

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138564.D
 Acq On : 15 Jul 2024 11:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 20:47:37 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	126849	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	471947	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	262281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	457739	20.000	ng	0.00
76) Chrysene-d12	14.027	240	234715	20.000	ng	0.00
86) Perylene-d12	15.498	264	233968	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	670704	83.740	ng	0.00
7) Phenol-d6	6.510	99	814726	76.465	ng	0.00
23) Nitrobenzene-d5	7.440	82	794166	82.619	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	201872	82.354	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1314303	78.318	ng	0.00
79) Terphenyl-d14	12.975	244	1161625	80.626	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	145482	41.012	ng	99
3) Pyridine	3.405	79	374424	42.801	ng	96
4) n-Nitrosodimethylamine	3.369	42	227816	40.005	ng	90
6) Aniline	6.534	93	385204	38.598	ng	99
8) 2-Chlorophenol	6.657	128	330472	39.021	ng	97
9) Benzaldehyde	6.422	77	233688	40.976	ng	99
10) Phenol	6.522	94	429148	37.946	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	326920	38.394	ng	97
12) 1,3-Dichlorobenzene	6.810	146	375116	39.404	ng	99
13) 1,4-Dichlorobenzene	6.887	146	378464	39.150	ng	99
14) 1,2-Dichlorobenzene	7.040	146	376127	41.775	ng	98
15) Benzyl Alcohol	7.010	79	335331	41.936	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	763556	45.599	ng	98
17) 2-Methylphenol	7.128	107	319591	46.045	ng	98
18) Hexachloroethane	7.381	117	154522	43.480	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	272536	41.396	ng	96
20) 3+4-Methylphenols	7.281	107	365732	41.844	ng	93
22) Acetophenone	7.281	105	504790	44.039	ng	# 99
24) Nitrobenzene	7.457	77	405333	41.495	ng	94
25) Isophorone	7.693	82	755323	45.756	ng	98
26) 2-Nitrophenol	7.769	139	196453	46.923	ng	98
27) 2,4-Dimethylphenol	7.804	122	238164	46.284	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	416781	42.246	ng	98
29) 2,4-Dichlorophenol	8.016	162	269771	40.372	ng	96
30) 1,2,4-Trichlorobenzene	8.093	180	308551	39.638	ng	99
31) Naphthalene	8.175	128	965361	39.330	ng	99
32) Benzoic acid	7.940	122	189297m	38.570	ng	
33) 4-Chloroaniline	8.222	127	332311	38.587	ng	99
34) Hexachlorobutadiene	8.287	225	191207	39.889	ng	99
35) Caprolactam	8.604	113	86200	39.977	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	291892	39.018	ng	96
37) 2-Methylnaphthalene	8.863	142	619316	39.209	ng	98
38) 1-Methylnaphthalene	8.963	142	604430	39.209	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	295813	40.467	ng	100
41) Hexachlorocyclopentadiene	9.010	237	83649	35.255	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	188712	40.471	ng	99

