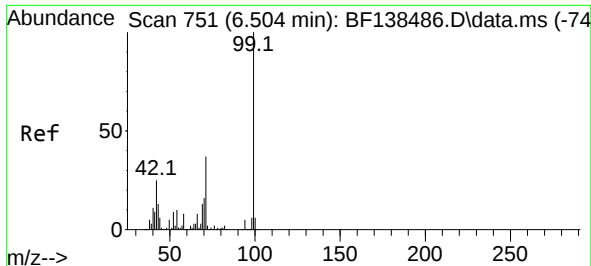
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#6
Aniline
Concen: 28.598 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

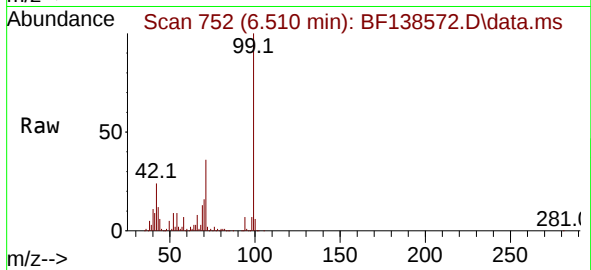
Tgt Ion: 93 Resp: 201853
Ion Ratio Lower Upper
93 100
66 64.7 35.4 53.0#
65 38.4 18.6 27.8#





#7
Phenol-d6
Concen: 130.985 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

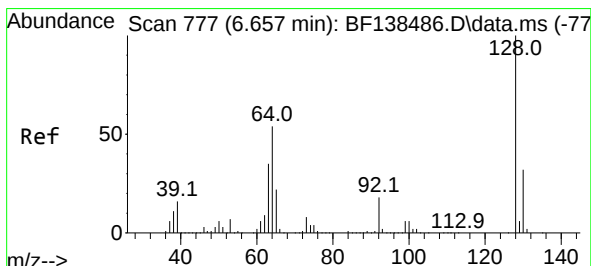
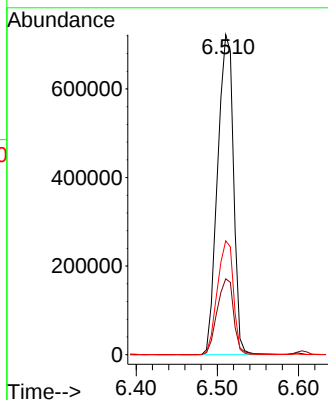
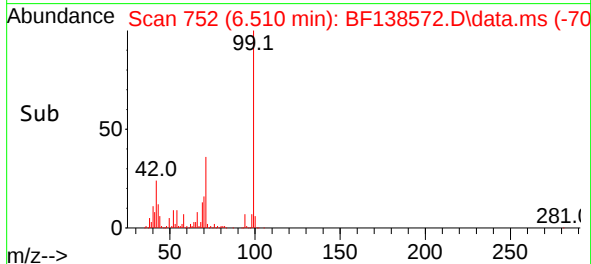
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Tgt Ion: 99 Resp: 98705
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 35.6 29.9 44.9

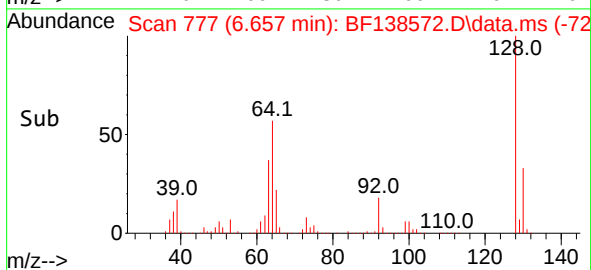
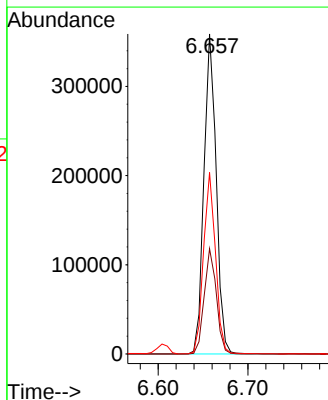
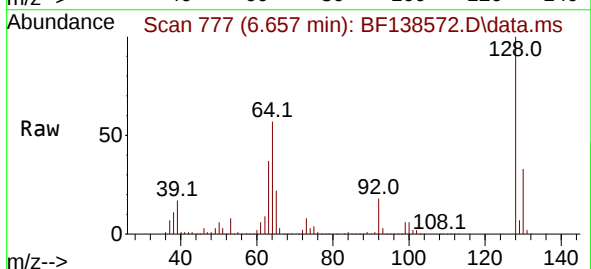
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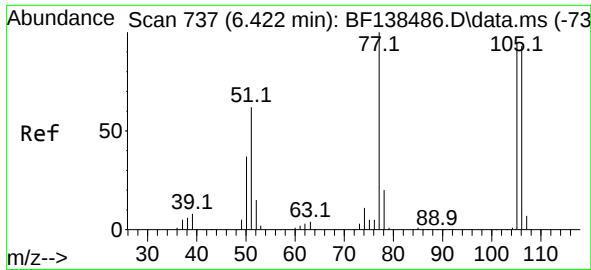
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#8
2-Chlorophenol
Concen: 56.796 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

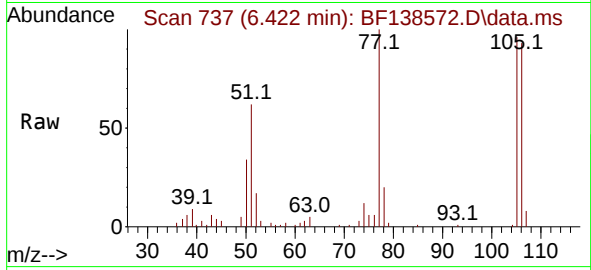
Tgt Ion:128 Resp: 340196
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 56.7 34.4 74.4





#9
Benzaldehyde
Concen: 5.035 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

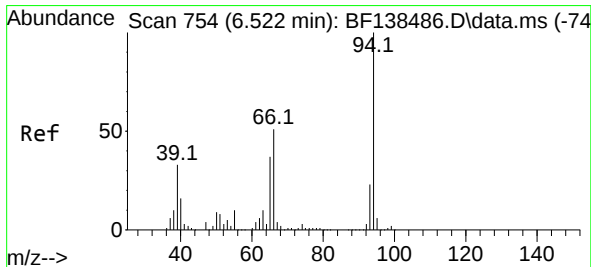
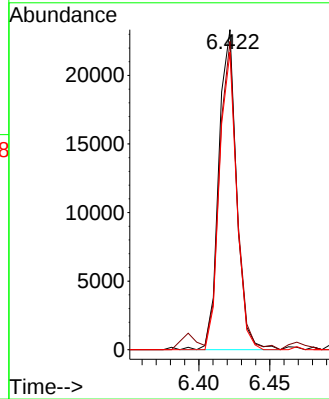
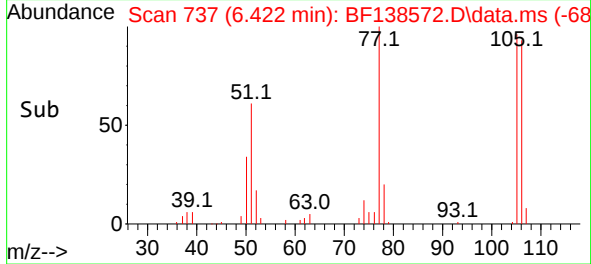
Instrument :
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Tgt Ion: 77 Resp: 20310
Ion Ratio Lower Upper
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105 96.4 75.1 115.1
106 93.0 73.2 113.2

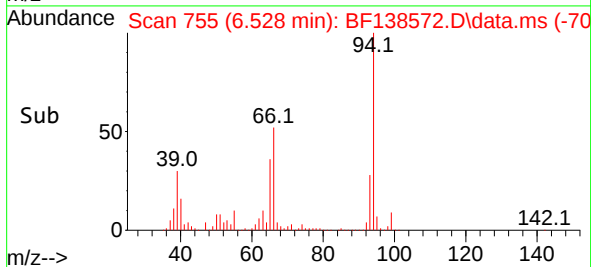
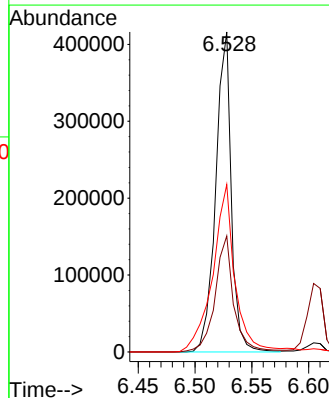
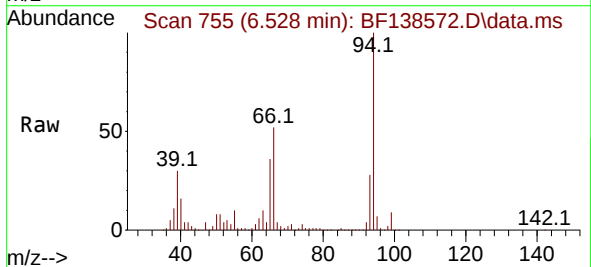
Manual Integrations
APPROVED

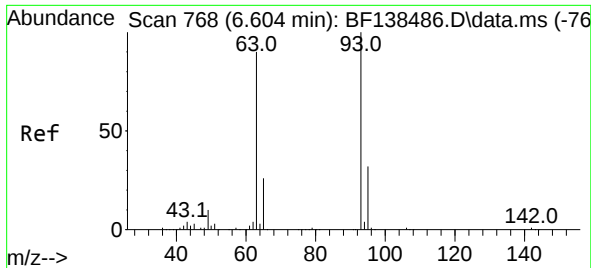
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Phenol
Concen: 49.727 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion: 94 Resp: 397751
Ion Ratio Lower Upper
94 100
65 36.3 16.7 56.7
66 52.3 31.2 71.2





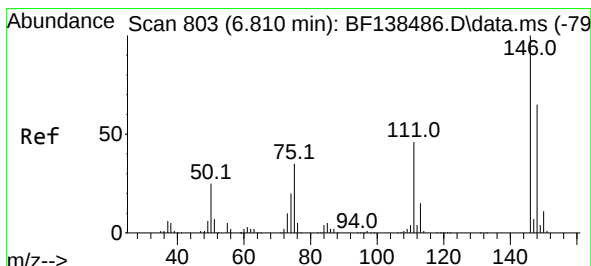
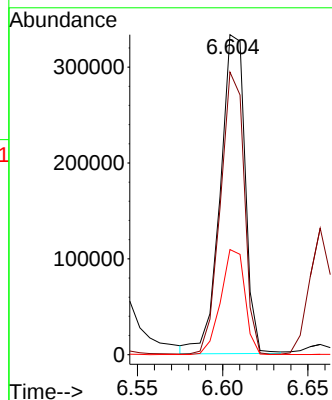
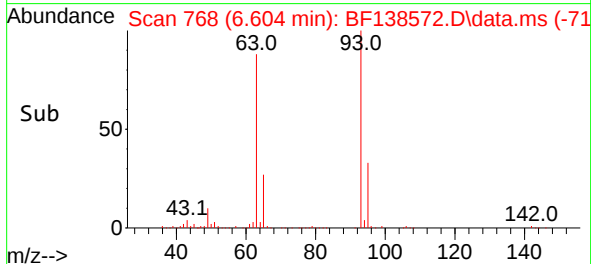
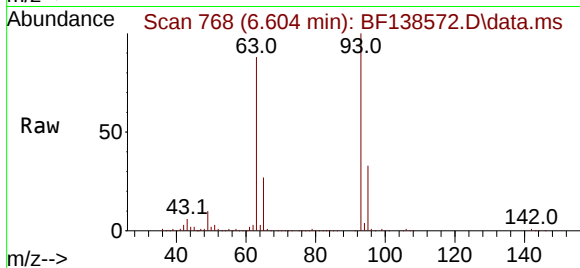
#11
bis(2-Chloroethyl)ether
Concen: 56.132 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
20071MSD

Tgt Ion: 93 Resp: 338038
Ion Ratio Lower Upper
93 100
63 88.3 68.8 108.8
95 32.9 11.8 51.8

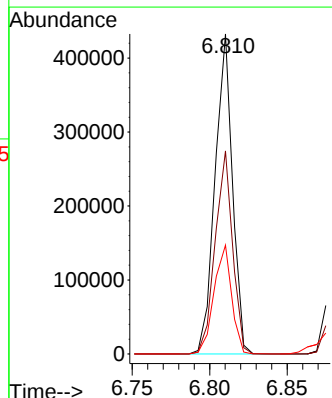
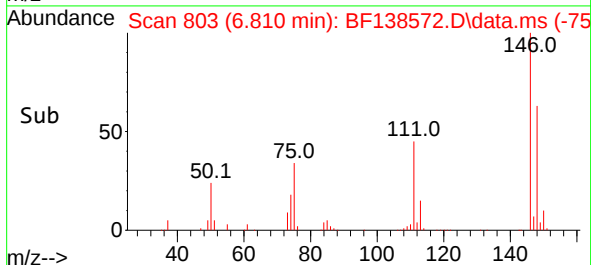
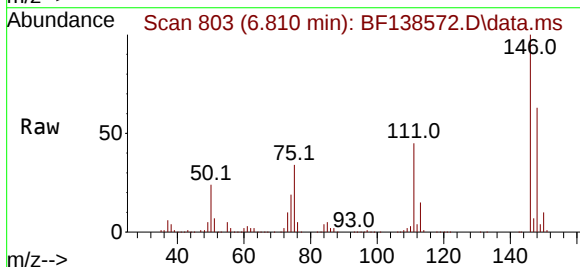
Manual Integrations
APPROVED

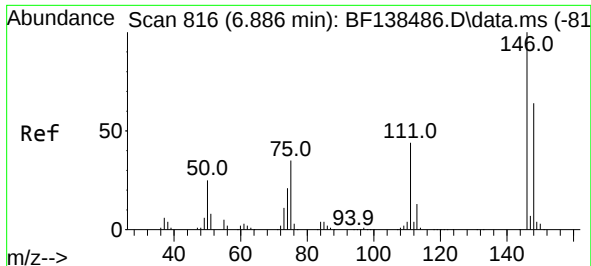
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#12
1,3-Dichlorobenzene
Concen: 50.224 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

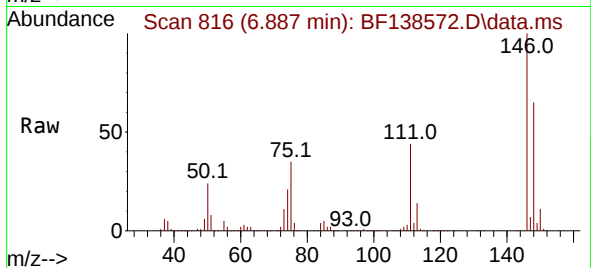
Tgt Ion:146 Resp: 338150
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
75 34.0 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 50.438 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

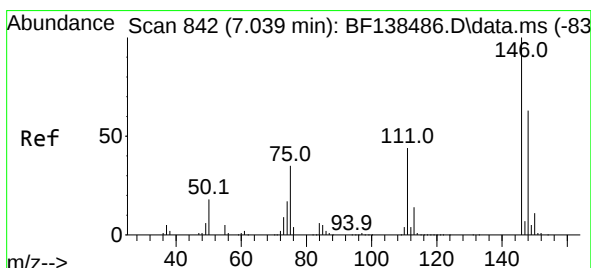
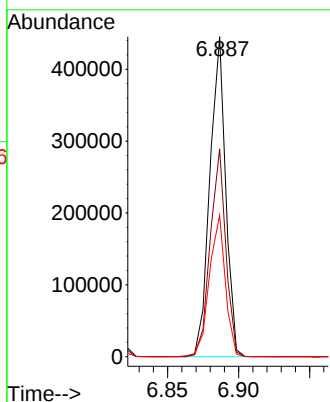
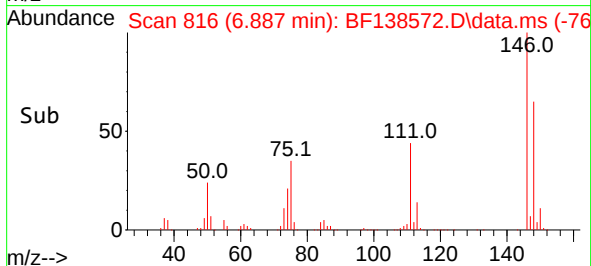
Instrument :
BNA_F
ClientSampleId :
20071MSD



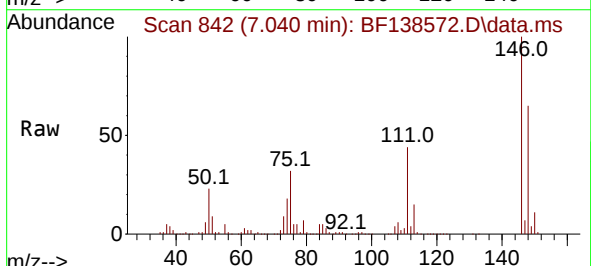
Tgt Ion:146 Resp: 344848
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 44.2 34.9 52.3

Manual Integrations
APPROVED

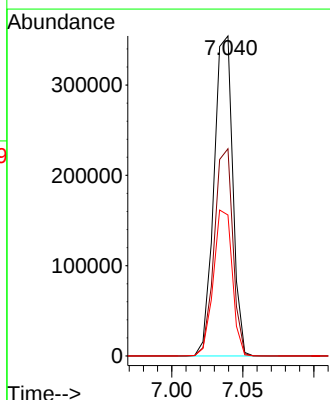
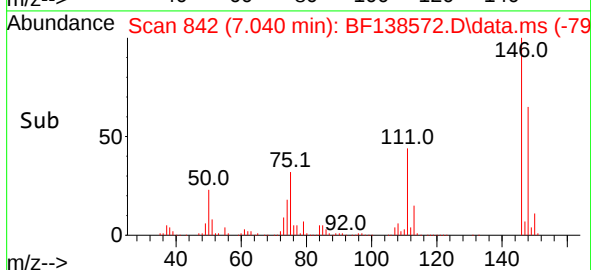
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#14
1,2-Dichlorobenzene
Concen: 51.315 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



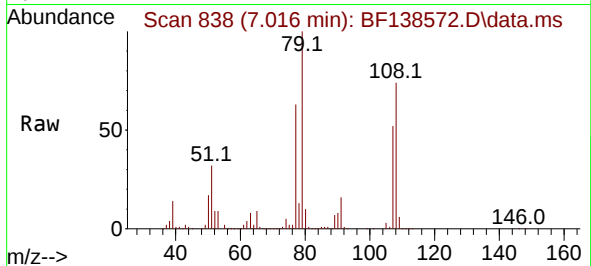
Tgt Ion:146 Resp: 326765
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 44.0 35.5 53.3





#15
Benzyl Alcohol
Concen: 58.310 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

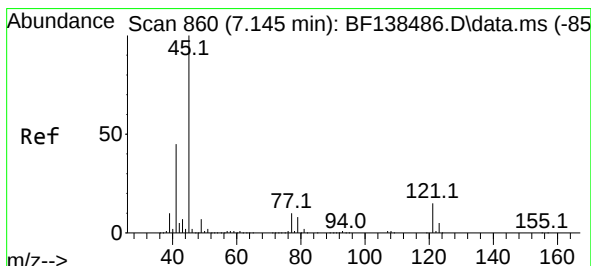
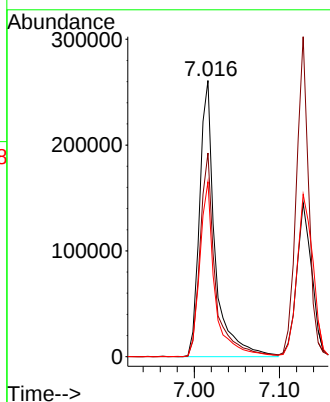
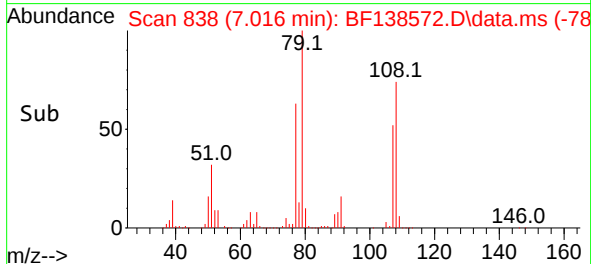
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion: 79 Resp: 32976
Ion Ratio Lower Upper
79 100
108 73.8 54.3 81.5
77 63.4 50.0 75.0

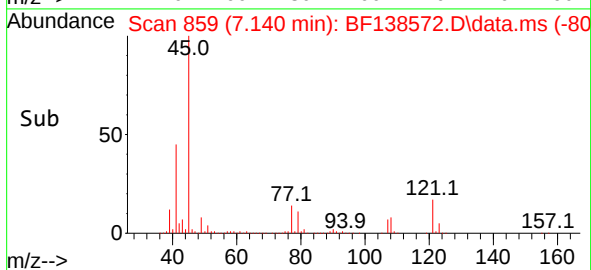
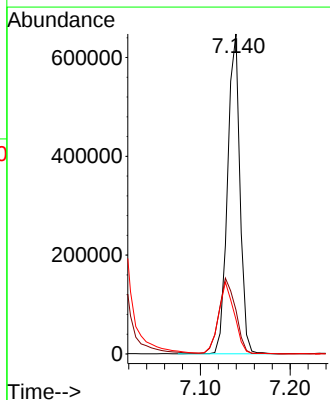
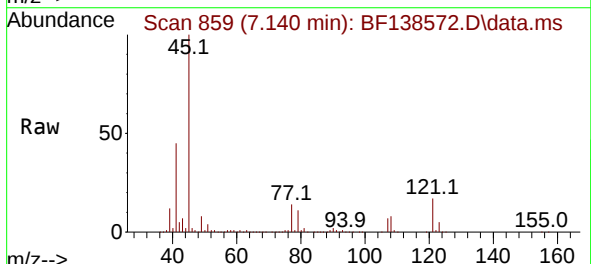
Manual Integrations
APPROVED

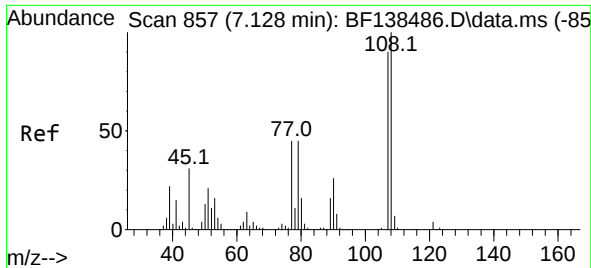
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.406 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

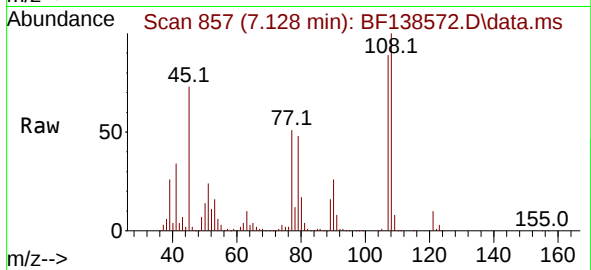
Tgt Ion: 45 Resp: 620632
Ion Ratio Lower Upper
45 100
77 13.8 0.0 30.4
79 10.8 0.0 28.1





#17
2-Methylphenol
Concen: 54.687 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