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

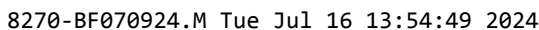
Quant Time: Jul 15 20:47:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
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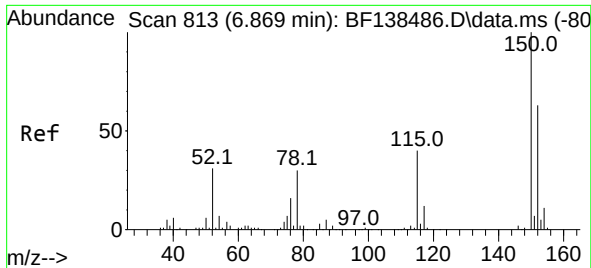
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	205807	40.129	ng	95
46) 1,1'-Biphenyl	9.328	154	787356	39.612	ng	99
47) 2-Chloronaphthalene	9.351	162	601990	40.090	ng	100
48) 2-Nitroaniline	9.451	65	205518	39.496	ng	96
49) Acenaphthylene	9.769	152	842774	39.531	ng	100
50) Dimethylphthalate	9.628	163	683612	40.308	ng	99
51) 2,6-Dinitrotoluene	9.692	165	156964	40.197	ng	88
52) Acenaphthene	9.939	154	556819	39.292	ng	98
53) 3-Nitroaniline	9.863	138	160192	40.025	ng	95
54) 2,4-Dinitrophenol	9.969	184	73274	37.591	ng	96
55) Dibenzofuran	10.110	168	818380	39.814	ng	99
56) 4-Nitrophenol	10.028	139	108606	36.777	ng	97
57) 2,4-Dinitrotoluene	10.098	165	207983	41.165	ng	92
58) Fluorene	10.457	166	645565	39.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	163232	40.329	ng	98
60) Diethylphthalate	10.328	149	664118	40.620	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	327930	40.153	ng	99
62) 4-Nitroaniline	10.475	138	158297	39.470	ng	96
63) Azobenzene	10.604	77	698396	39.731	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	115052	43.530	ng	82
66) n-Nitrosodiphenylamine	10.563	169	552639	40.297	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	195758	41.609	ng	98
68) Hexachlorobenzene	11.004	284	213134	40.779	ng	# 89
69) Atrazine	11.092	200	160957	35.399	ng	98
70) Pentachlorophenol	11.198	266	119072	38.501	ng	97
71) Phenanthrene	11.416	178	904554	39.115	ng	99
72) Anthracene	11.469	178	901377	39.266	ng	99
73) Carbazole	11.622	167	809868	39.258	ng	99
74) Di-n-butylphthalate	11.945	149	1007642	42.375	ng	99
75) Fluoranthene	12.604	202	927241	39.295	ng	99
77) Benzidine	12.722	184	196367	33.160	ng	99
78) Pyrene	12.833	202	928242	38.958	ng	99
80) Butylbenzylphthalate	13.445	149	320673	44.740	ng	99
81) Benzo(a)anthracene	14.016	228	623394	39.582	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	173478	42.747	ng	98
83) Chrysene	14.057	228	589173	39.544	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	381633	49.924	ng	99
85) Di-n-octyl phthalate	14.610	149	595077	49.277	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	679239	43.220	ng	100
88) Benzo(b)fluoranthene	15.069	252	518692	39.365	ng	99
89) Benzo(k)fluoranthene	15.098	252	492458	38.321	ng	99
90) Benzo(a)pyrene	15.433	252	454512	39.267	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	561455	43.674	ng	98
92) Benzo(g,h,i)perylene	17.427	276	643216	47.185	ng	96

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

Manual Integrations

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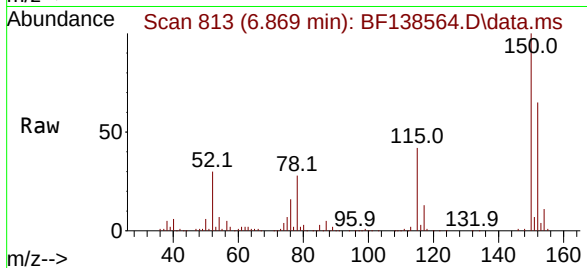
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF138564.D
 Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

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SSTDCCC040



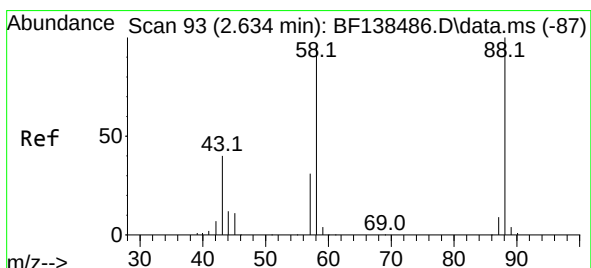
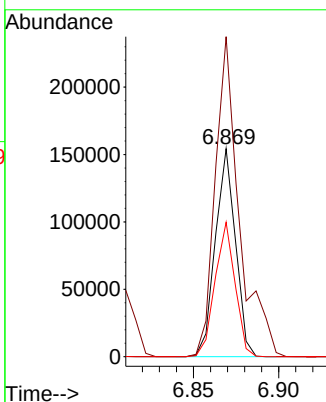
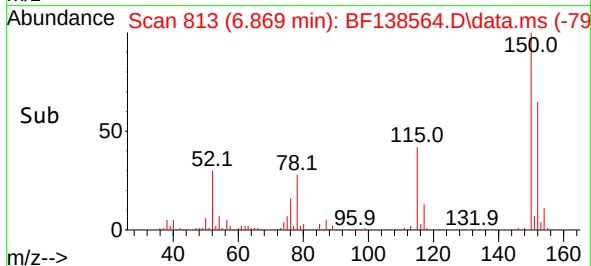
Tgt Ion:152 Resp: 126849
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.4
 115 64.6 50.3 75.5

Manual Integrations

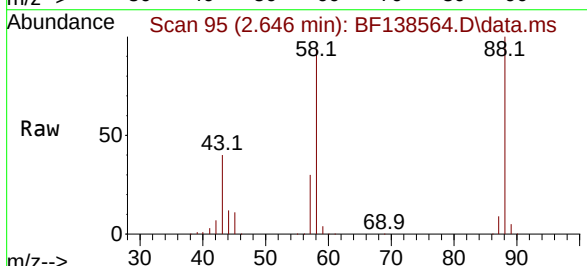
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

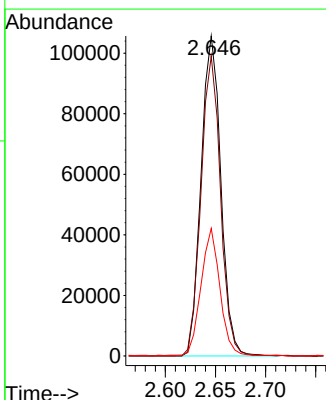
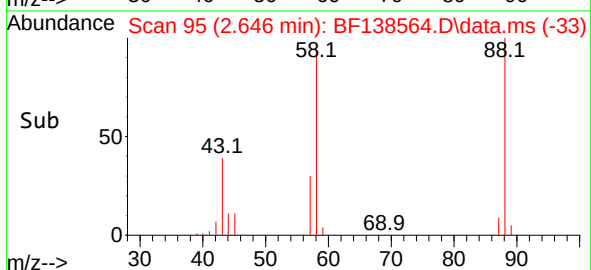
Supervised By :mohammad ahmed 07/16/2024

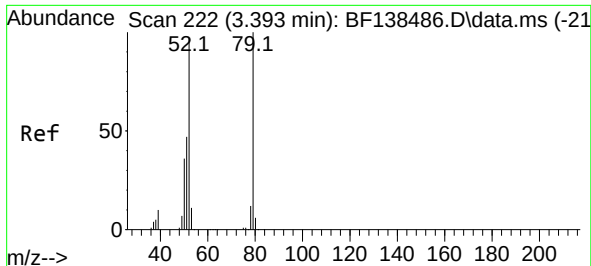


#2
 1,4-Dioxane
 Concen: 41.012 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.012 min
 Lab File: BF138564.D
 Acq: 15 Jul 2024 11:51



Tgt Ion: 88 Resp: 145482
 Ion Ratio Lower Upper
 88 100
 58 92.5 74.6 112.0
 43 38.5 31.8 47.6





#3

Pyridine

Concen: 42.801 ng

RT: 3.405 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138564.D

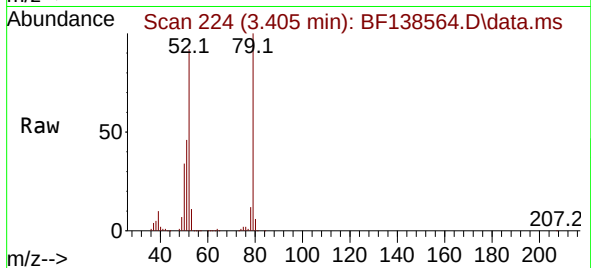
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