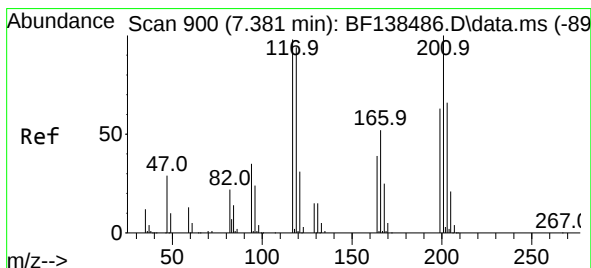
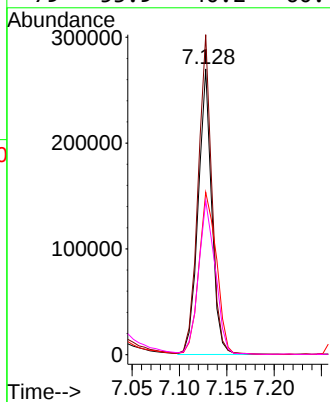
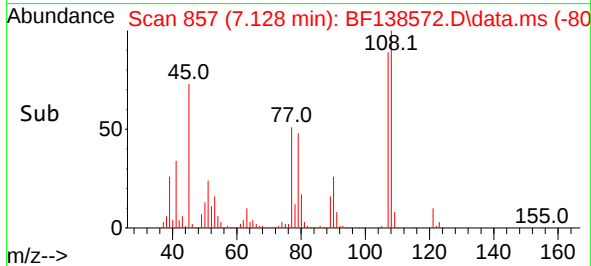
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:	107	Resp:	26845
Ion Ratio	Lower	Upper	
107	100		
108	112.0	89.0	133.4
77	56.8	40.3	60.5
79	53.9	40.2	60.4

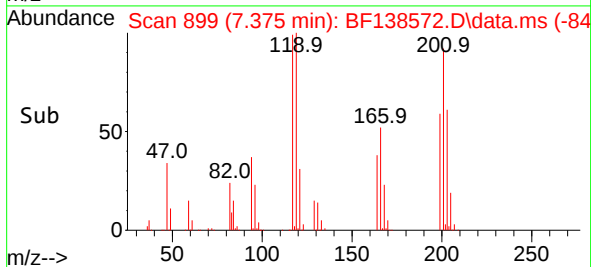
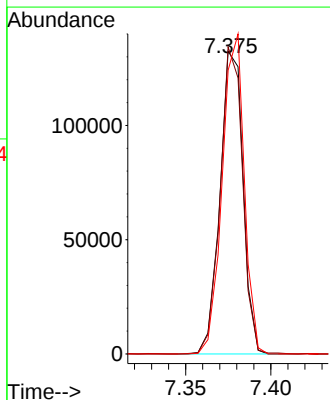
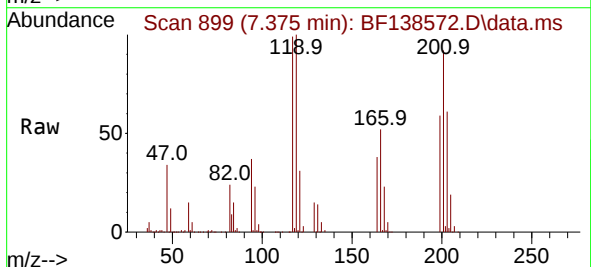
Manual Integrations
APPROVED

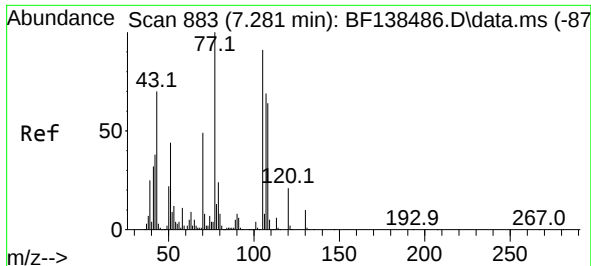
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#18
Hexachloroethane
Concen: 49.602 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

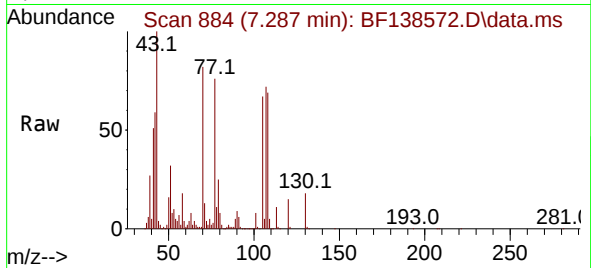
Tgt Ion:	117	Resp:	124672
Ion Ratio	Lower	Upper	
117	100		
119	101.4	76.6	114.8
201	93.7	81.4	122.0





#19
n-Nitroso-di-n-propylamine
Concen: 55.620 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

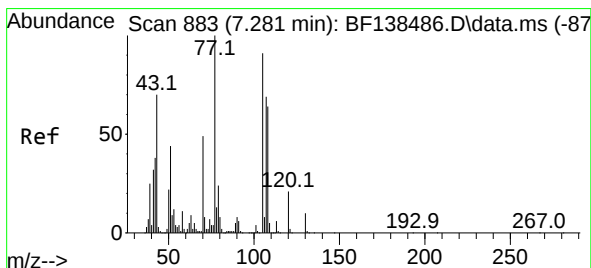
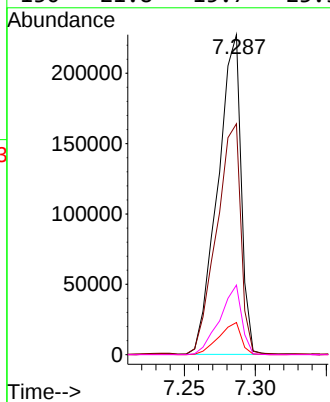
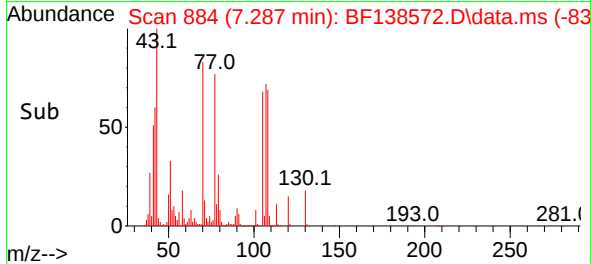
Instrument :
BNA_F
ClientSampleId :
20071MSD



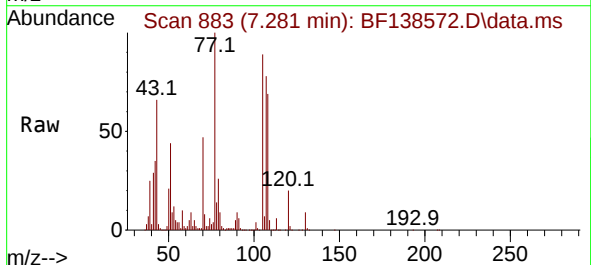
Tgt Ion: 70 Resp: 258984
Ion Ratio Lower Upper
70 100
42 72.2 62.4 93.6
101 10.1 7.2 10.8
130 21.8 15.7 23.5

Manual Integrations
APPROVED

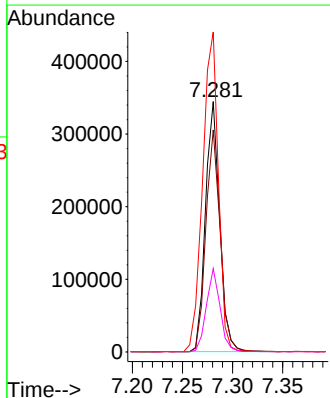
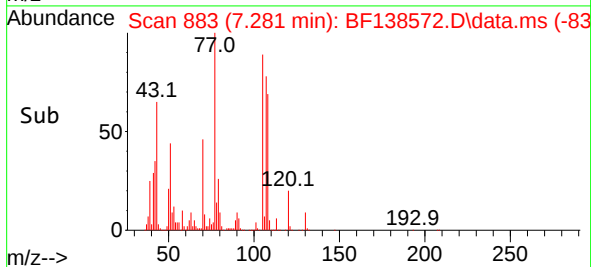
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

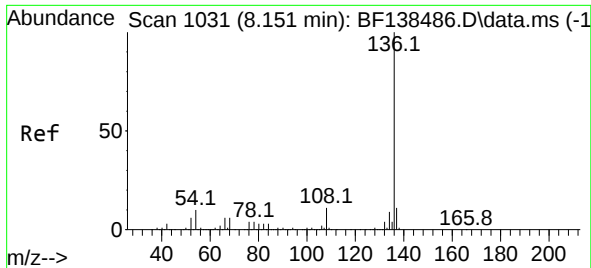


#20
3+4-Methylphenols
Concen: 55.113 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



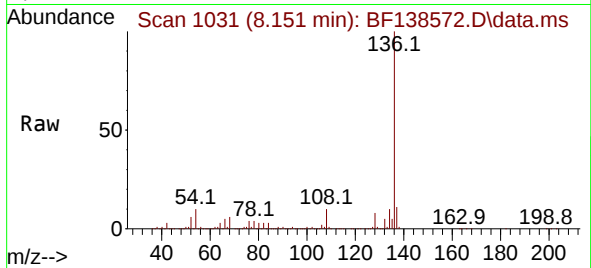
Tgt Ion:107 Resp: 340687
Ion Ratio Lower Upper
107 100
108 88.7 73.7 113.7
77 127.8 126.0 166.0
79 33.3 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

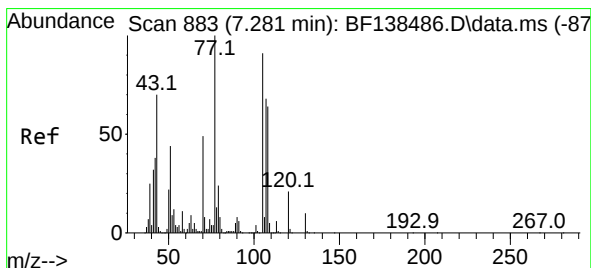
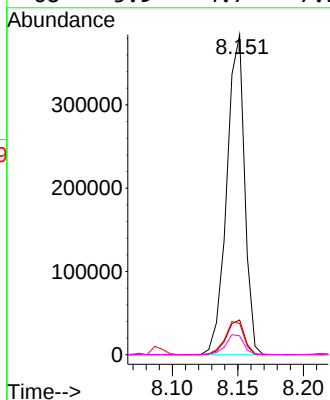
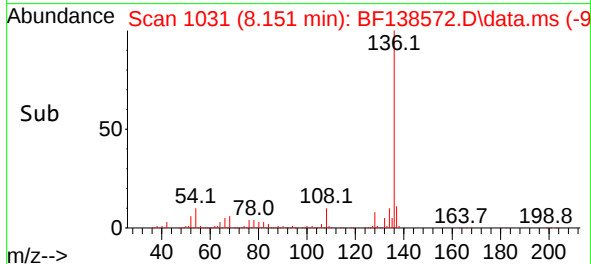
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:136 Resp: 364454
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.8 8.1 12.1
68 5.9 4.7 7.1

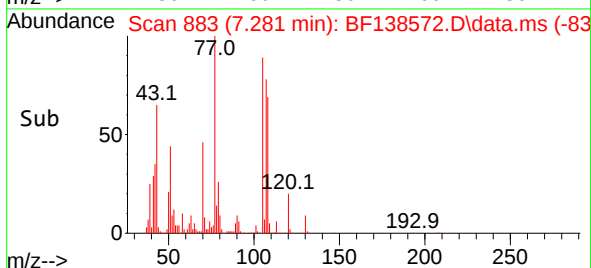
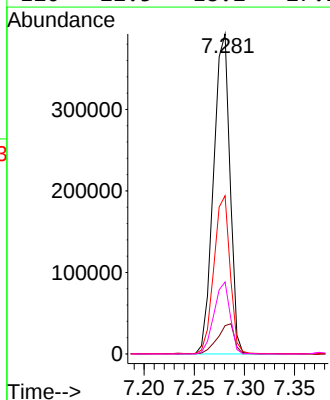
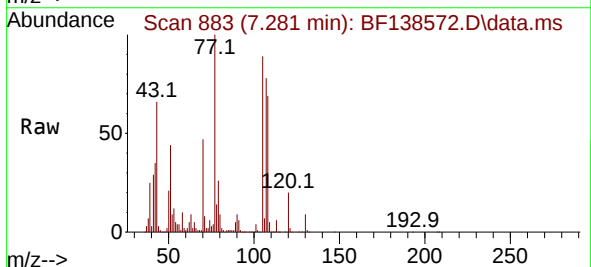
Manual Integrations
APPROVED

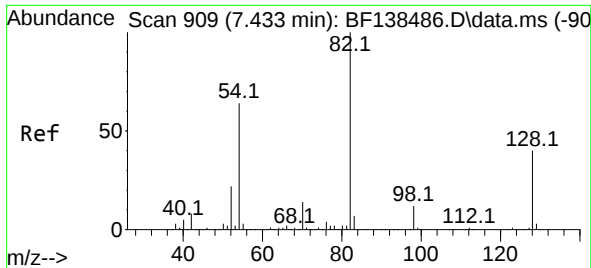
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Acetophenone
Concen: 50.427 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion:105 Resp: 446361
Ion Ratio Lower Upper
105 100
71 8.9 7.4 11.2
51 49.5 38.7 58.1
120 22.5 18.2 27.2





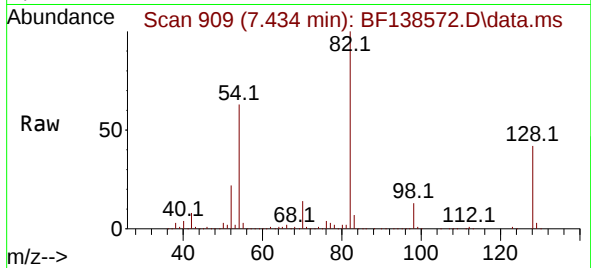
#23
Nitrobenzene-d5
Concen: 98.790 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD



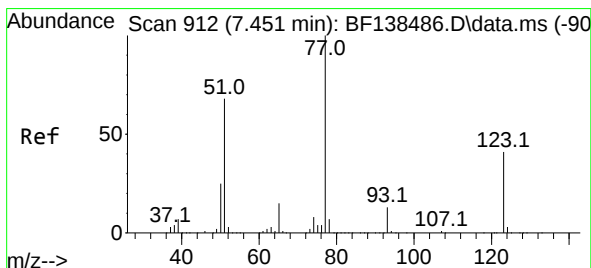
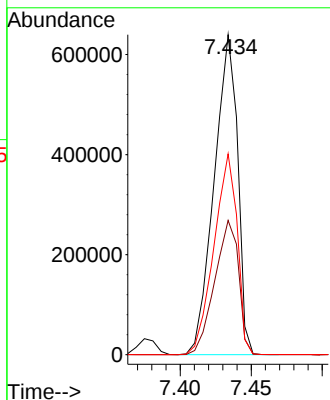
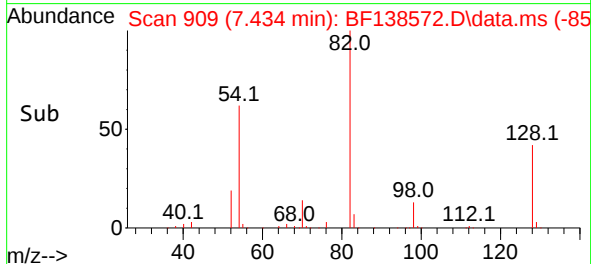
Tgt Ion: 82 Resp: 733319
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 62.8 51.4 77.0

Manual Integrations

APPROVED

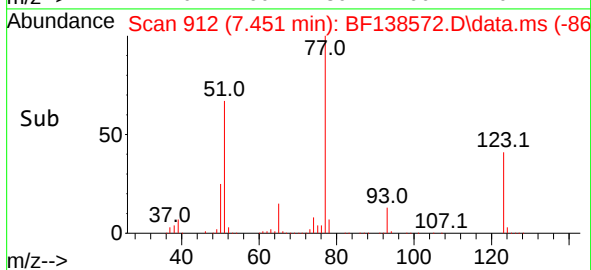
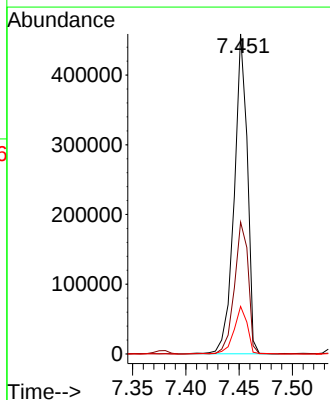
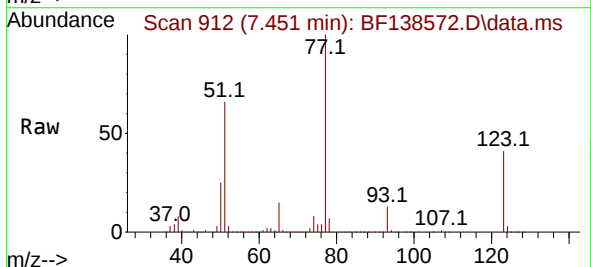
Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#24
Nitrobenzene
Concen: 52.182 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

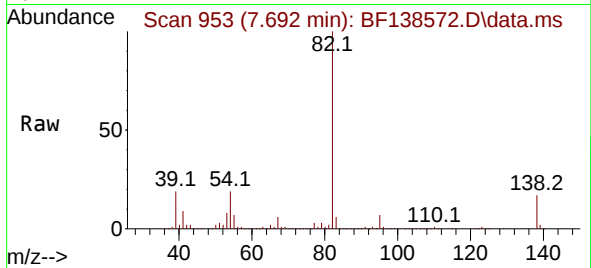
Tgt Ion: 77 Resp: 393633
Ion Ratio Lower Upper
77 100
123 41.2 32.4 48.6
65 14.9 11.8 17.8





#25
Isophorone
Concen: 56.853 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

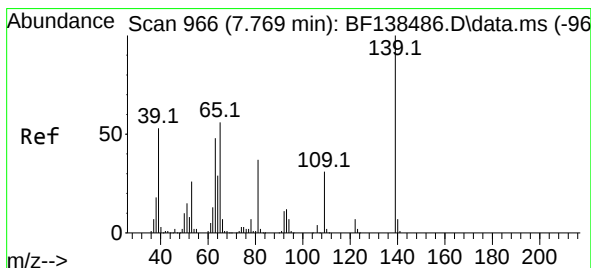
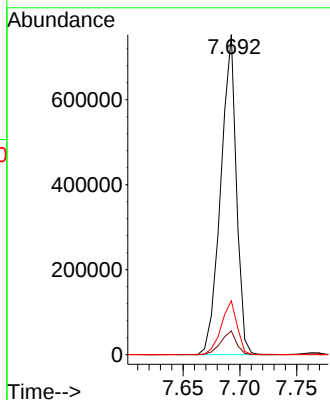
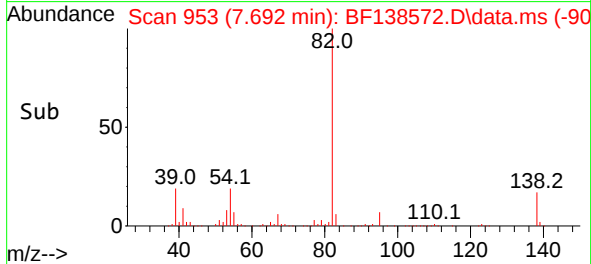
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion: 82 Resp: 724744
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.9 12.8 19.2

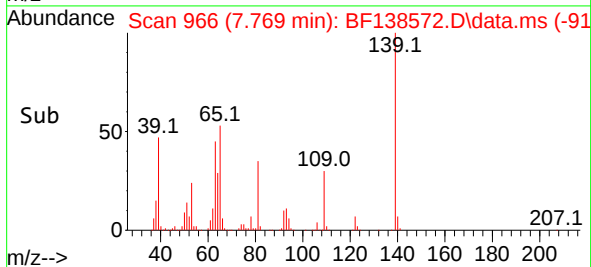
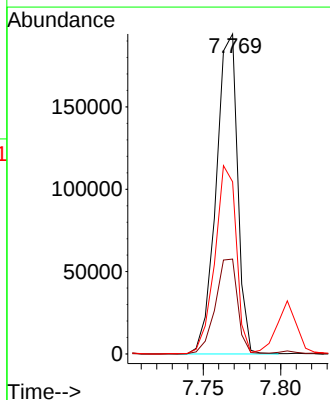
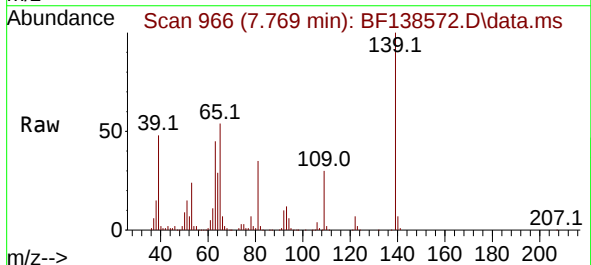
Manual Integrations
APPROVED

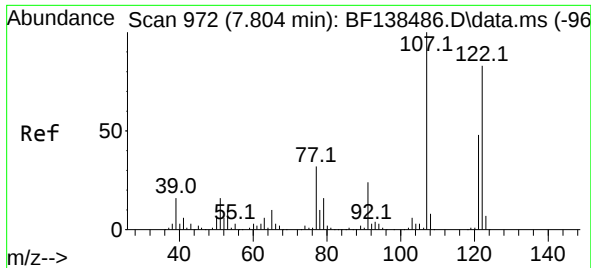
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#26
2-Nitrophenol
Concen: 58.083 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

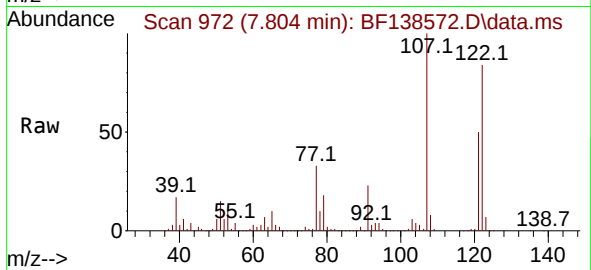
Tgt Ion:139 Resp: 187790
Ion Ratio Lower Upper
139 100
109 29.6 24.8 37.2
65 53.8 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 62.591 ng
RT: 7.804 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

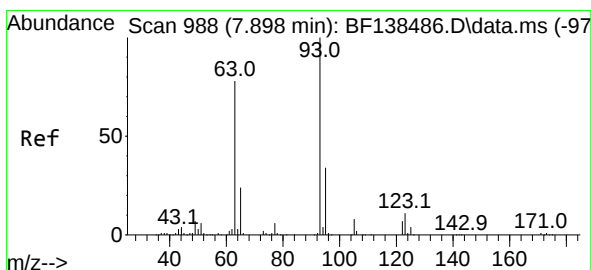
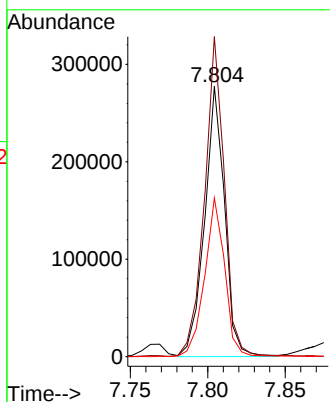
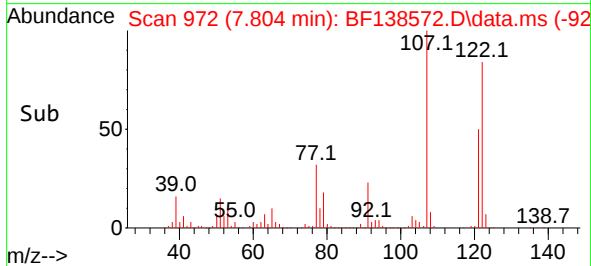
Instrument :
BNA_F
ClientSampleId :
20071MSD



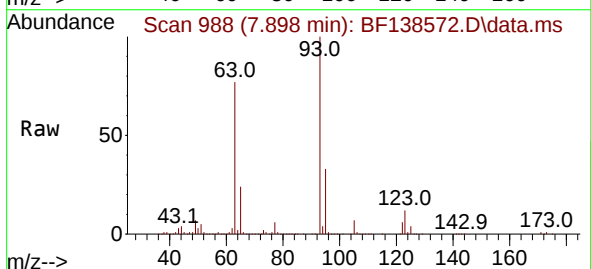
Tgt Ion:122 Resp: 24871
Ion Ratio Lower Upper
122 100
107 118.4 96.3 144.5
121 58.8 46.7 70.1

Manual Integrations
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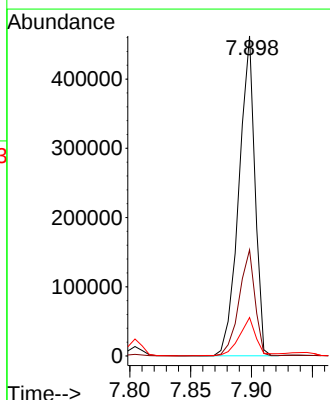
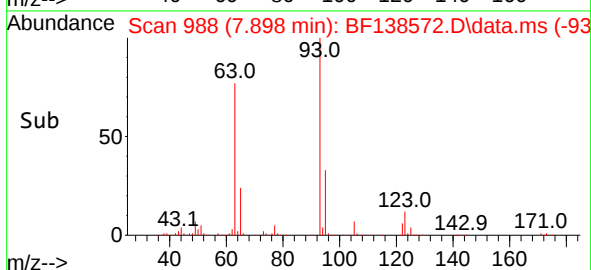
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

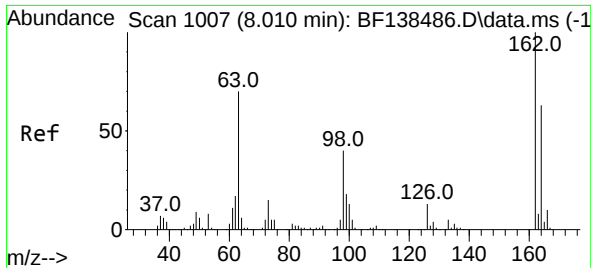


#28
bis(2-Chloroethoxy)methane
Concen: 55.476 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



Tgt Ion: 93 Resp: 422640
Ion Ratio Lower Upper
93 100
95 33.1 27.0 40.6
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.403 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

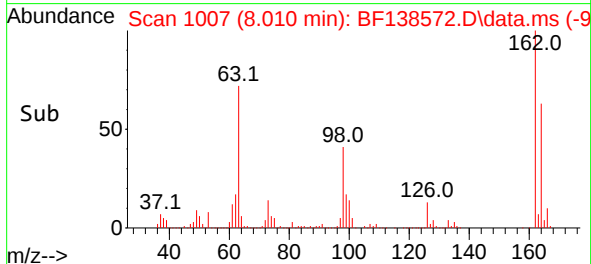
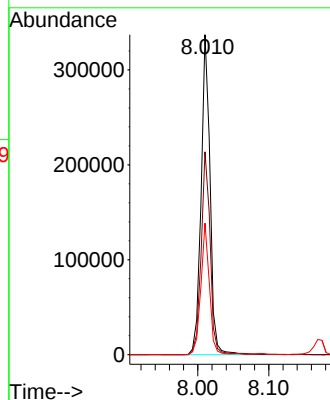
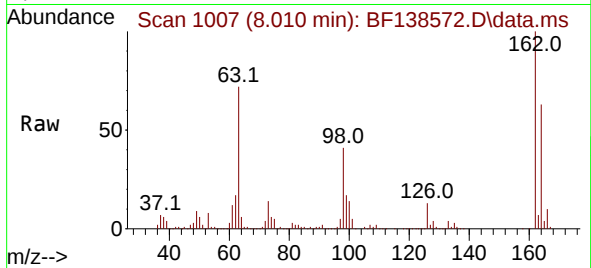
Tgt Ion:162 Resp: 296209
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.6 82.6
 98 41.1 20.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 50.722 ng

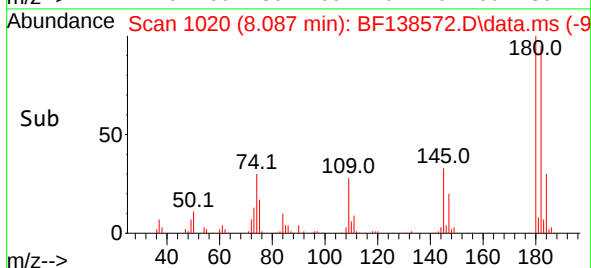
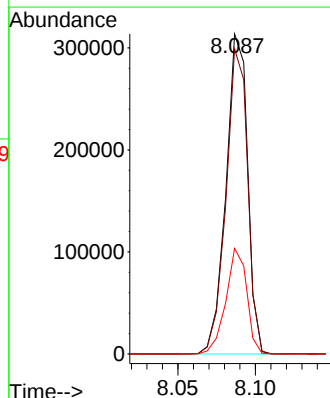
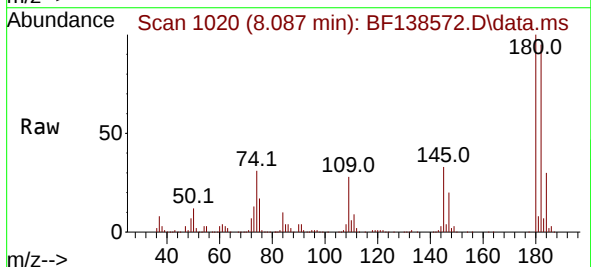
RT: 8.087 min Scan# 1020

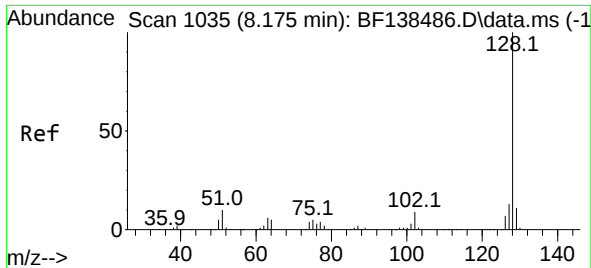
Delta R.T. -0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

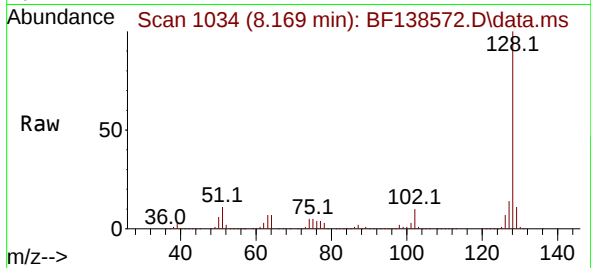
Tgt Ion:180 Resp: 304905
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 33.0 23.9 35.9





#31
Naphthalene
Concen: 52.768 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

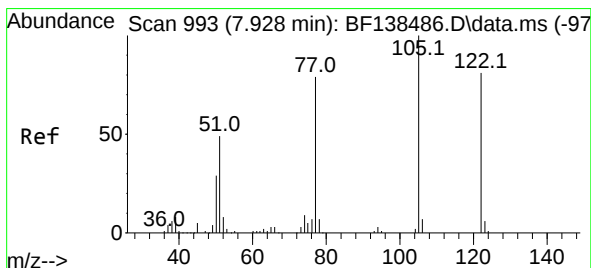
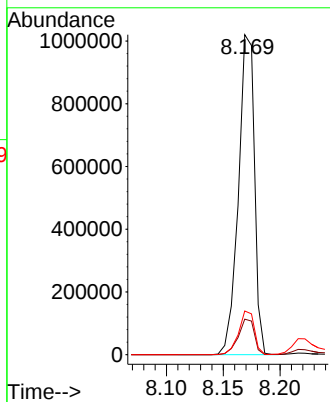
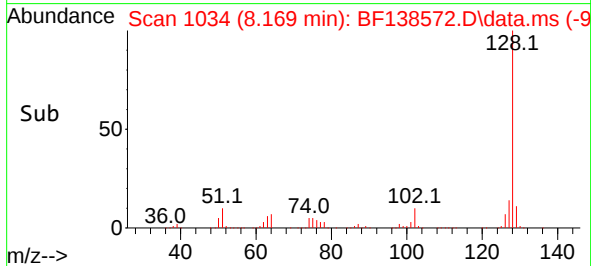
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:128 Resp: 1000190
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.7 16.1

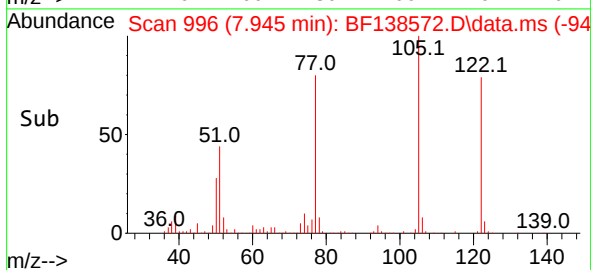
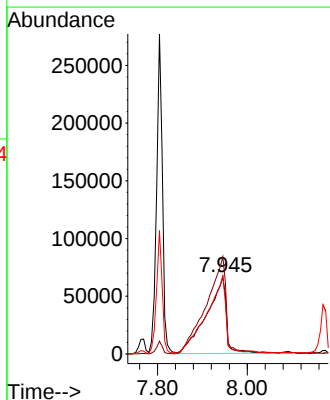
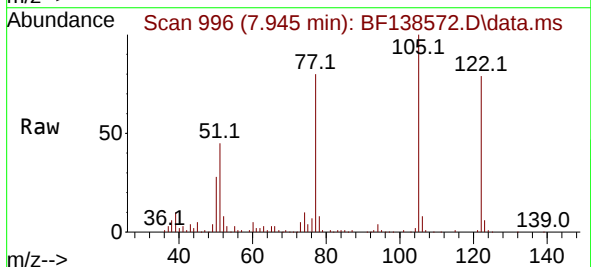
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#32
Benzoic acid
Concen: 53.795 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion:122 Resp: 203884
Ion Ratio Lower Upper
122 100
105 126.6 101.5 141.5
77 101.8 77.3 117.3





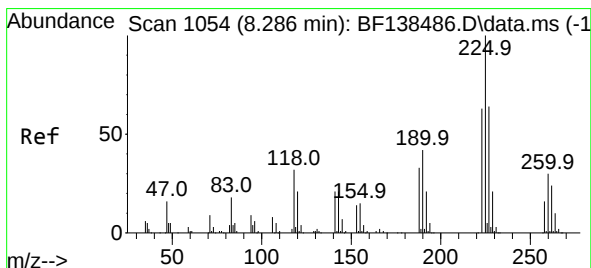
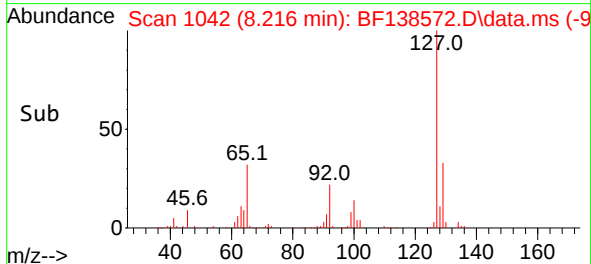
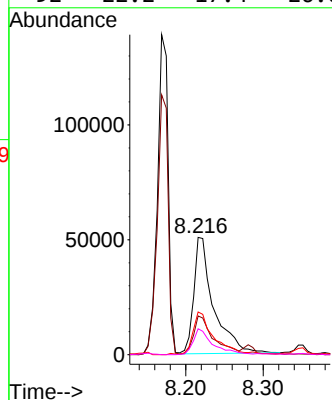
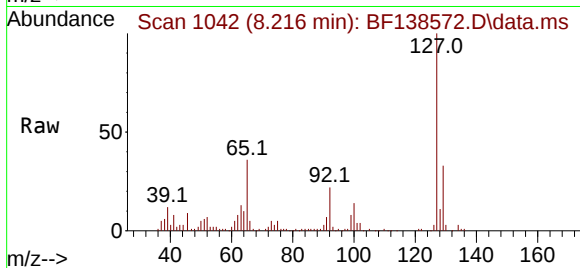
#33
4-Chloroaniline
Concen: 13.501 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
20071MSD

Tgt Ion:	127	Resp:	89780
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.6	38.4
65	36.5	29.6	44.4
92	22.2	17.4	26.0

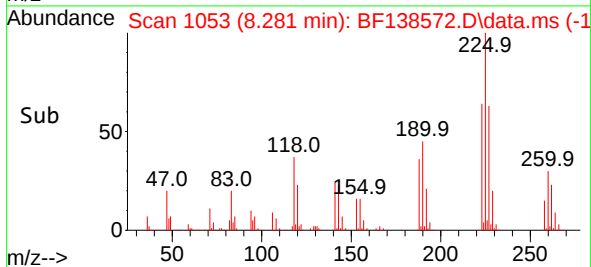
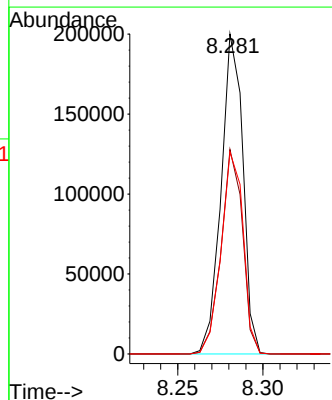
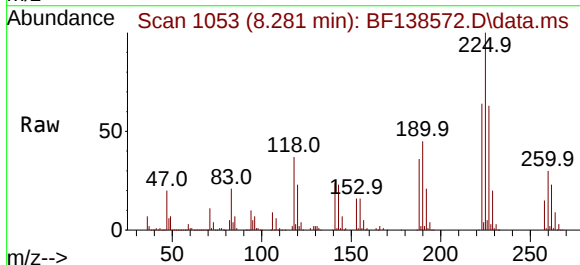
Manual Integrations
APPROVED

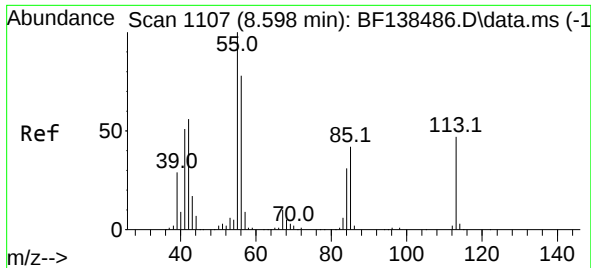
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#34
Hexachlorobutadiene
Concen: 47.926 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

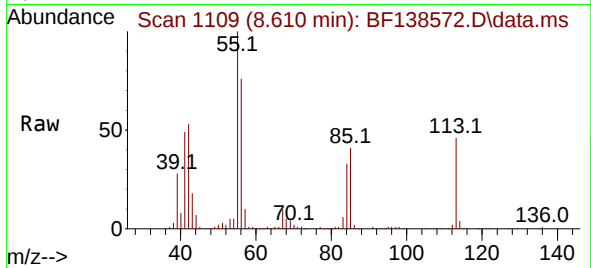
Tgt Ion:	225	Resp:	177407
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.0	75.0
227	63.1	51.0	76.6





#35
Caprolactam
Concen: 48.492 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

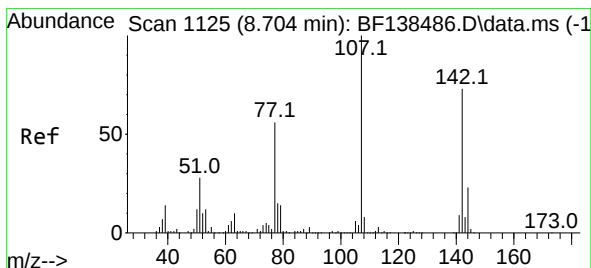
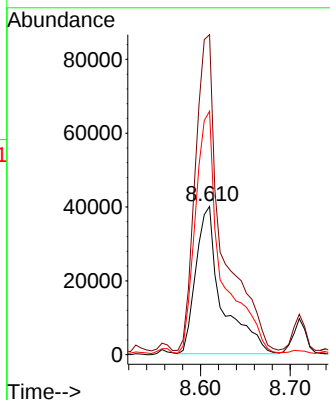
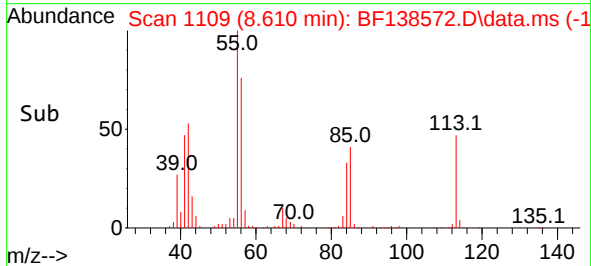
Instrument :
BNA_F
ClientSampleId :
20071MSD



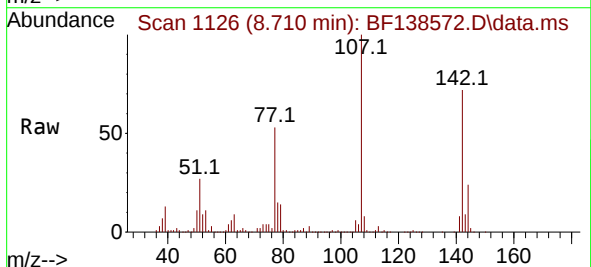
Tgt Ion:113 Resp: 80745
Ion Ratio Lower Upper
113 100
55 215.7 192.5 232.5
56 164.1 145.3 185.3

Manual Integrations
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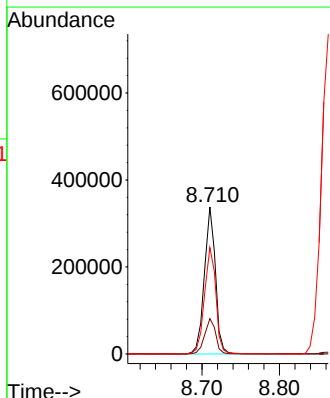
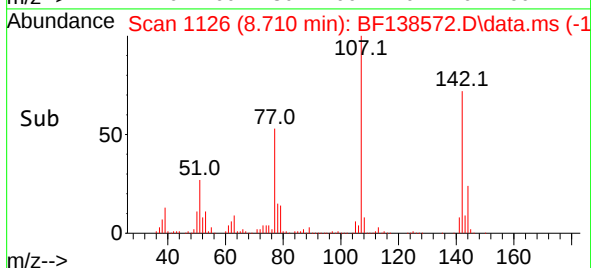
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

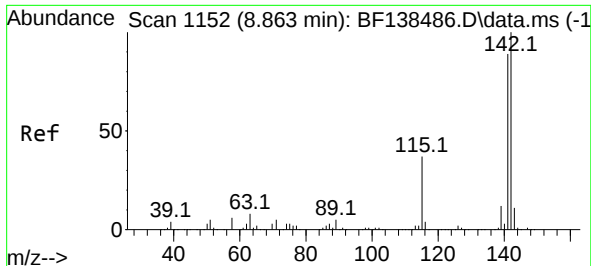


#36
4-Chloro-3-methylphenol
Concen: 58.204 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



Tgt Ion:107 Resp: 336245
Ion Ratio Lower Upper
107 100
144 24.1 18.6 27.8
142 72.3 58.6 88.0





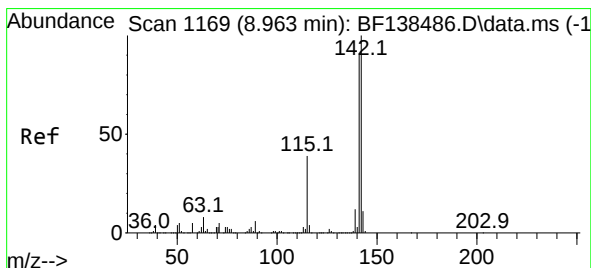
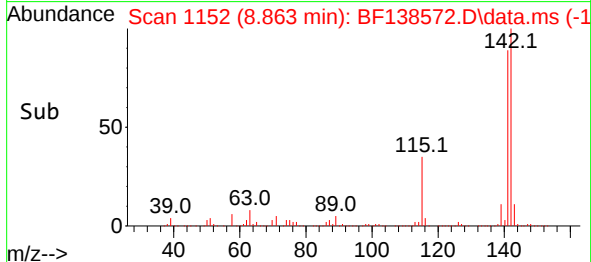
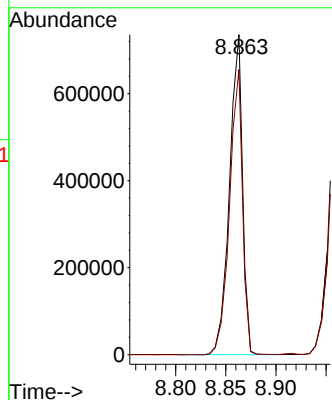
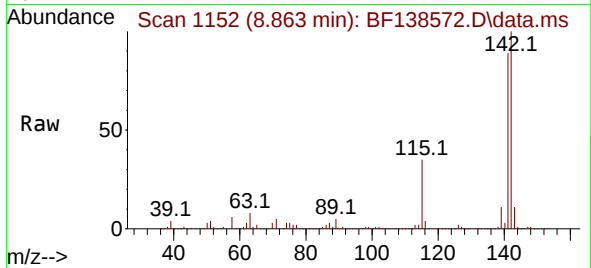
#37
2-Methylnaphthalene
Concen: 54.520 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
20071MSD

Tgt Ion:142 Resp: 66502
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0

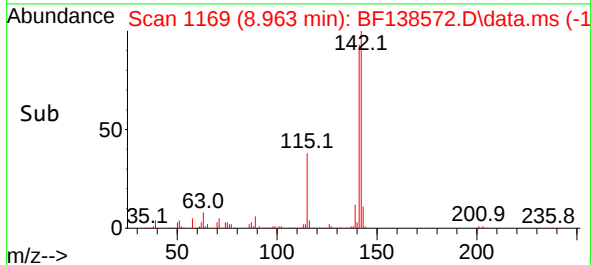
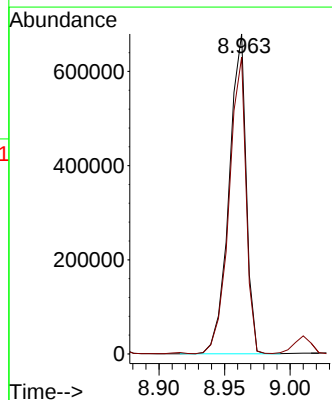
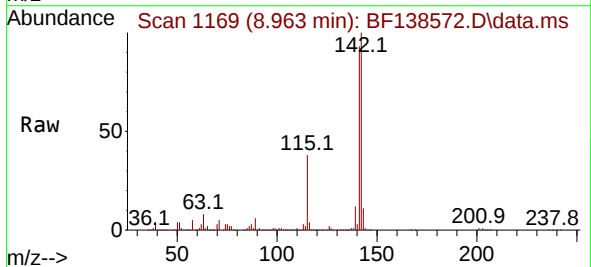
Manual Integrations
APPROVED

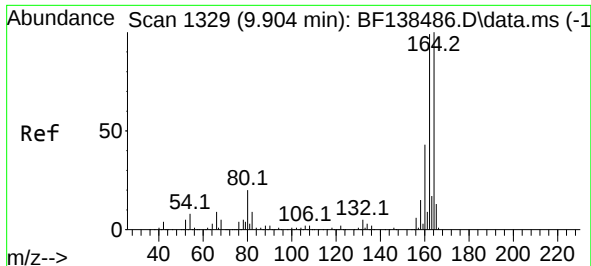
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#38
1-Methylnaphthalene
Concen: 51.836 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