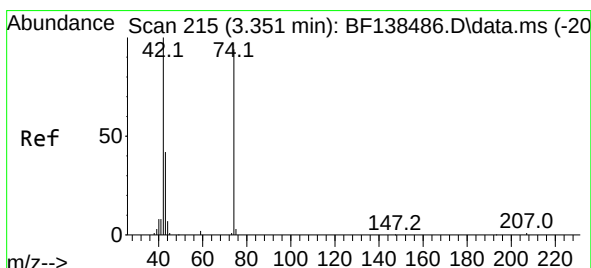
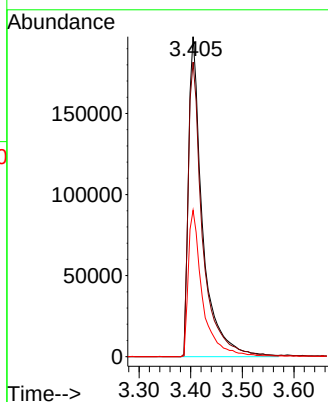
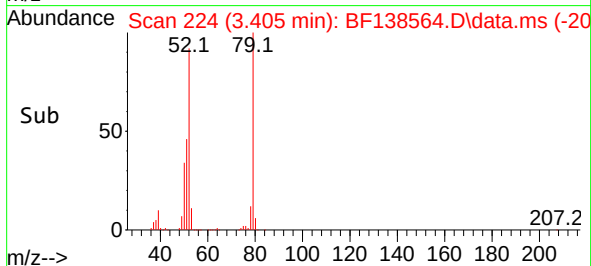
Tgt Ion:	79	Resp:	374424
Ion Ratio	Lower	Upper	
79	100		
52	92.1	77.4	116.2
51	45.8	37.4	56.0

Manual Integrations

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Supervised By :mohammad ahmed 07/16/2024



#4

n-Nitrosodimethylamine

Concen: 40.005 ng

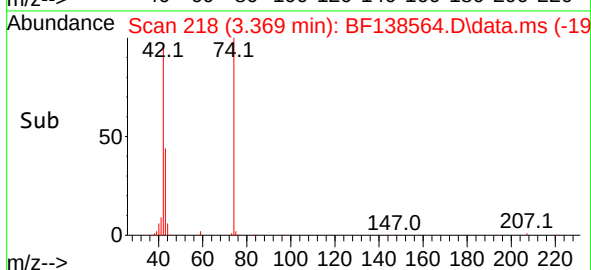
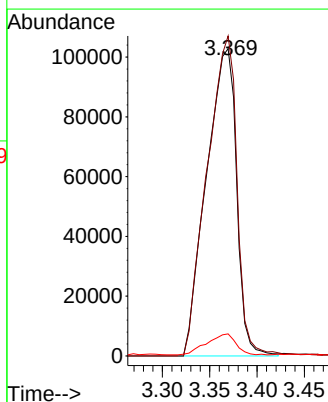
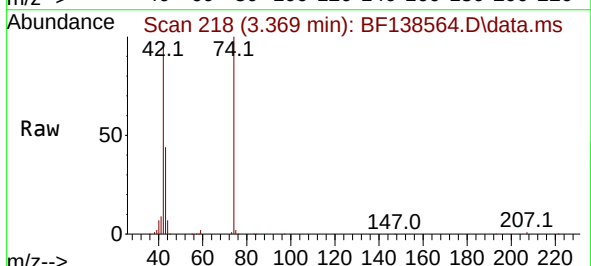
RT: 3.369 min Scan# 218

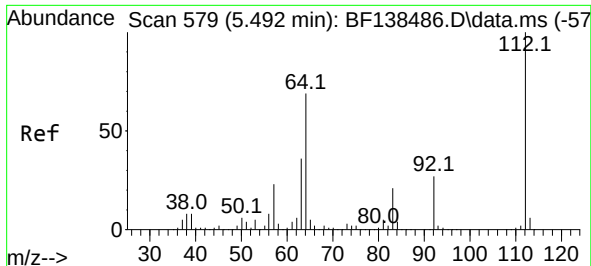
Delta R.T. 0.018 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Tgt Ion:	42	Resp:	227816
Ion Ratio	Lower	Upper	
42	100		
74	104.1	75.0	112.6
44	7.2	5.4	8.2





#5
2-Fluorophenol
Concen: 83.740 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

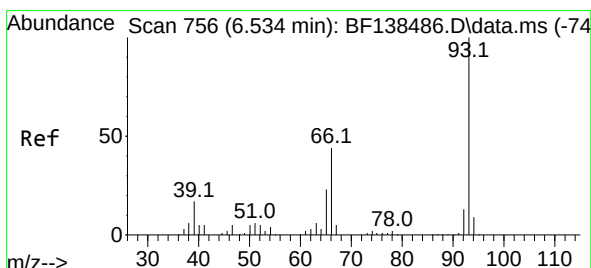
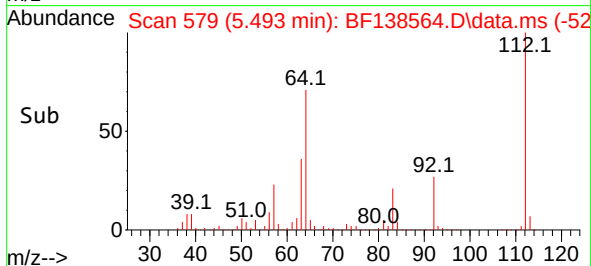
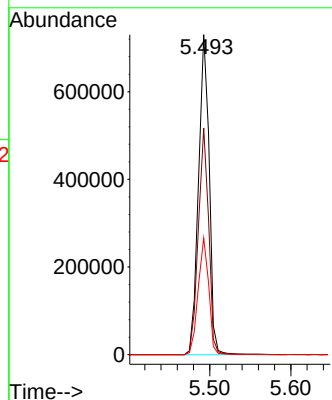
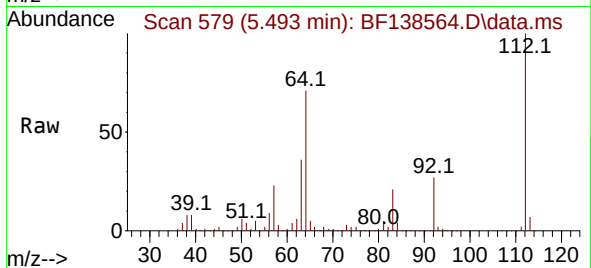
SSTDCCC040

Tgt Ion:112 Resp: 670704
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 36.5 29.0 43.6

Manual Integrations

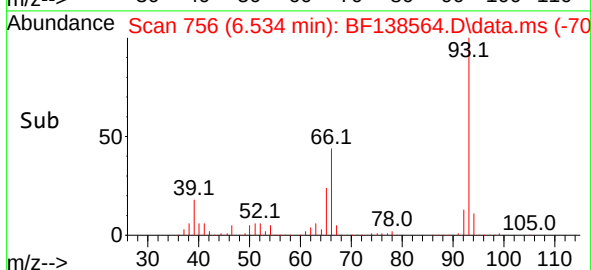
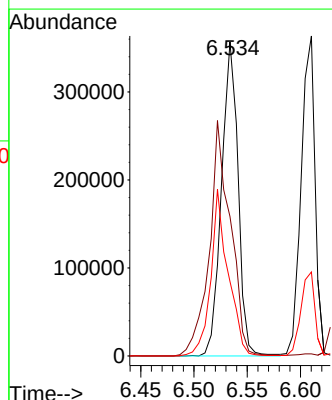
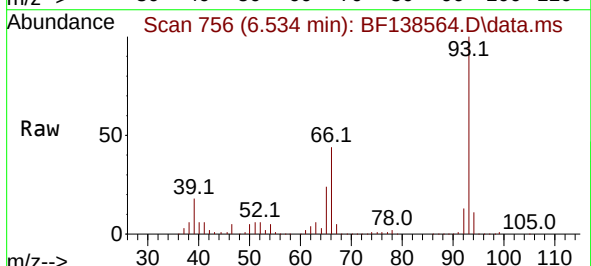
APPROVED

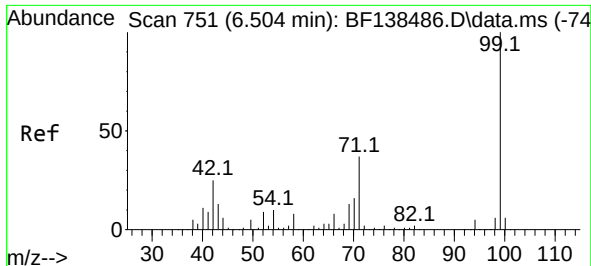
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#6
Aniline
Concen: 38.598 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion: 93 Resp: 385204
Ion Ratio Lower Upper
93 100
66 44.5 35.4 53.0
65 23.8 18.6 27.8