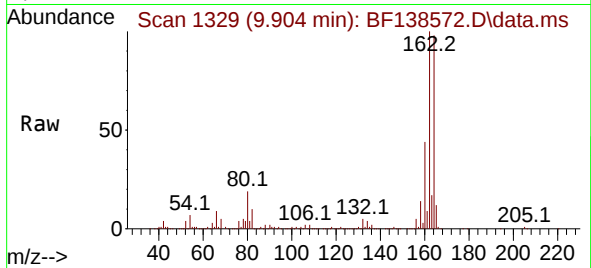
Tgt Ion:142 Resp: 617078
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

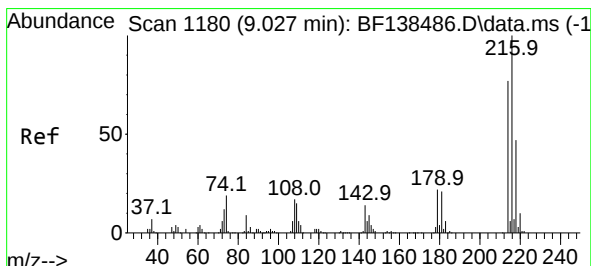
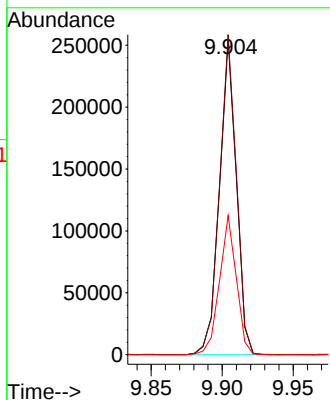
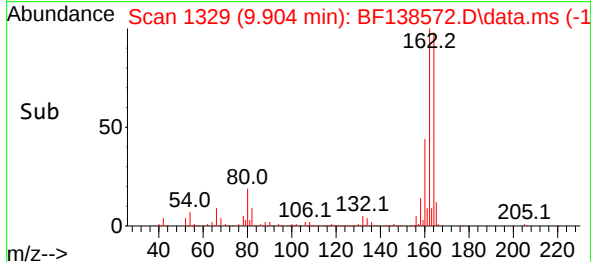
Instrument :
BNA_F
ClientSampleId :
20071MSD



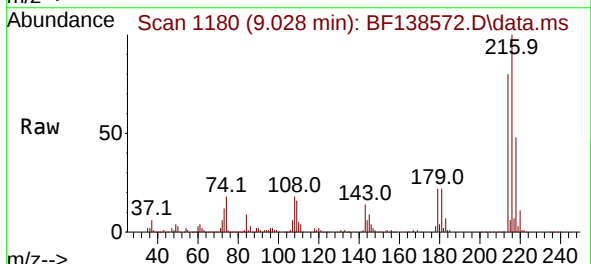
Tgt Ion:164 Resp: 209640
Ion Ratio Lower Upper
164 100
162 101.6 79.0 118.6
160 44.2 34.4 51.6

Manual Integrations
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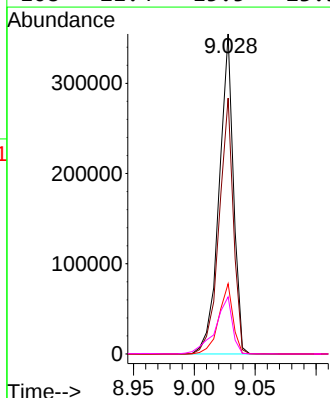
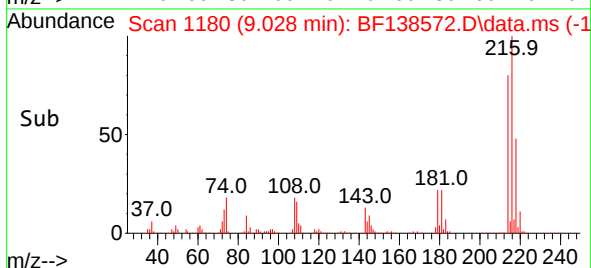
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.777 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



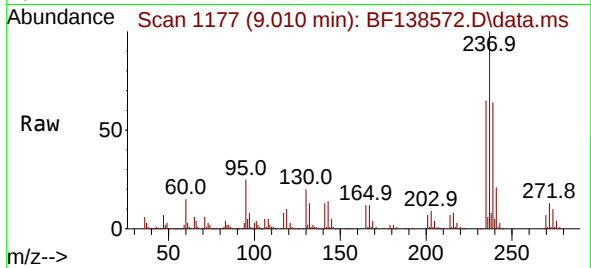
Tgt Ion:216 Resp: 290847
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 21.7 17.7 26.5
108 21.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 143.917 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

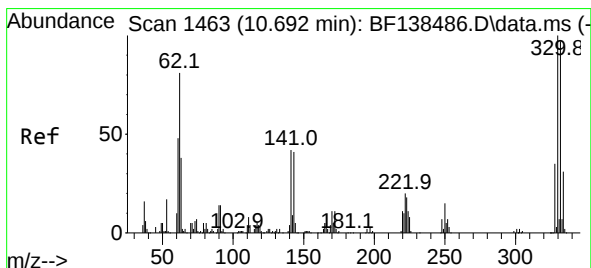
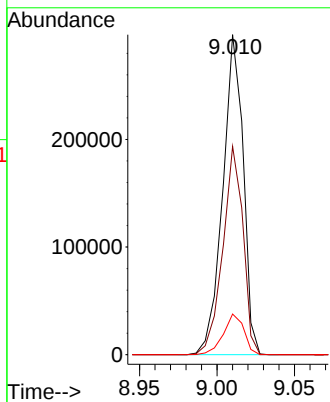
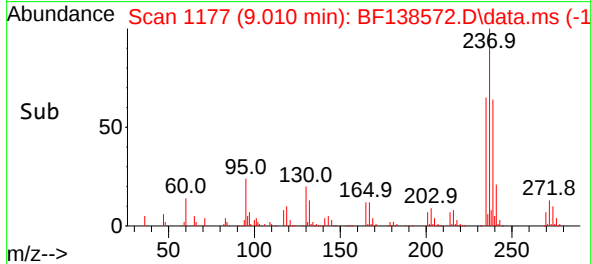
Instrument :
BNA_F
ClientSampleId :
20071MSD



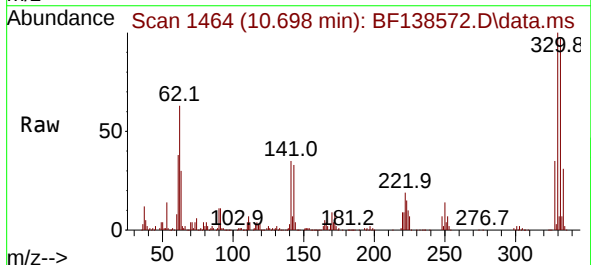
Tgt Ion: 237 Resp: 27294
Ion Ratio Lower Upper
237 100
235 65.1 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations
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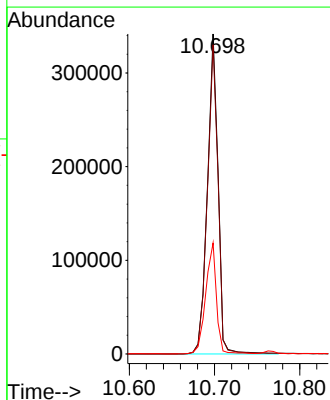
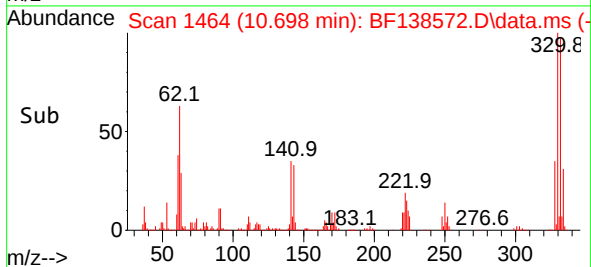
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

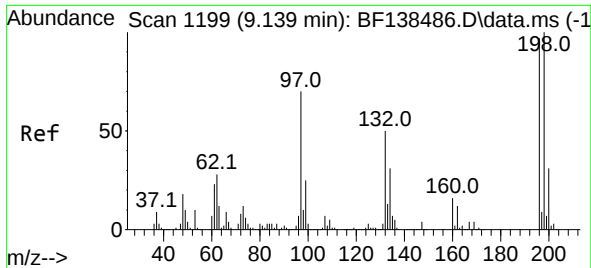


#42
2,4,6-Tribromophenol
Concen: 151.506 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



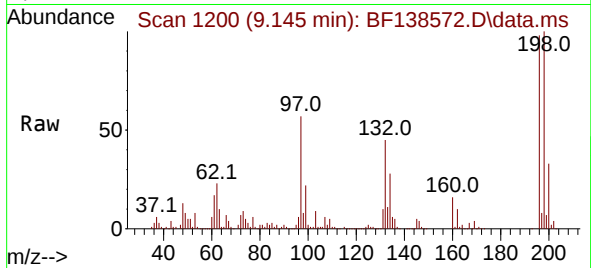
Tgt Ion: 330 Resp: 296854
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 35.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 57.012 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

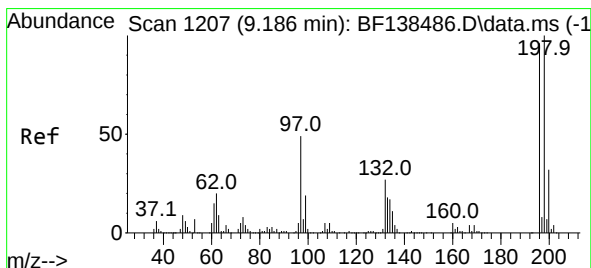
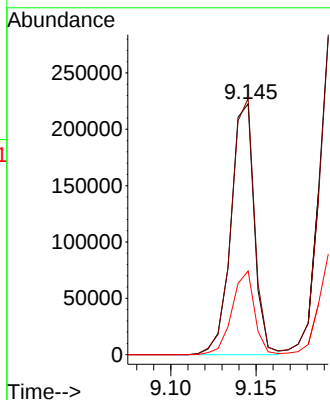
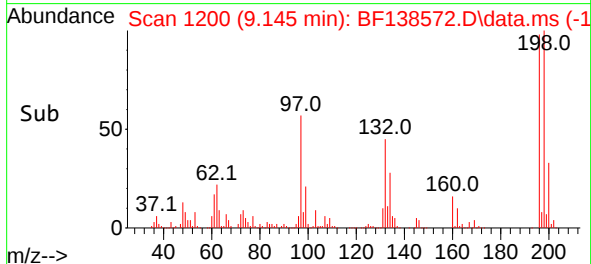
Instrument :
BNA_F
ClientSampleId :
20071MSD



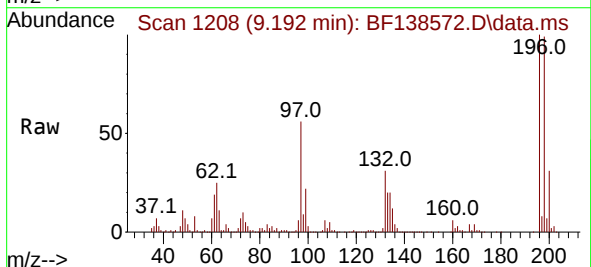
Tgt Ion:196 Resp: 212490
Ion Ratio Lower Upper
196 100
198 102.1 82.3 123.5
200 33.3 25.8 38.6

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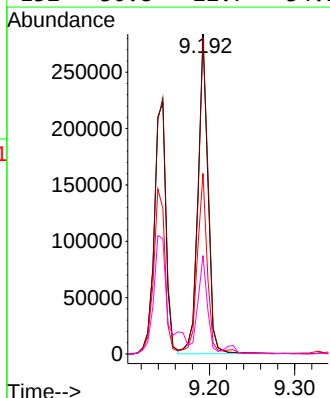
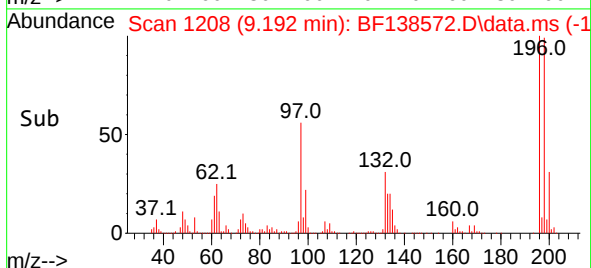
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

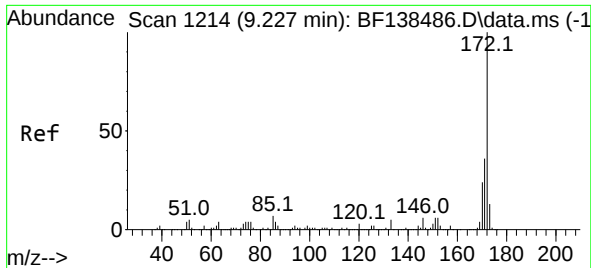


#44
2,4,5-Trichlorophenol
Concen: 56.489 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



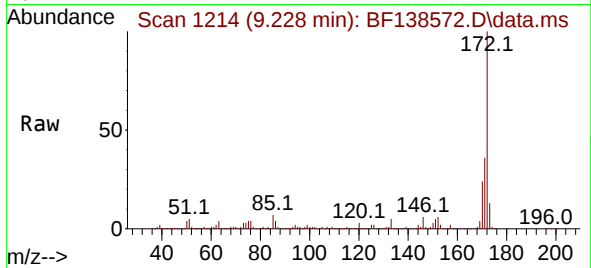
Tgt Ion:196 Resp: 231569
Ion Ratio Lower Upper
196 100
198 99.1 82.8 124.2
97 56.4 41.0 61.4
132 30.8 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 98.045 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

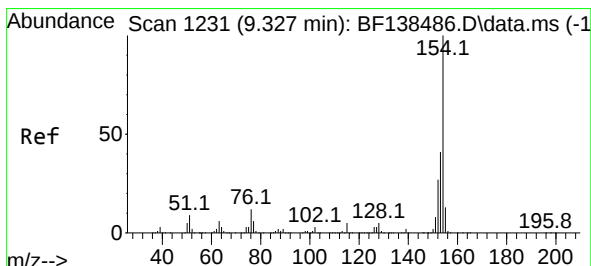
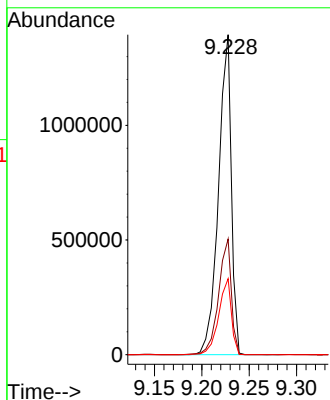
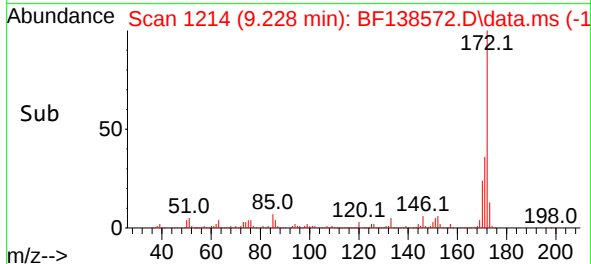
Instrument :
BNA_F
ClientSampleId :
20071MSD



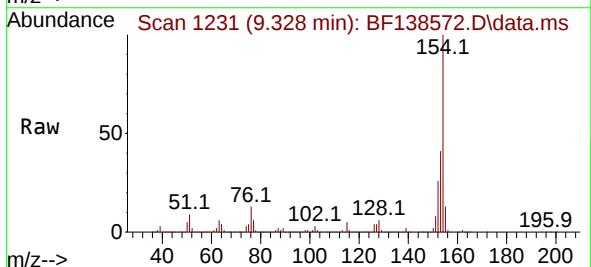
Tgt Ion:172 Resp: 131516
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.8 18.9 28.3

Manual Integrations
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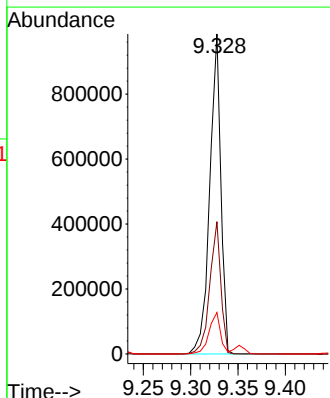
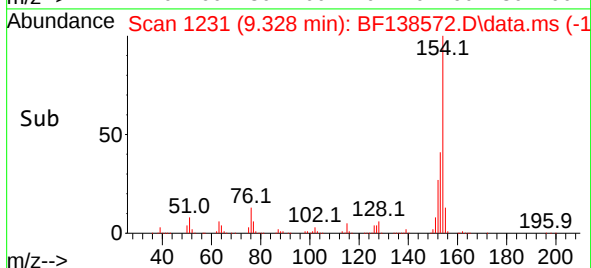
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

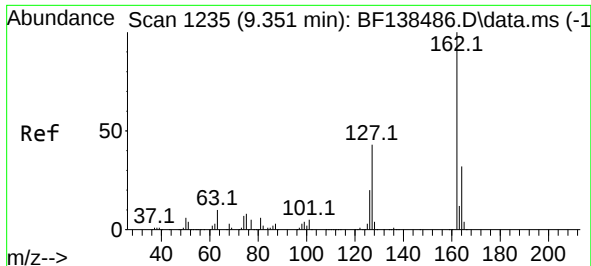


#46
1,1'-Biphenyl
Concen: 50.465 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



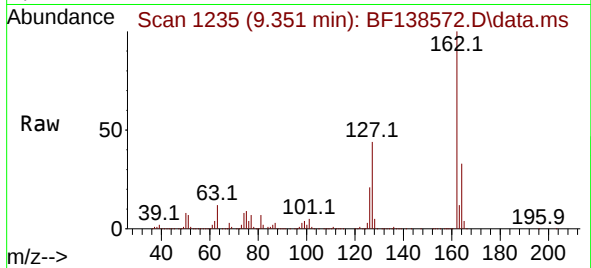
Tgt Ion:154 Resp: 801776
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 12.9 0.0 32.2





#47
2-Chloronaphthalene
Concen: 53.229 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

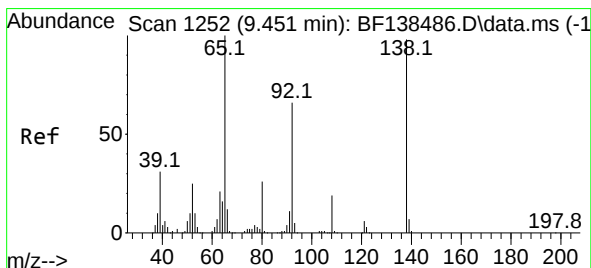
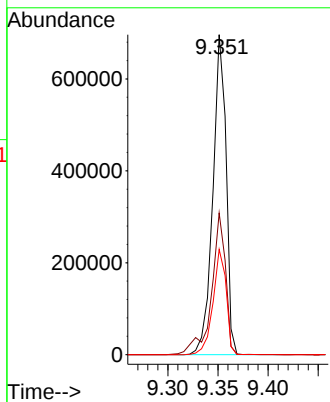
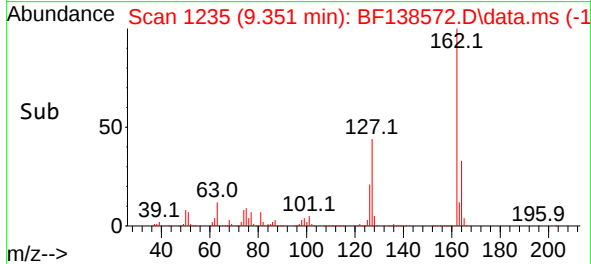
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:162 Resp: 638889
Ion Ratio Lower Upper
162 100
127 44.3 34.8 52.2
164 32.9 25.6 38.4

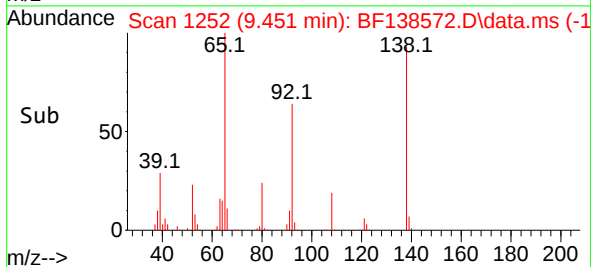
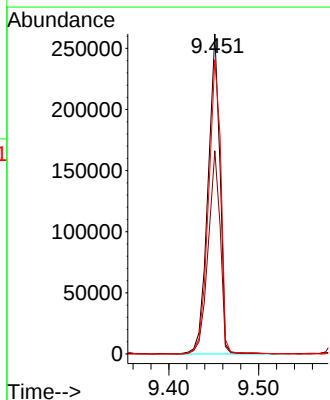
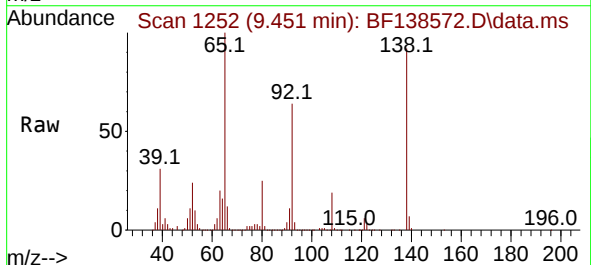
Manual Integrations
APPROVED

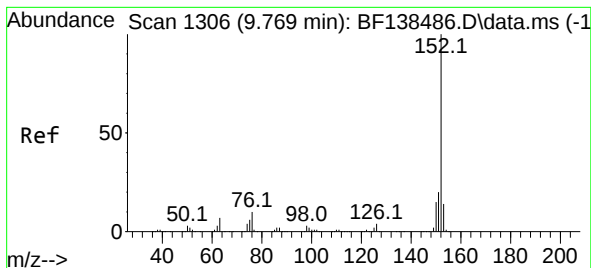
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#48
2-Nitroaniline
Concen: 58.483 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion: 65 Resp: 243247
Ion Ratio Lower Upper
65 100
92 63.5 52.6 78.8
138 92.0 78.6 118.0





#49

Acenaphthylene

Concen: 59.667 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

Tgt Ion:152 Resp: 101677

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

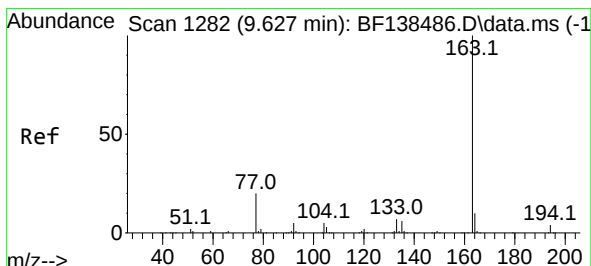
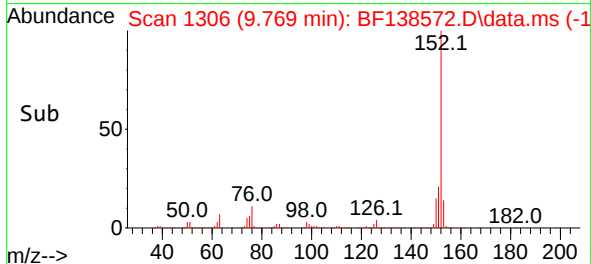
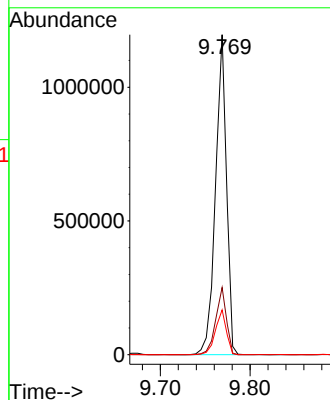
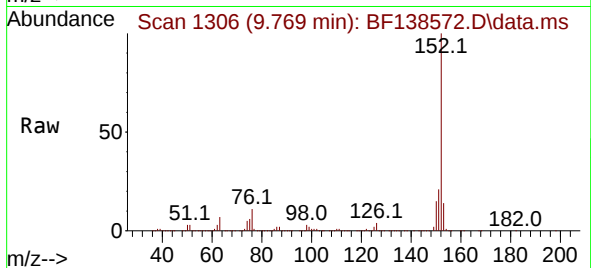
153 14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#50

Dimethylphthalate

Concen: 59.167 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

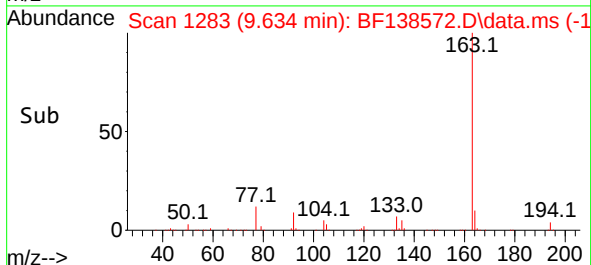
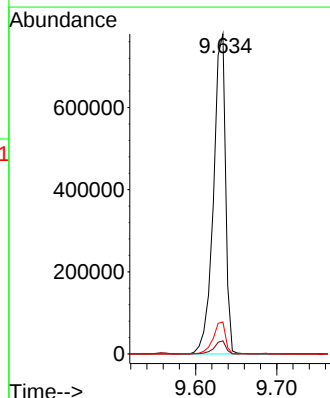
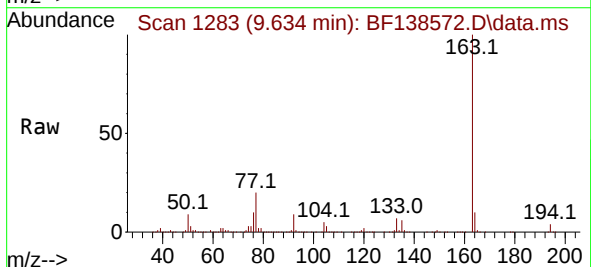
Tgt Ion:163 Resp: 802081

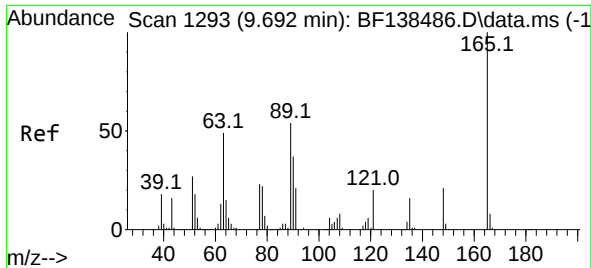
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

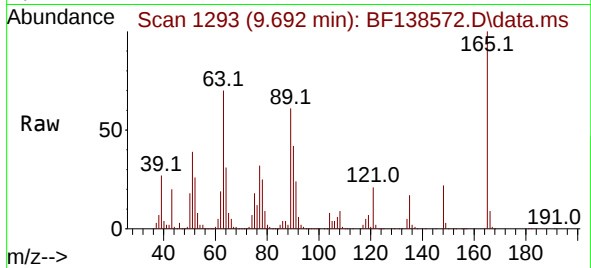
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 56.453 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

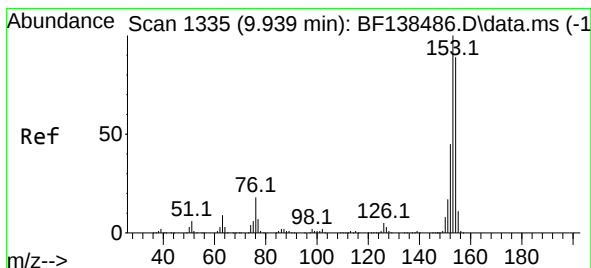
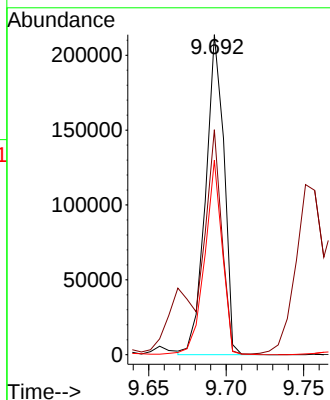
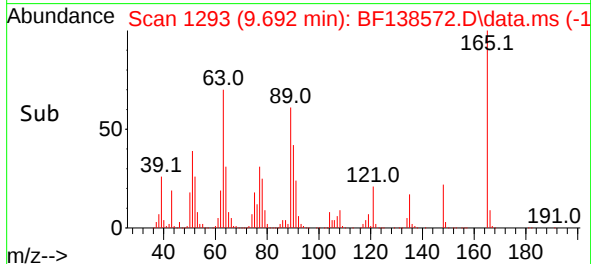
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:165 Resp: 176200
Ion Ratio Lower Upper
165 100
63 70.3 48.1 72.1
89 60.8 43.0 64.6

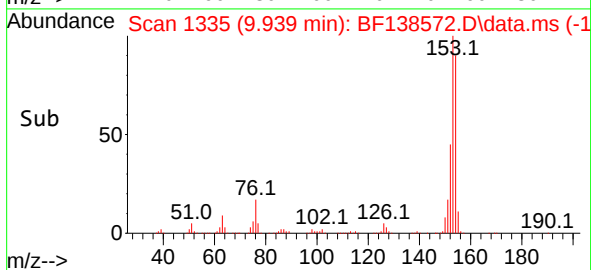
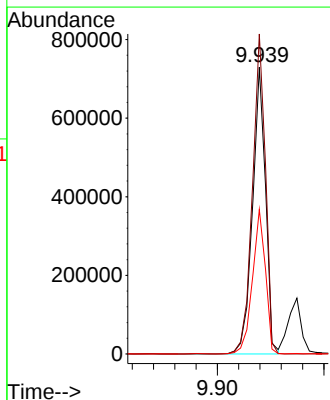
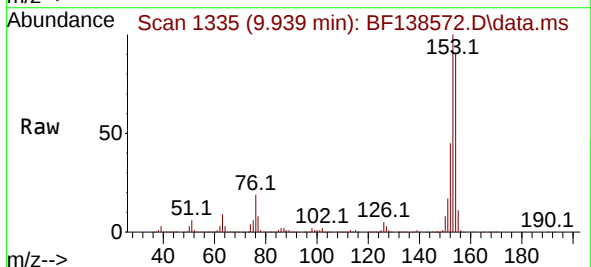
Manual Integrations
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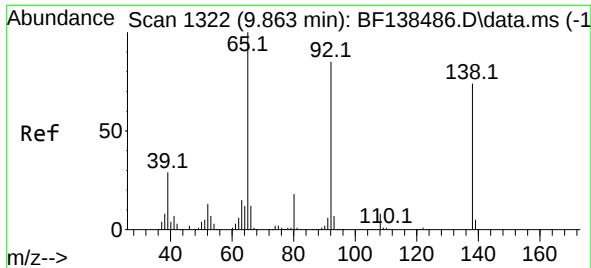
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#52
Acenaphthene
Concen: 54.506 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

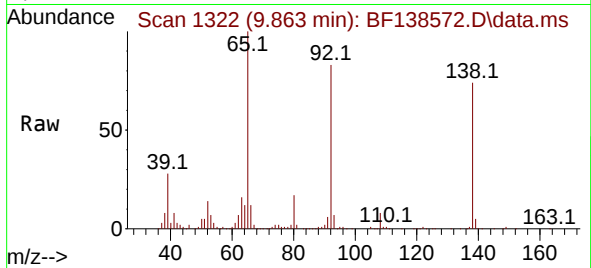
Tgt Ion:154 Resp: 617413
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 50.4 41.1 61.7





#53
3-Nitroaniline
Concen: 26.270 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

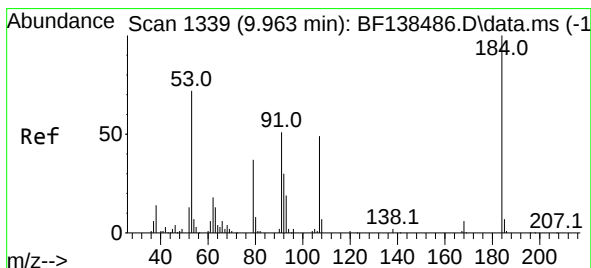
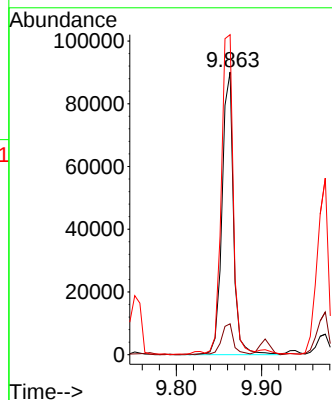
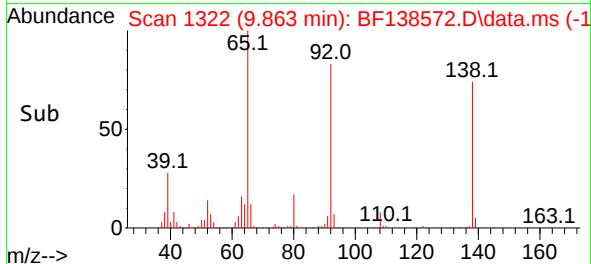
Instrument :
BNA_F
ClientSampleId :
20071MSD



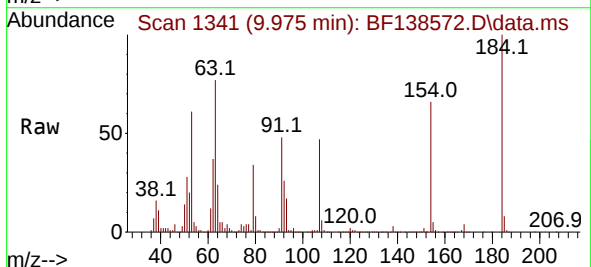
Tgt Ion:138 Resp: 8404
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 113.2 92.6 138.8

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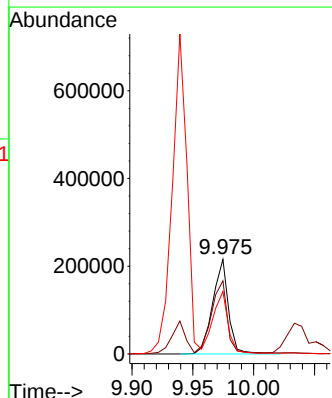
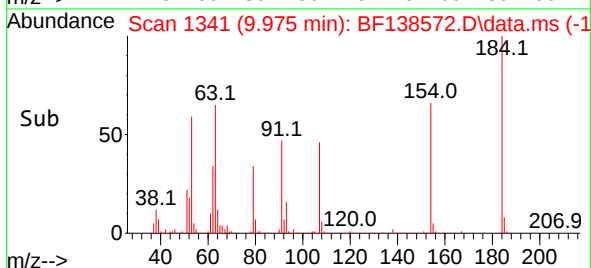
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

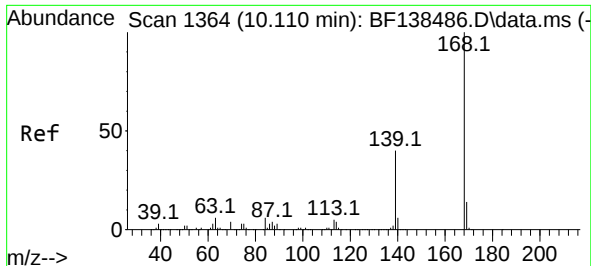


#54
2,4-Dinitrophenol
Concen: 114.238 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



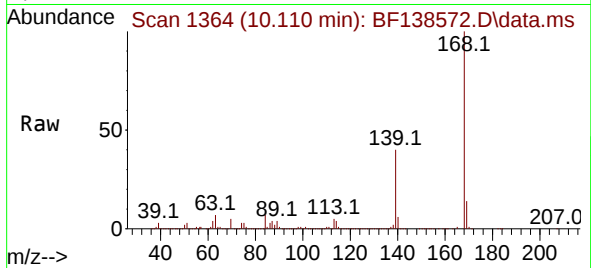
Tgt Ion:184 Resp: 194919
Ion Ratio Lower Upper
184 100
63 77.3 70.6 106.0
154 66.0 53.8 80.6





#55
Dibenzenofuran
Concen: 55.987 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

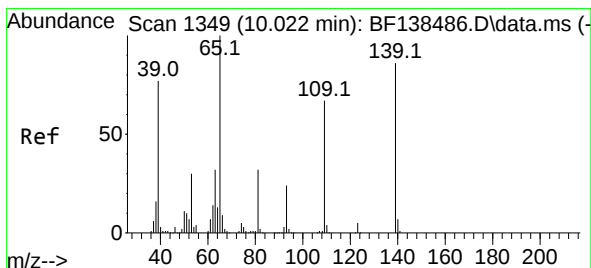
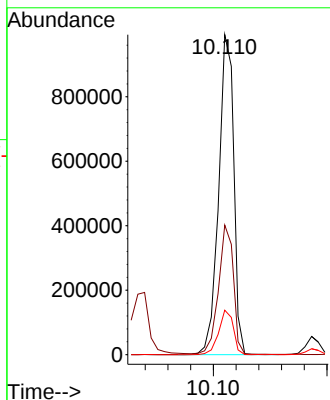
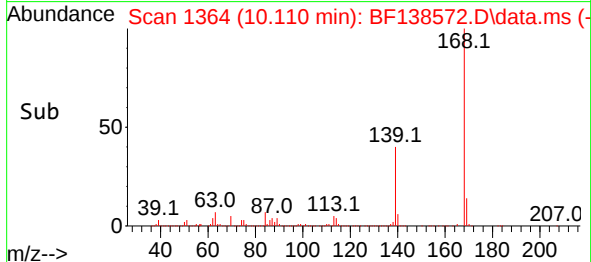
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:168 Resp: 91986
Ion Ratio Lower Upper
168 100
139 40.5 32.4 48.6
169 13.9 10.9 16.3

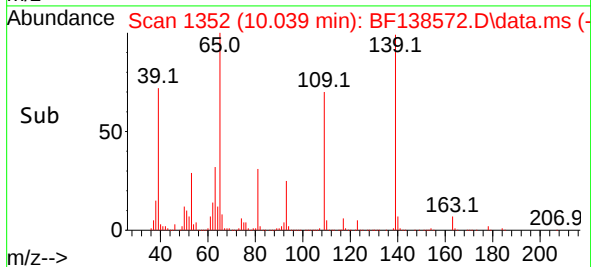
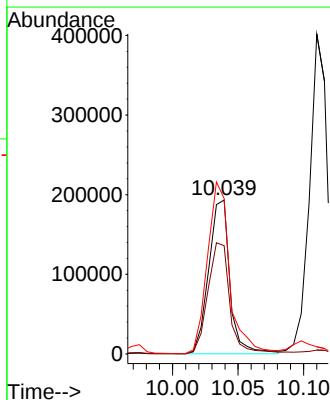
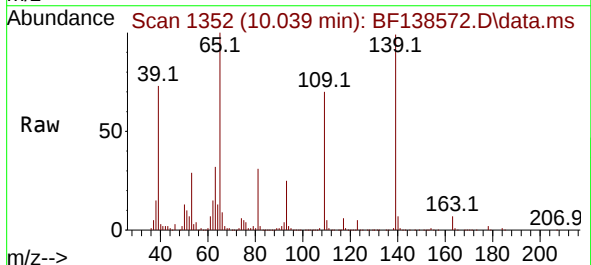
Manual Integrations
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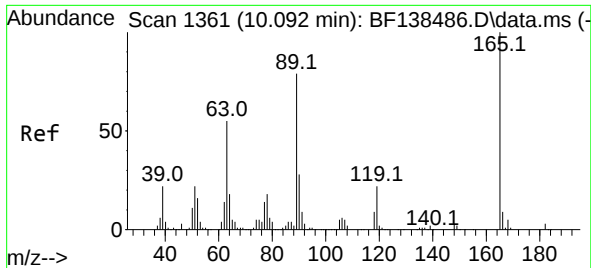
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#56
4-Nitrophenol
Concen: 92.193 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

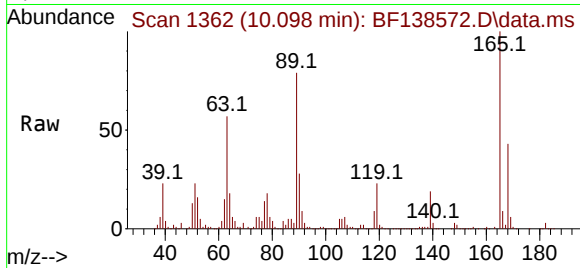
Tgt Ion:139 Resp: 217619
Ion Ratio Lower Upper
139 100
109 70.4 58.1 98.1
65 101.1 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 57.093 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

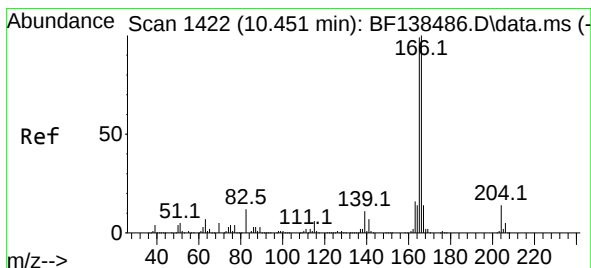
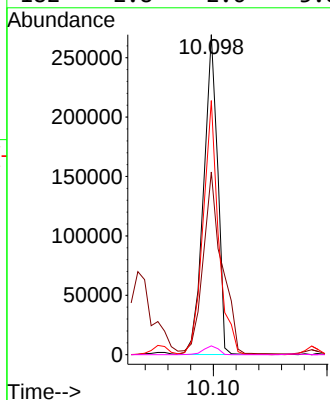
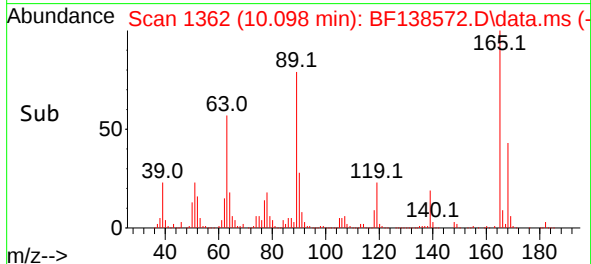
Instrument :
BNA_F
ClientSampleId :
20071MSD



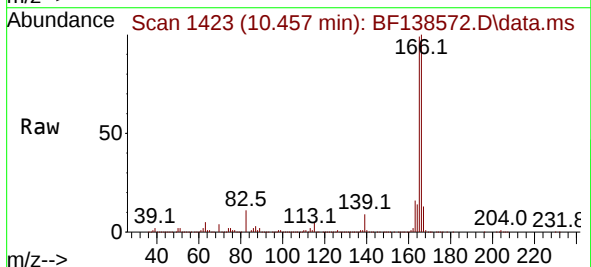
Tgt Ion:165 Resp: 230570
Ion Ratio Lower Upper
165 100
63 57.1 44.6 66.8
89 79.4 63.4 95.2
182 2.8 2.6 3.8

Manual Integrations
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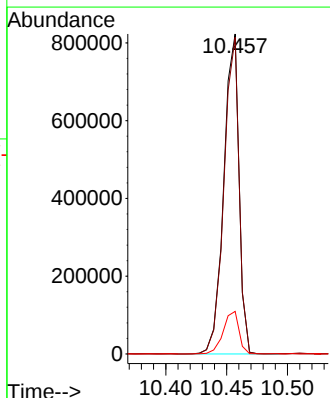
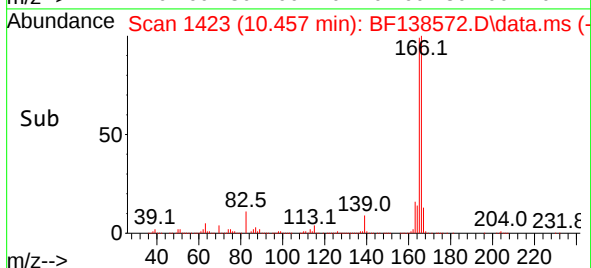
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

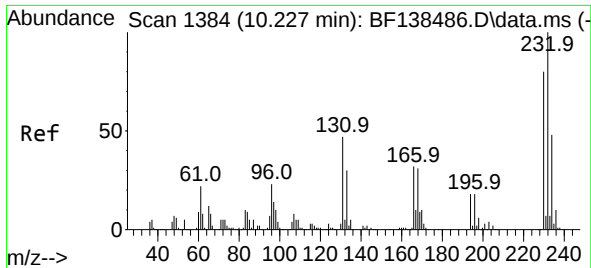


#58
Fluorene
Concen: 55.242 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



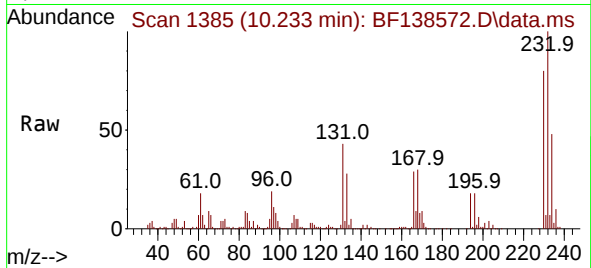
Tgt Ion:166 Resp: 718164
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.580 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

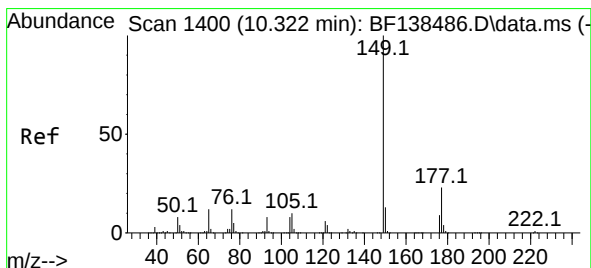
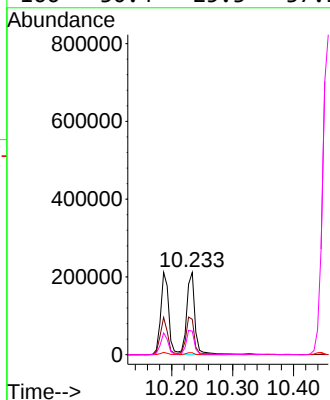
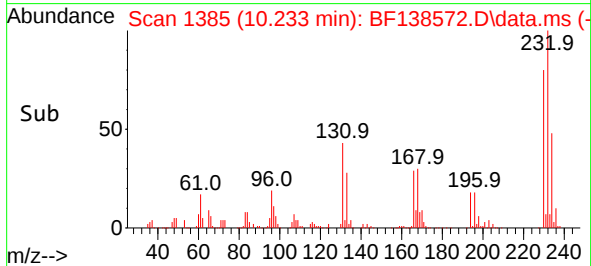
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:232 Resp: 195992
Ion Ratio Lower Upper
232 100
131 46.6 37.5 56.3
130 2.5 2.0 3.0
166 30.4 25.3 37.9