#7
Phenol-d6
Concen: 76.465 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

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ClientSampleId :

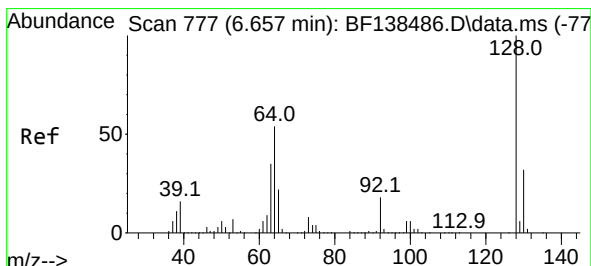
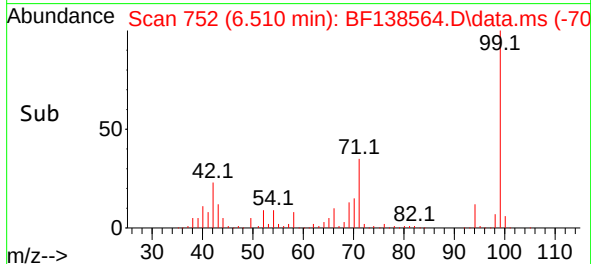
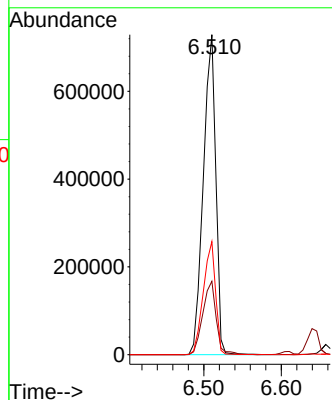
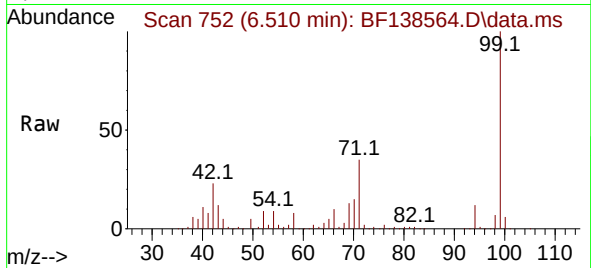
SSTDCCC040

Tgt Ion: 99 Resp: 814720
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 35.4 29.9 44.9

Manual Integrations

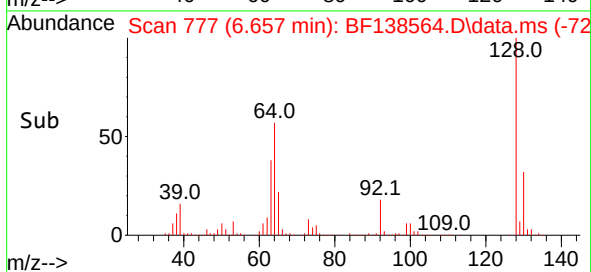
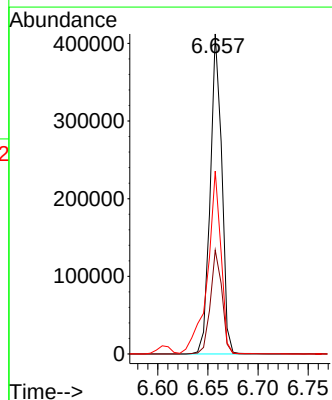
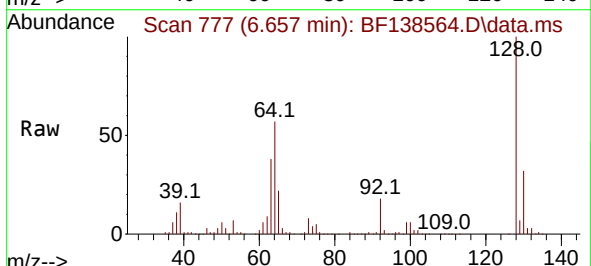
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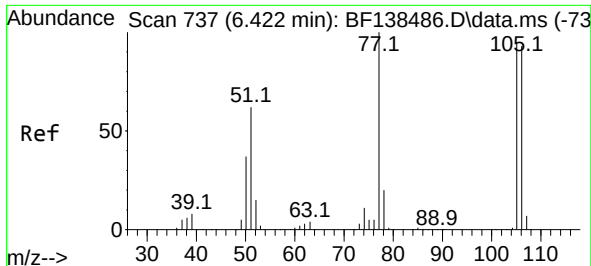
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#8
2-Chlorophenol
Concen: 39.021 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:128 Resp: 330472
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 57.2 34.4 74.4