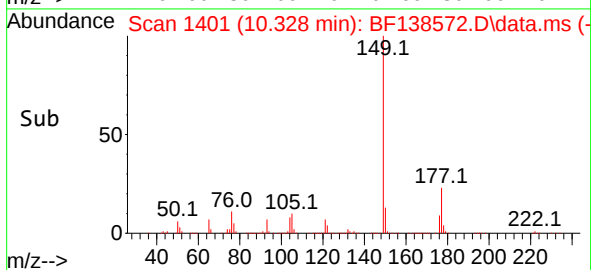
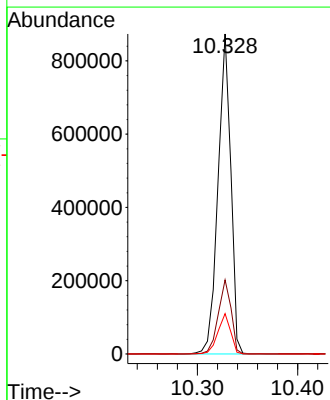
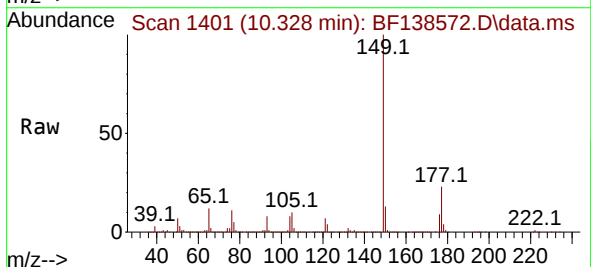
Manual Integrations
APPROVED

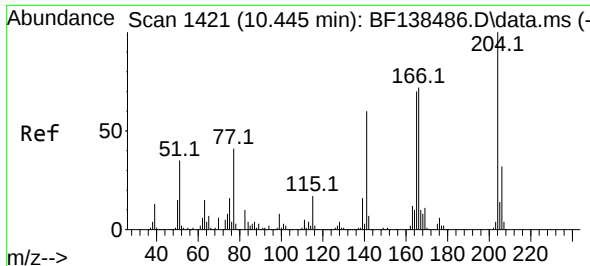
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#60
Diethylphthalate
Concen: 58.856 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

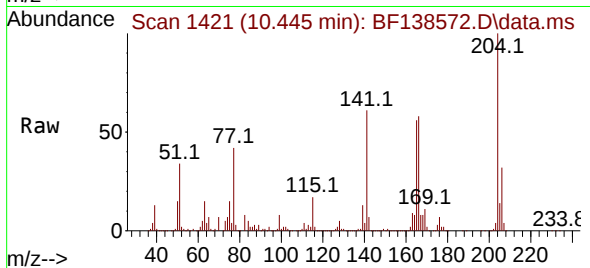
Tgt Ion:149 Resp: 769165
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 55.064 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

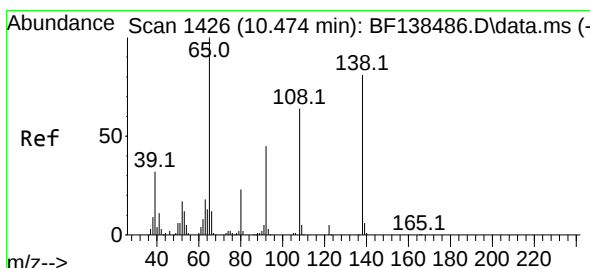
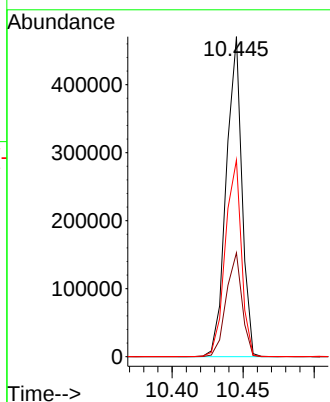
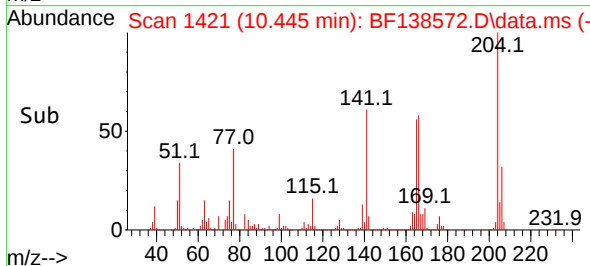
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:204 Resp: 35946
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 61.4 47.7 71.5

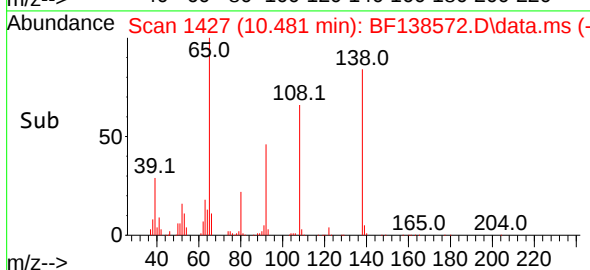
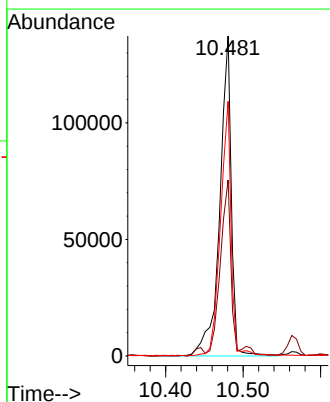
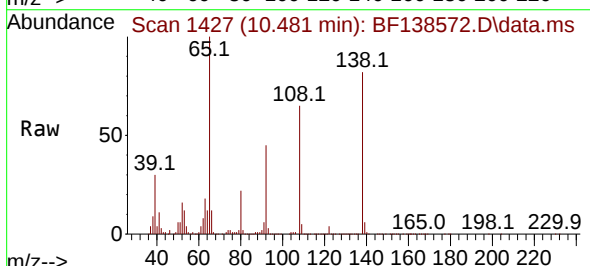
Manual Integrations
APPROVED

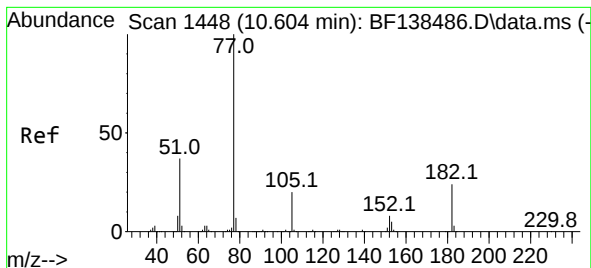
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#62
4-Nitroaniline
Concen: 44.374 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

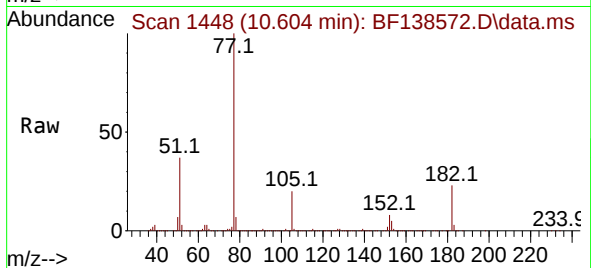
Tgt Ion:138 Resp: 142250
Ion Ratio Lower Upper
138 100
92 55.0 35.8 75.8
108 79.6 59.8 99.8





#63
Azobenzene
Concen: 56.537 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

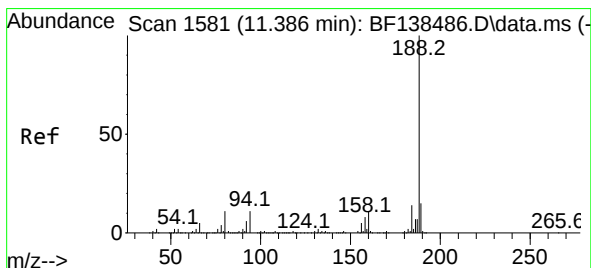
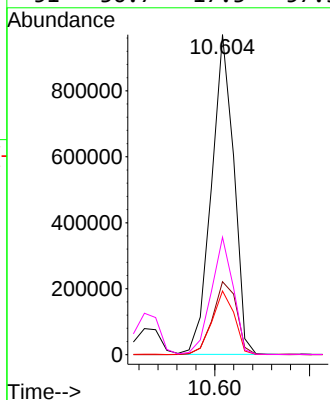
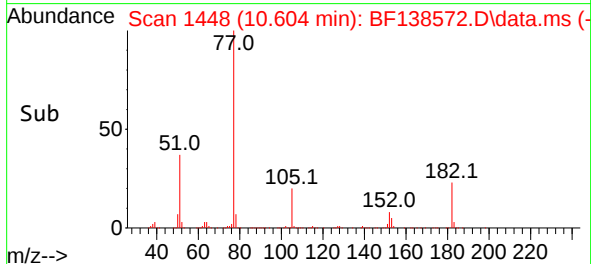
Instrument :
BNA_F
ClientSampleId :
20071MSD



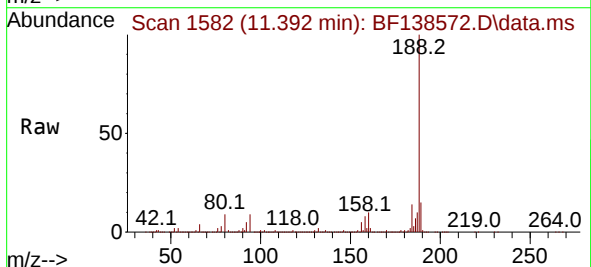
Tgt Ion: 77 Resp: 794372
Ion Ratio Lower Upper
77 100
182 22.8 3.8 43.8
105 19.9 0.0 39.8
51 36.7 17.3 57.3

Manual Integrations
APPROVED

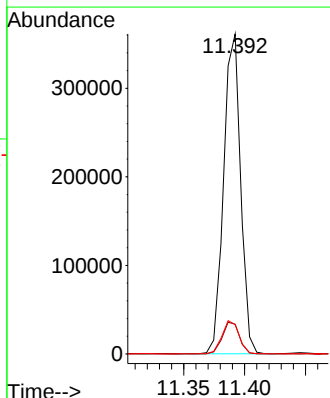
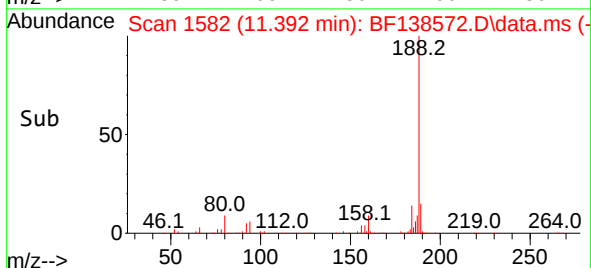
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

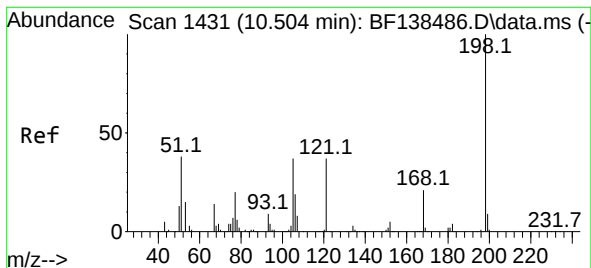


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



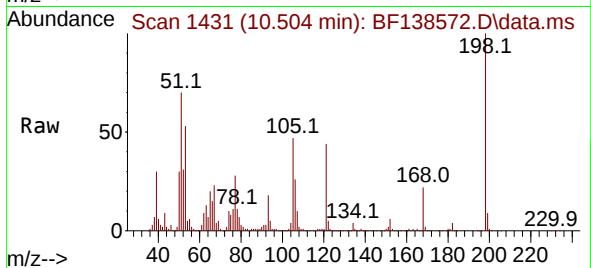
Tgt Ion:188 Resp: 350653
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 9.2 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 67.115 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

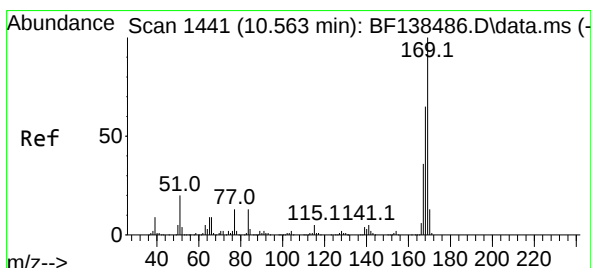
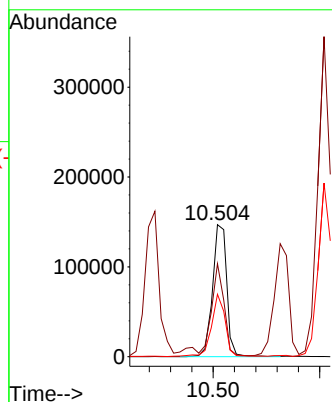
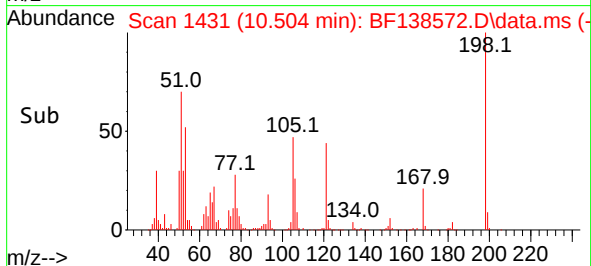
Instrument :
BNA_F
ClientSampleId :
20071MSD



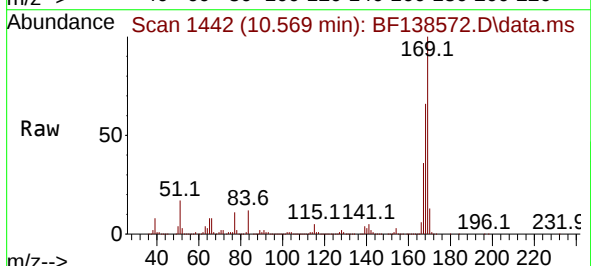
Tgt Ion:198 Resp: 135887
Ion Ratio Lower Upper
198 100
51 70.4 27.2 67.2
105 47.3 18.5 58.5

Manual Integrations
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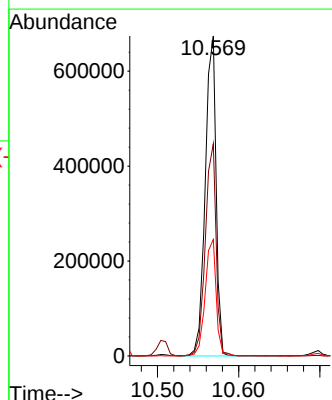
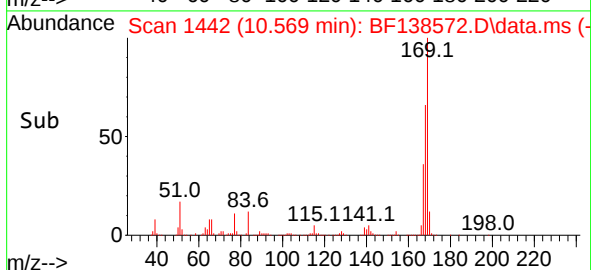
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

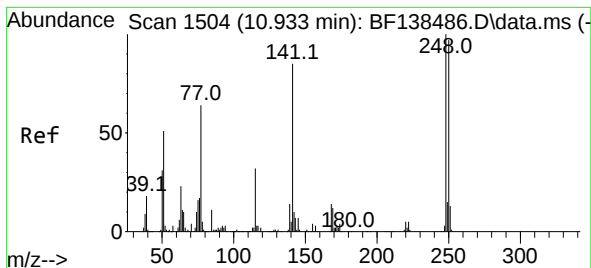


#66
n-Nitrosodiphenylamine
Concen: 59.334 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



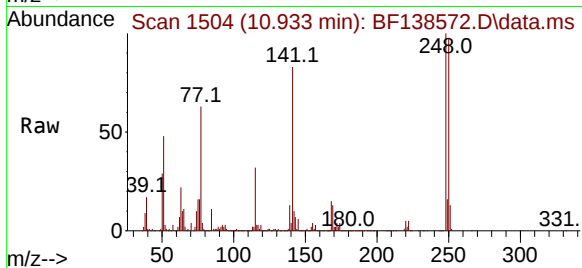
Tgt Ion:169 Resp: 623348
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 36.4 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 59.236 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

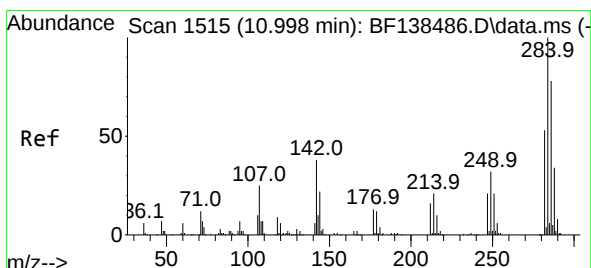
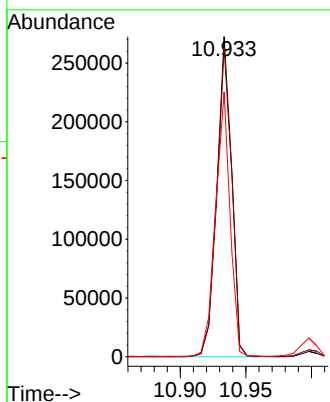
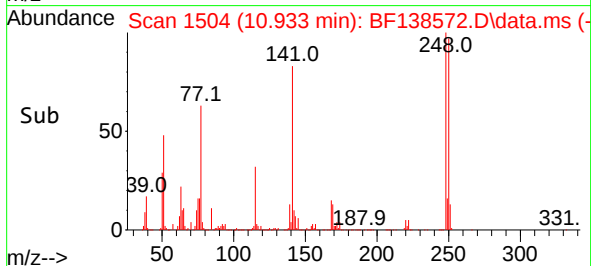
Instrument :
BNA_F
ClientSampleId :
20071MSD



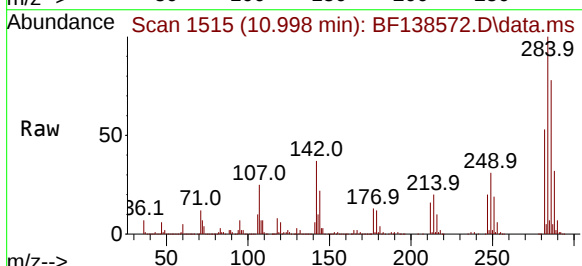
Tgt Ion:248 Resp: 213490
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 82.7 67.7 101.5

Manual Integrations
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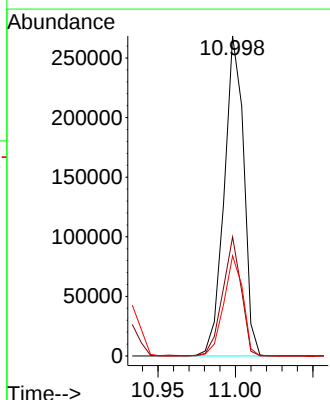
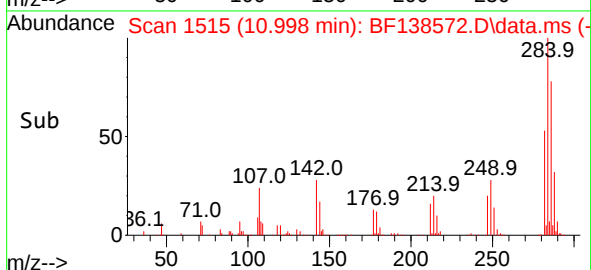
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

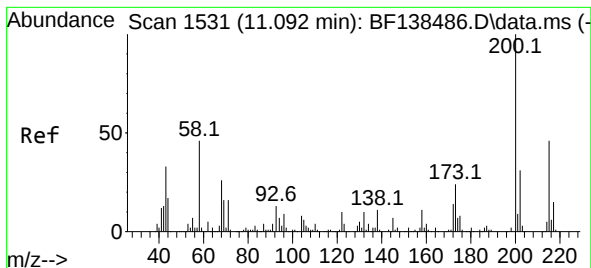


#68
Hexachlorobenzene
Concen: 58.734 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



Tgt Ion:284 Resp: 235160
Ion Ratio Lower Upper
284 100
142 37.2 30.5 45.7
249 31.3 25.9 38.9





#69

Atrazine

Concen: 39.901 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

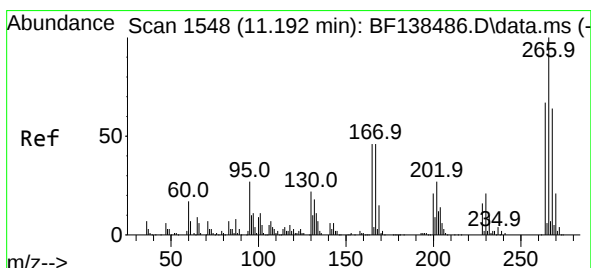
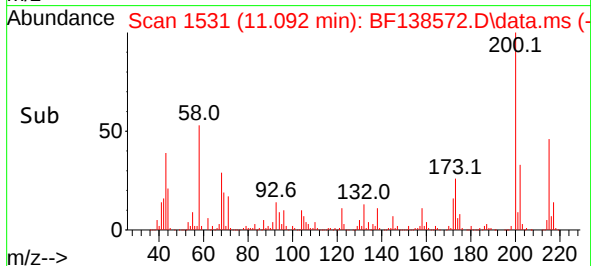
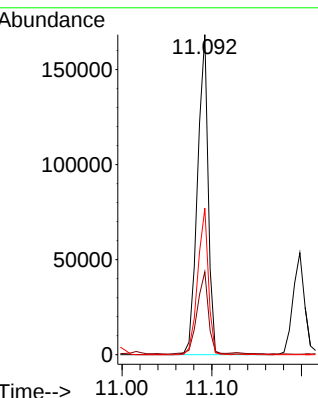
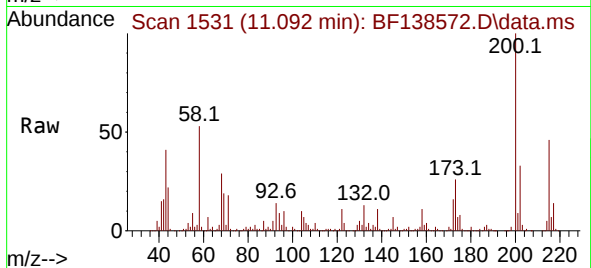
Tgt Ion:200 Resp: 13898
Ion Ratio Lower Upper
200 100
173 25.9 4.1 44.1
215 45.7 26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#70

Pentachlorophenol

Concen: 108.980 ng

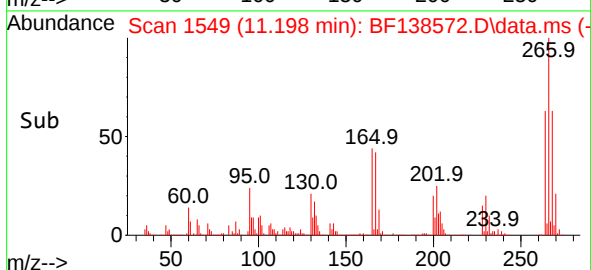
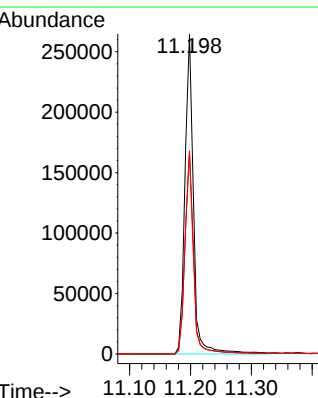
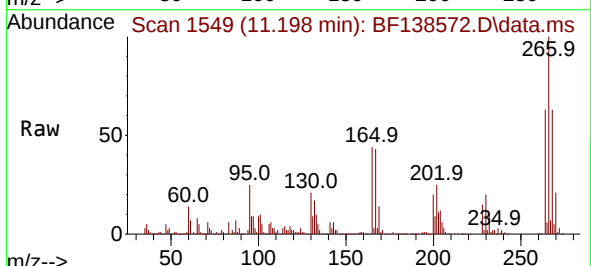
RT: 11.198 min Scan# 1549

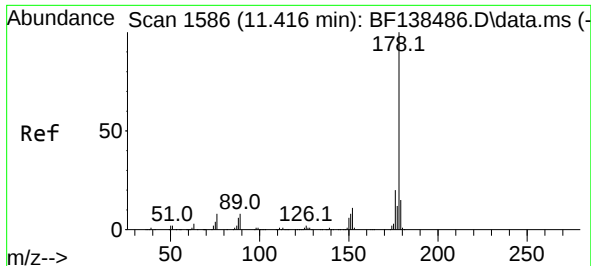
Delta R.T. 0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Tgt Ion:266 Resp: 258193
Ion Ratio Lower Upper
266 100
268 63.4 50.9 76.3
264 63.5 53.5 80.3





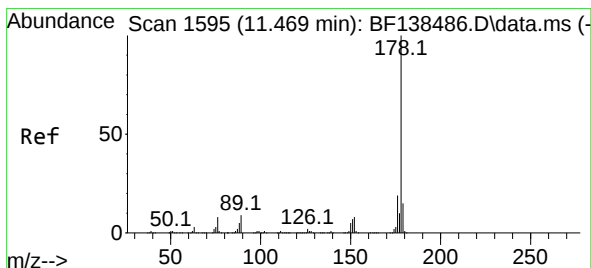
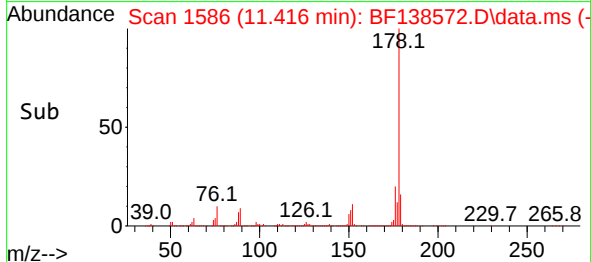
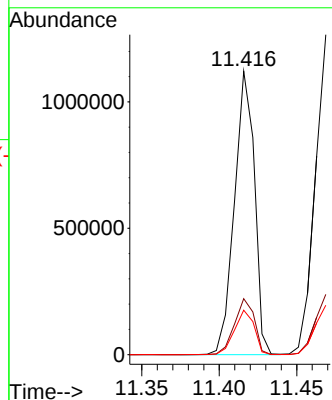
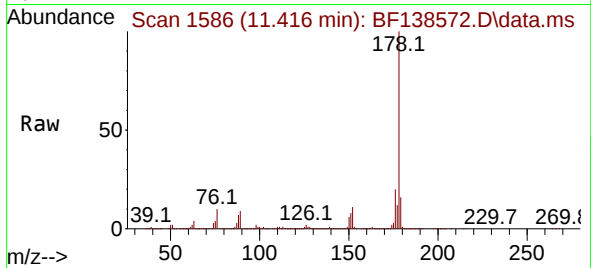
#71
Phenanthrene
Concen: 56.888 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Instrument :
BNA_F
ClientSampleId :
20071MSD

Tgt Ion:178 Resp: 1007789
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.7 12.2 18.2

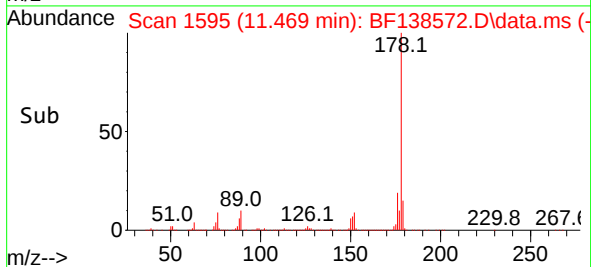
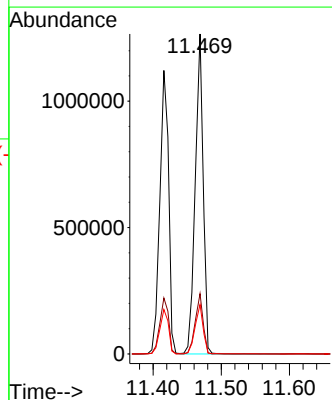
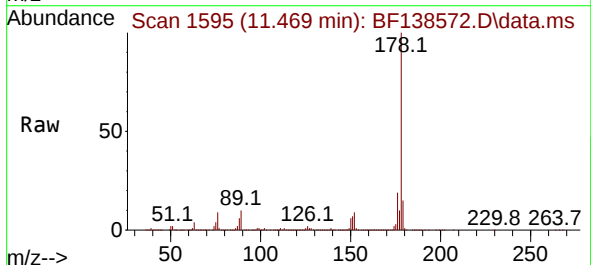
Manual Integrations
APPROVED

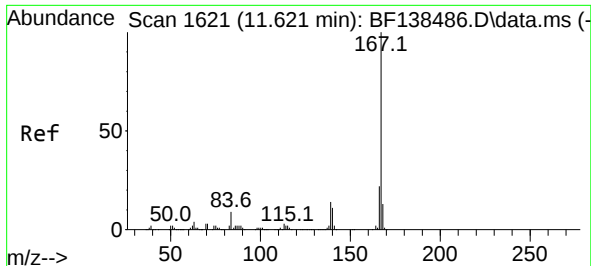
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#72
Anthracene
Concen: 58.321 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

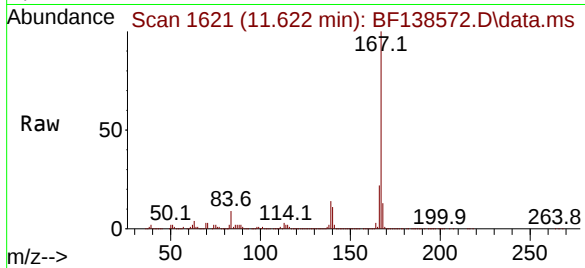
Tgt Ion:178 Resp: 1025585
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 50.606 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138572.D
 Acq: 15 Jul 2024 17:11

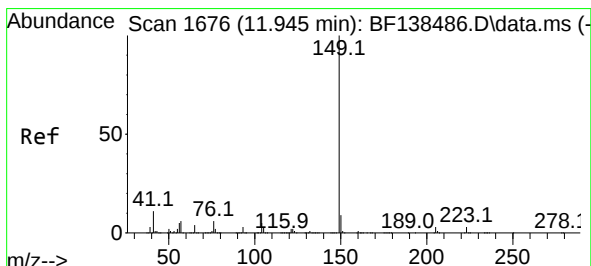
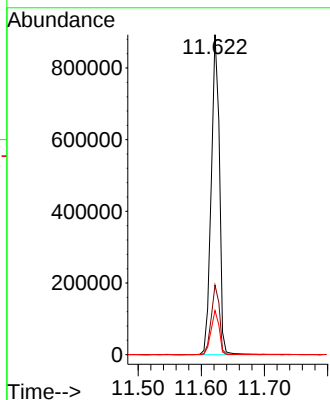
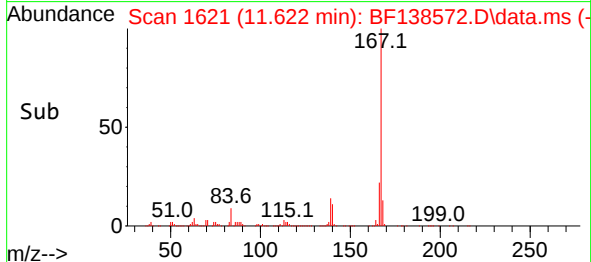
Instrument :
 BNA_F
 ClientSampleId :
 20071MSD



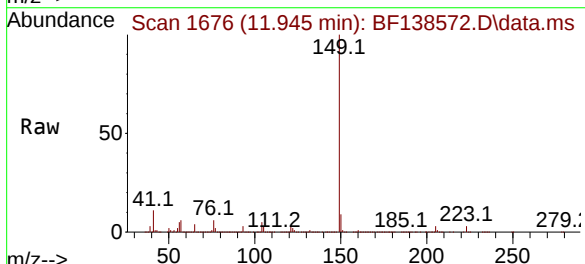
Tgt Ion:167 Resp: 799748
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
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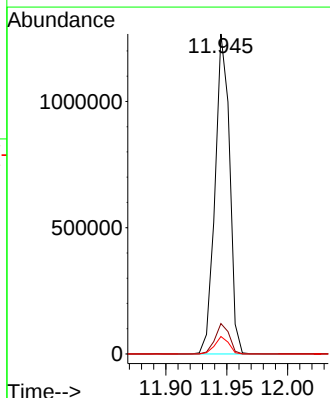
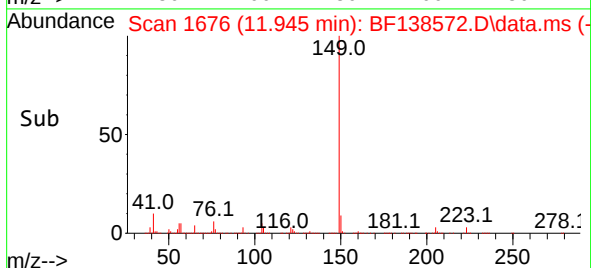
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

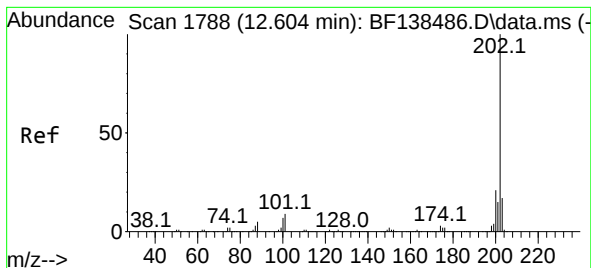


#74
 Di-n-butylphthalate
 Concen: 57.955 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138572.D
 Acq: 15 Jul 2024 17:11



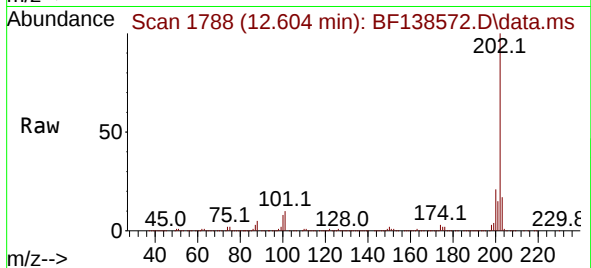
Tgt Ion:149 Resp: 1055718
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 49.569 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

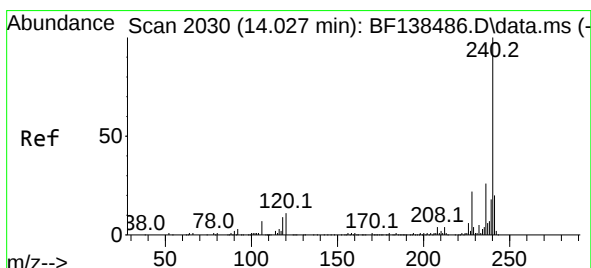
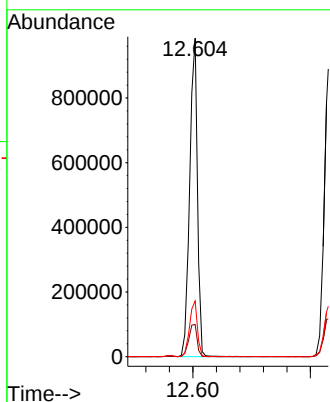
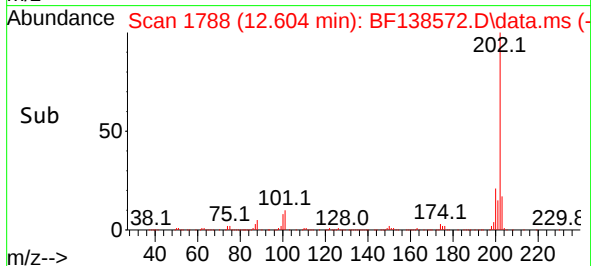
Instrument :
BNA_F
ClientSampleId :
20071MSD



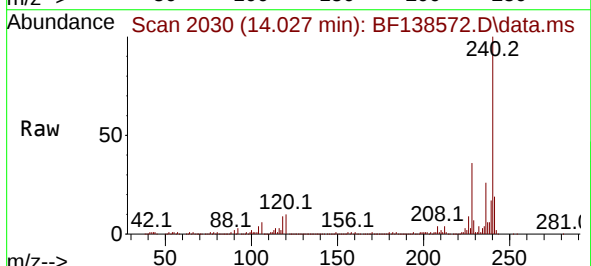
Tgt Ion:202 Resp: 896040
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.2
203 17.5 0.0 37.3

Manual Integrations
APPROVED

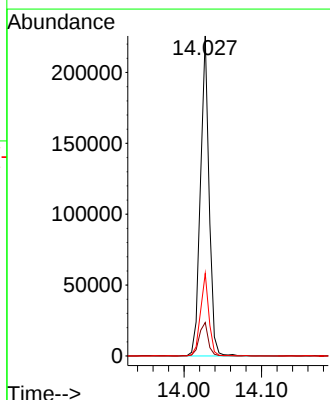
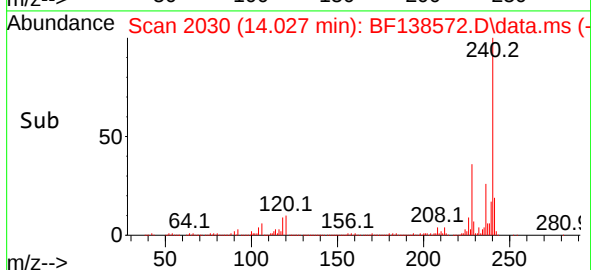
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

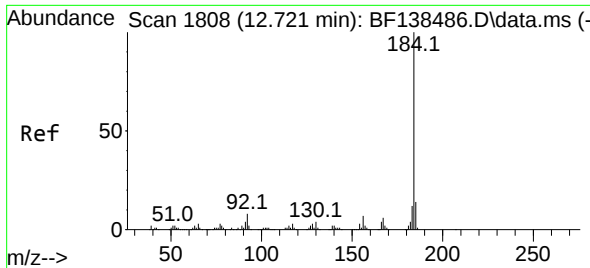


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11



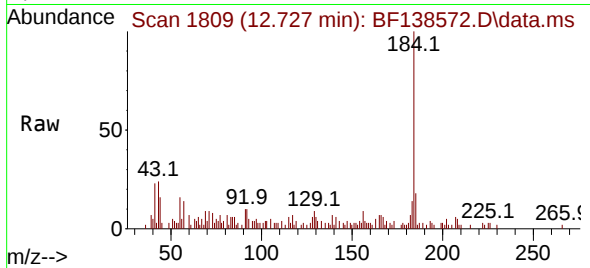
Tgt Ion:240 Resp: 174506
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.8 21.0 31.6





#77
Benzidine
Concen: 4.737 ng m
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

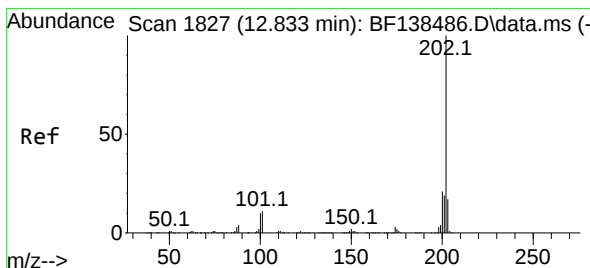
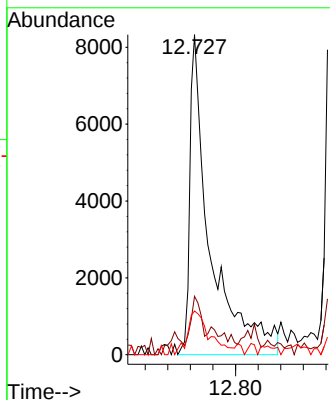
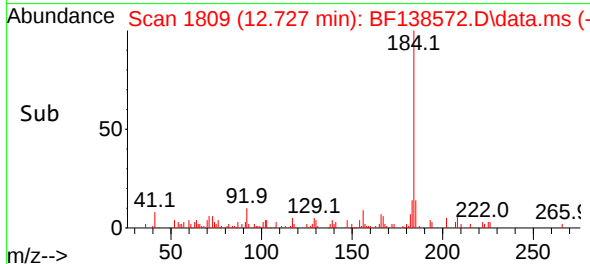
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:184 Resp: 2085
Ion Ratio Lower Upper
184 100
185 18.2 11.3 16.9
183 13.7 9.5 14.3

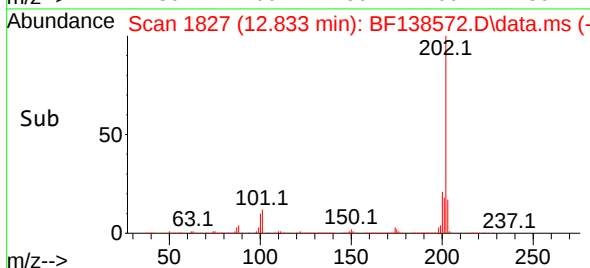
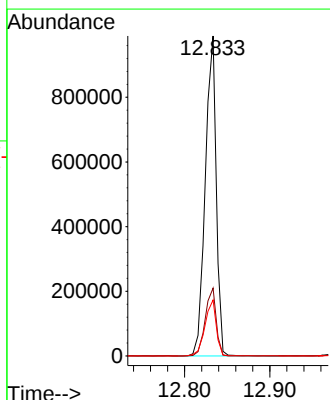
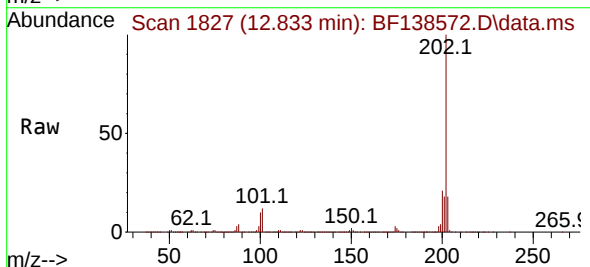
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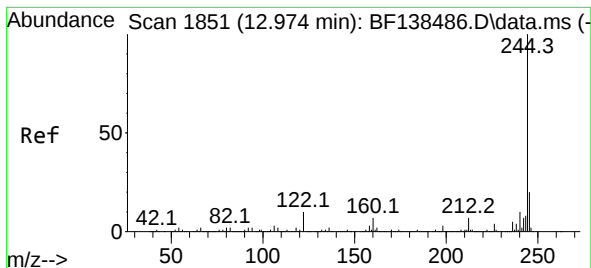
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#78
Pyrene
Concen: 49.769 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion:202 Resp: 881651
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 106.649 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138572.D

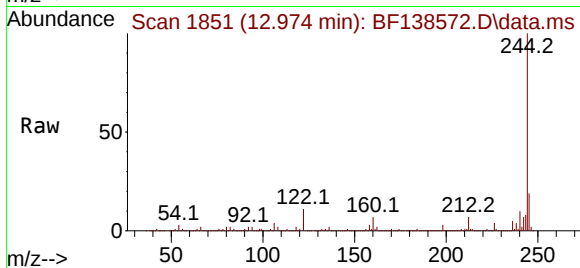
Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD



Tgt Ion:244 Resp: 114239

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

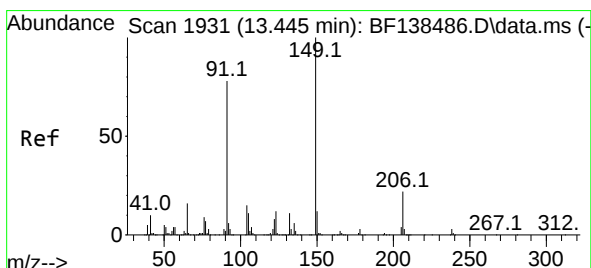
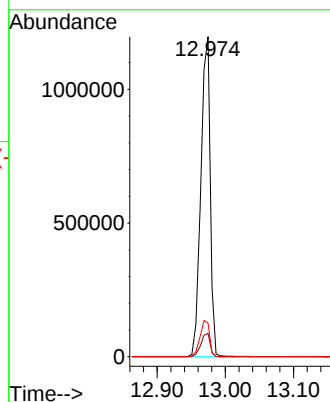
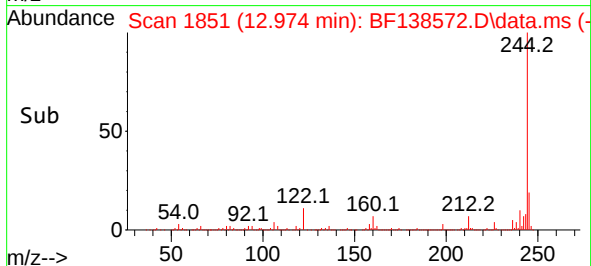
122 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#80

Butylbenzylphthalate

Concen: 60.568 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

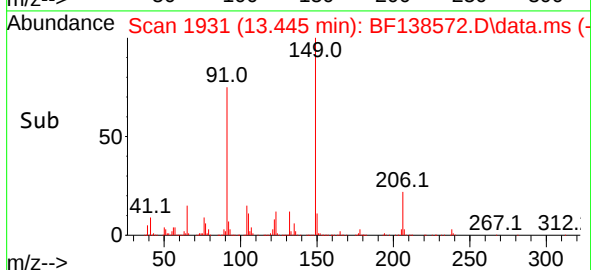
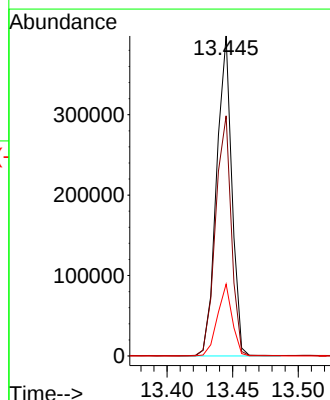
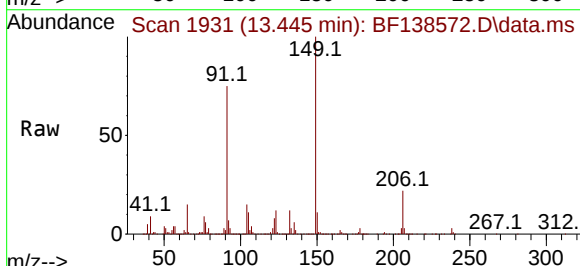
Tgt Ion:149 Resp: 322761

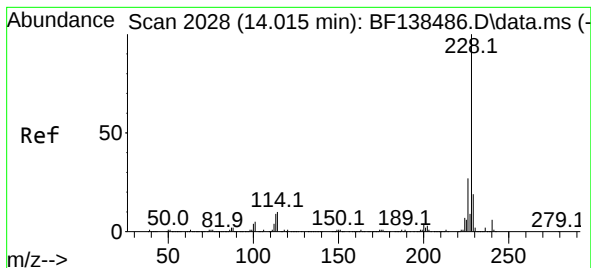
Ion Ratio Lower Upper

149 100

91 75.0 62.1 93.1

206 22.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 57.465 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138572.D

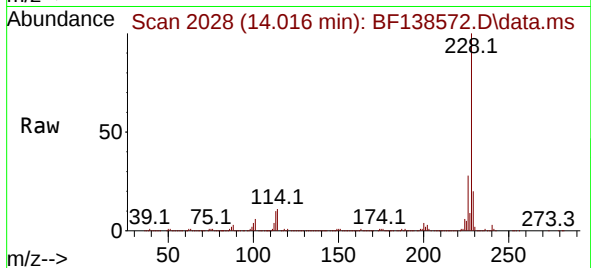
Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD



Tgt Ion:228 Resp: 67287

Ion Ratio Lower Upper

228 100

226 27.9 21.9 32.9

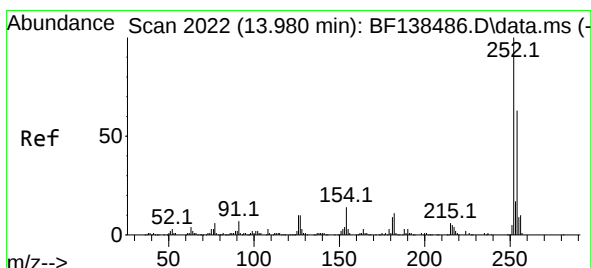
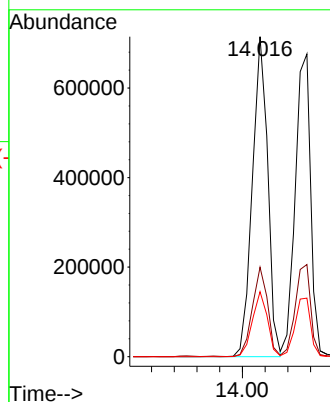
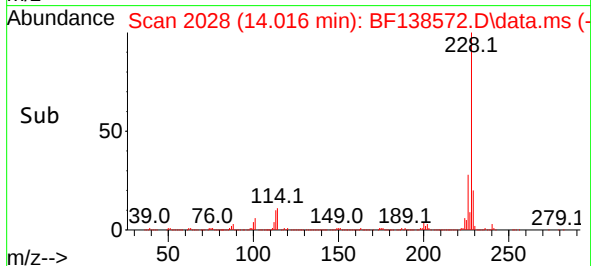
229 20.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 18.684 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

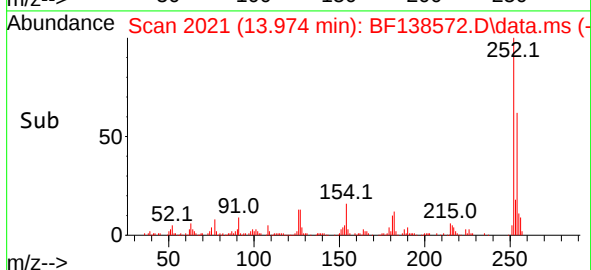
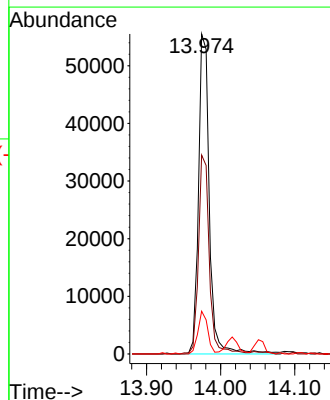
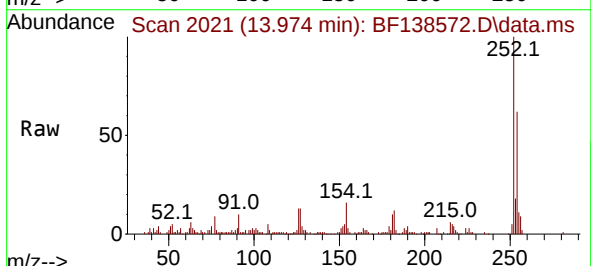
Tgt Ion:252 Resp: 56373

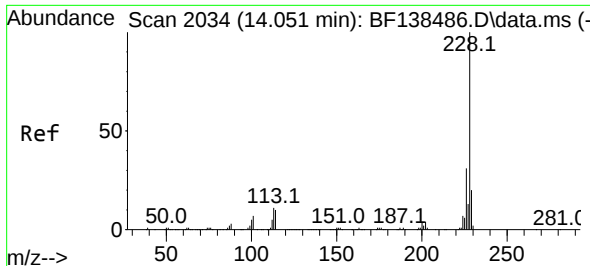
Ion Ratio Lower Upper

252 100

254 62.2 50.3 75.5

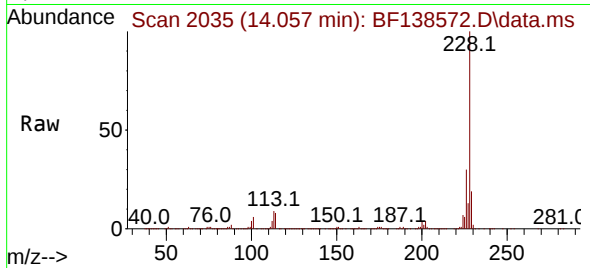
126 13.3 8.1 12.1#





#83
Chrysene
Concen: 57.757 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

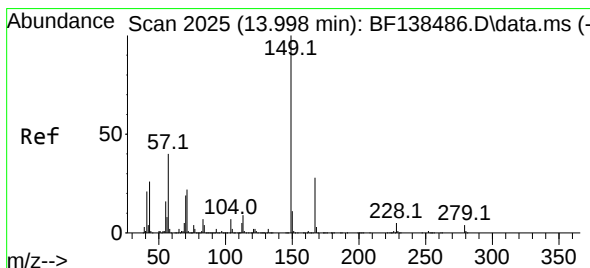
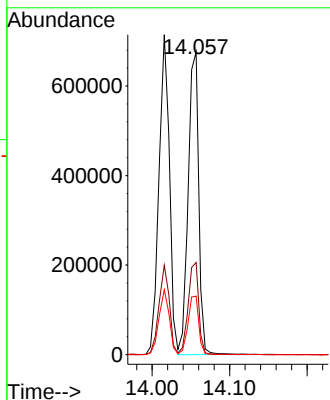
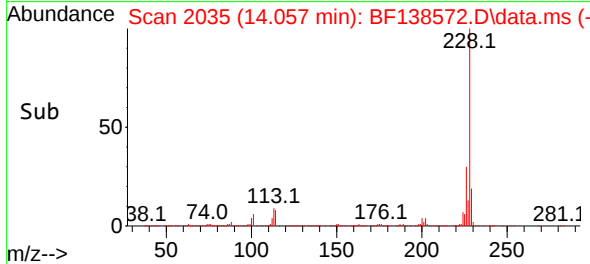
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:228 Resp: 639770
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.4 16.0 24.0

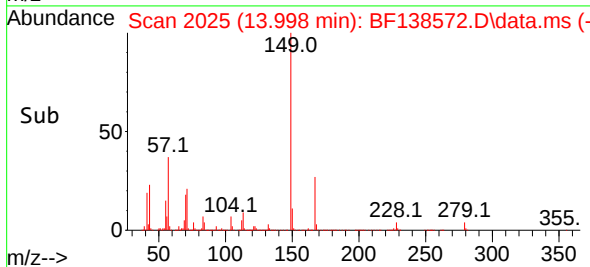
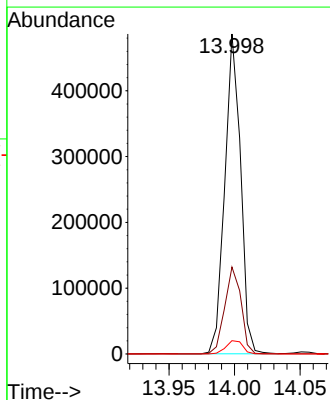
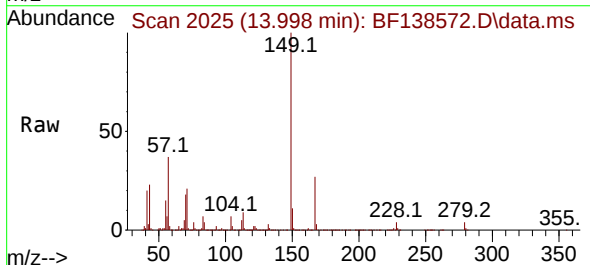
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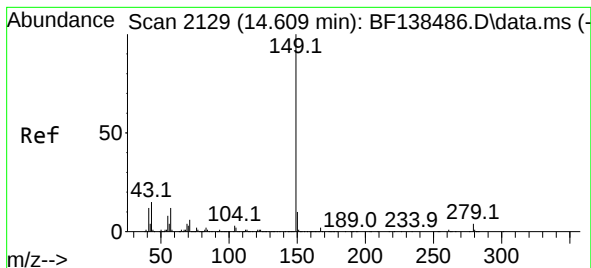
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 71.425 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion:149 Resp: 405938
Ion Ratio Lower Upper
149 100
167 27.1 22.5 33.7
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 78.403 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

Tgt Ion:149 Resp: 70393

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

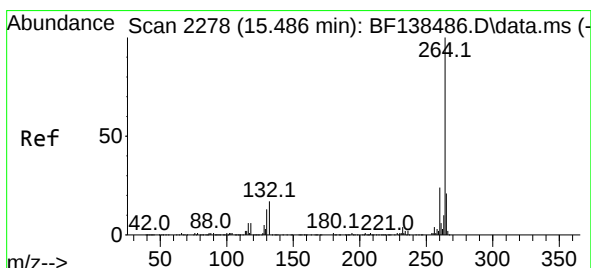
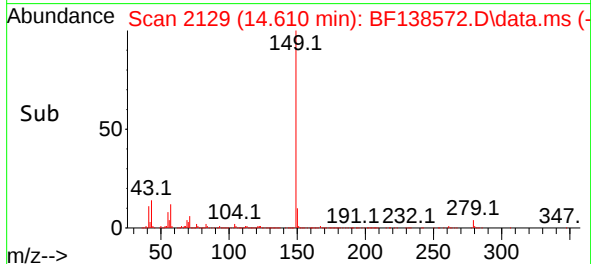
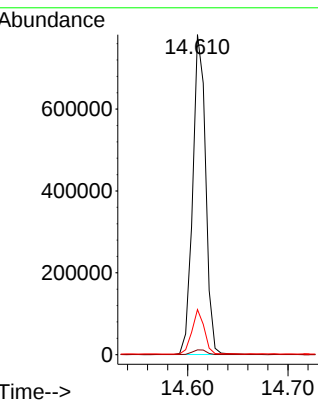
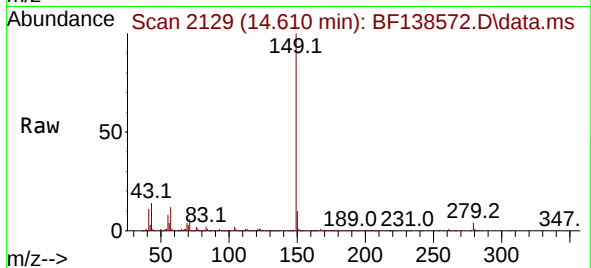
43 13.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

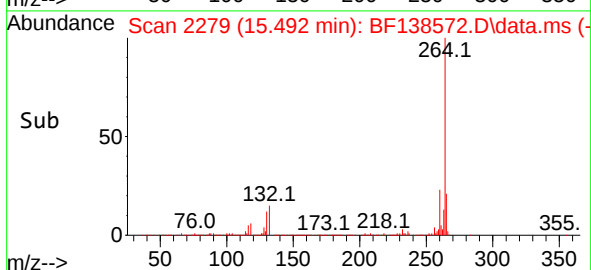
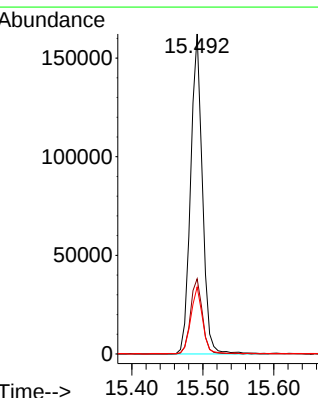
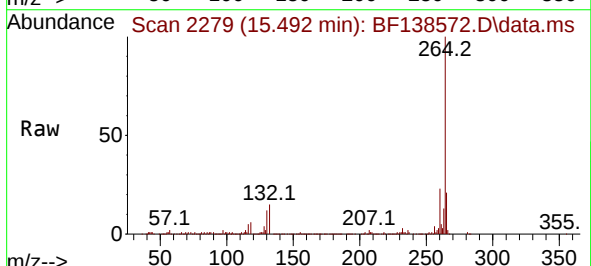
Tgt Ion:264 Resp: 188279

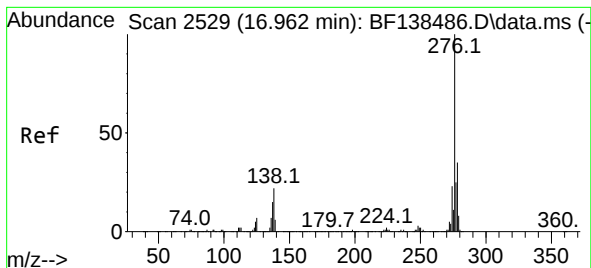
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.393 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

20071MSD

Tgt Ion:276 Resp: 738486

Ion Ratio Lower Upper

276 100

138 24.7 19.6 29.4

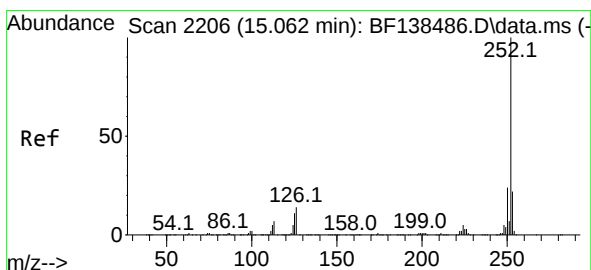
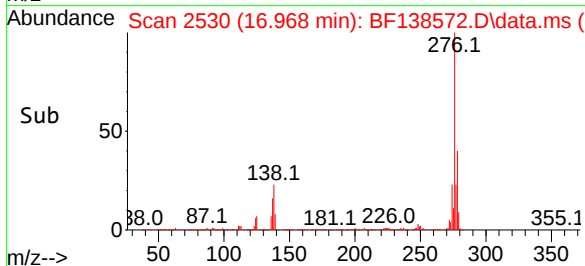
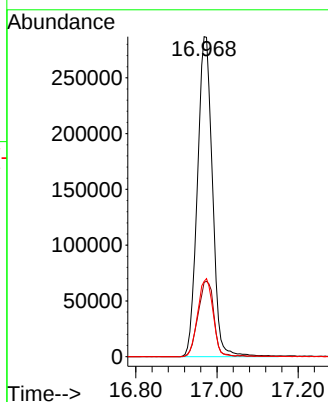
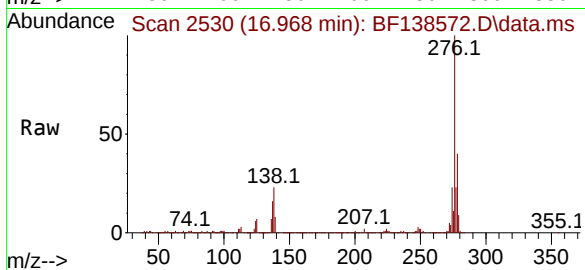
277 25.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#88

Benzo(b)fluoranthene

Concen: 60.199 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF138572.D

Acq: 15 Jul 2024 17:11

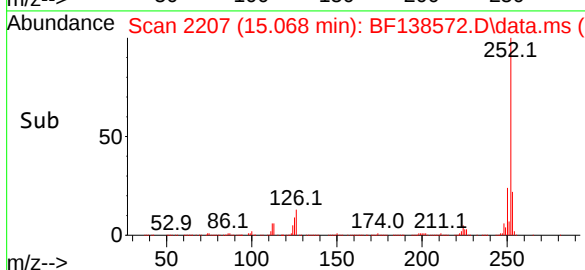
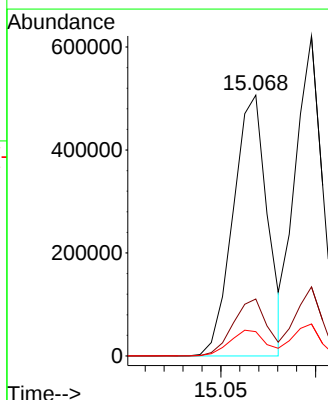
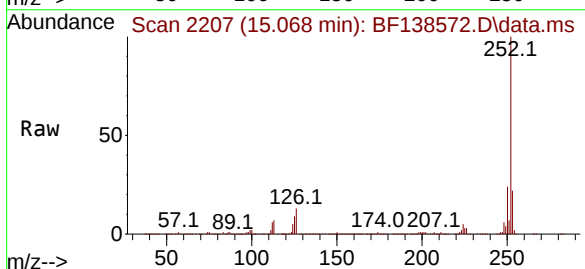
Tgt Ion:252 Resp: 638310

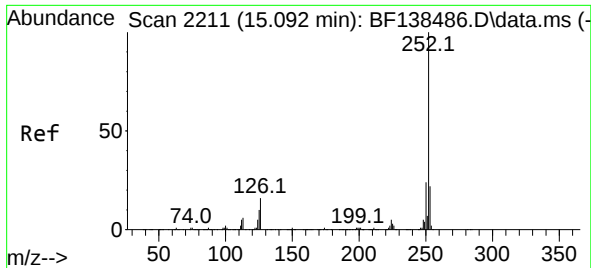
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

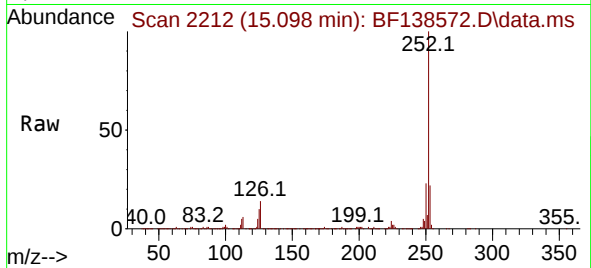
125 9.3 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 59.375 ng
RT: 15.098 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

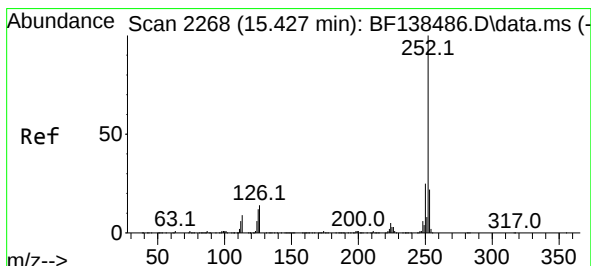
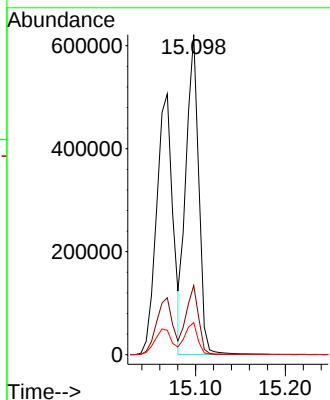
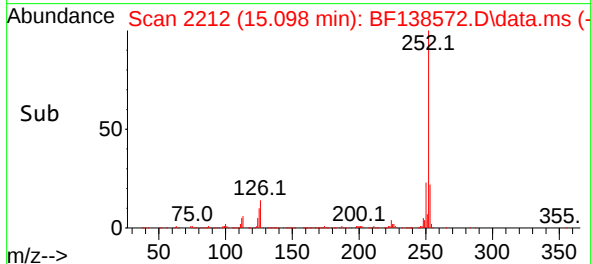
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion:252 Resp: 61401
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 10.0 8.1 12.1

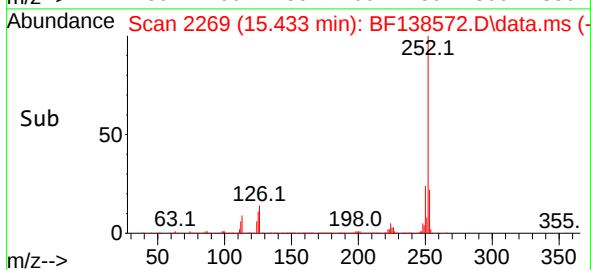
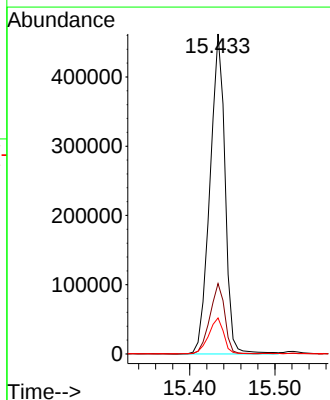
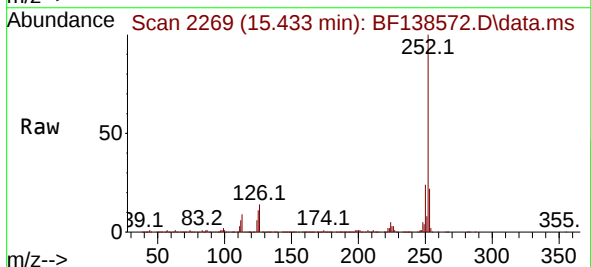
Manual Integrations
APPROVED

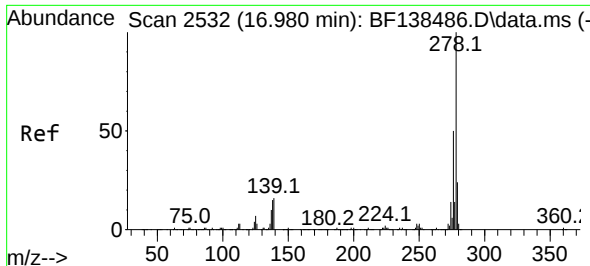
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#90
Benzo(a)pyrene
Concen: 61.114 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

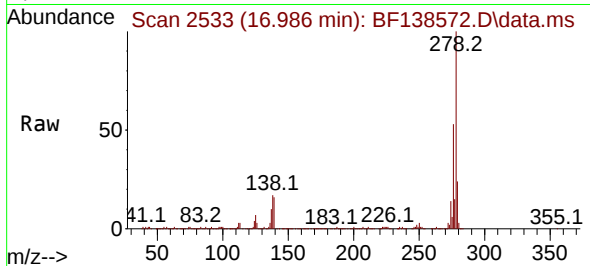
Tgt Ion:252 Resp: 569248
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.2 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 58.767 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

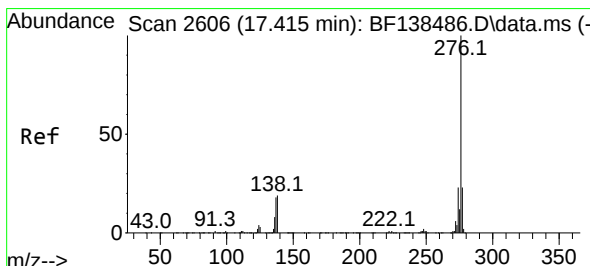
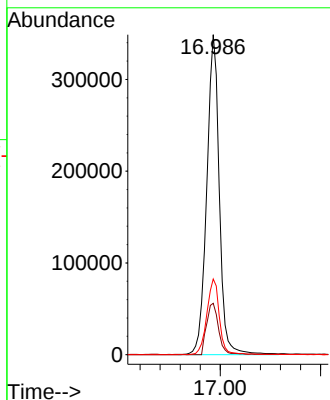
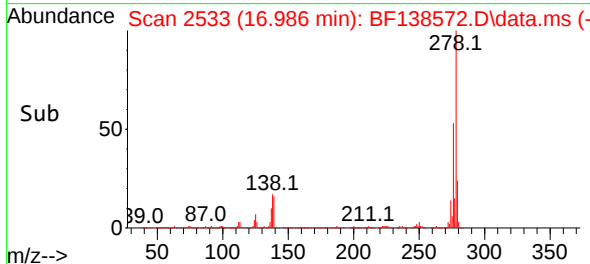
Instrument :
BNA_F
ClientSampleId :
20071MSD



Tgt Ion: 278 Resp: 60795
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#92
Benzo(g,h,i)perylene
Concen: 48.744 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.000 min
Lab File: BF138572.D
Acq: 15 Jul 2024 17:11

Tgt Ion: 276 Resp: 534717
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 23.4 15.5 23.3#