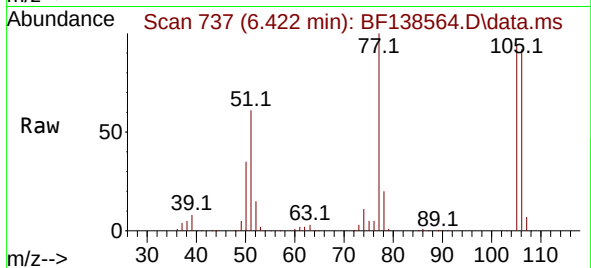
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Benzaldehyde
Concen: 40.976 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF138564.D
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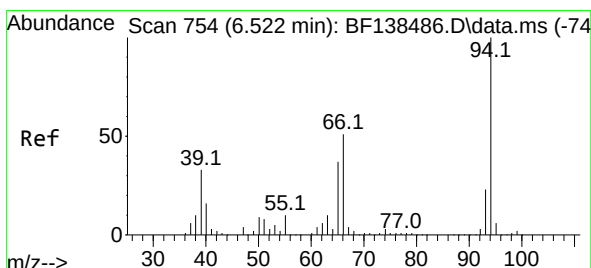
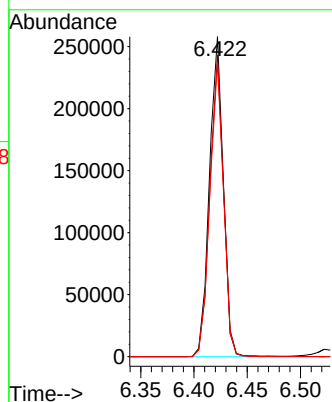
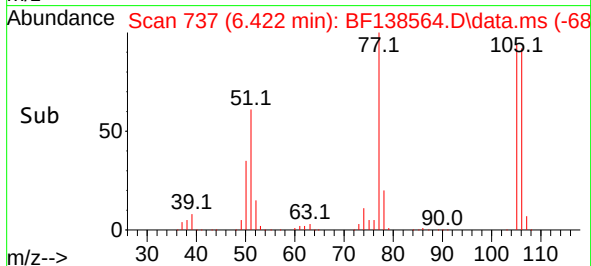
Tgt Ion: 77 Resp: 23368
Ion Ratio Lower Upper
77 100
105 94.3 75.1 115.1
106 91.9 73.2 113.2

Manual Integrations

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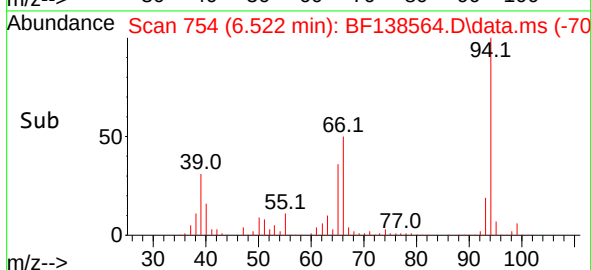
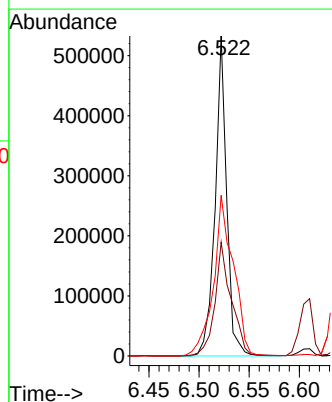
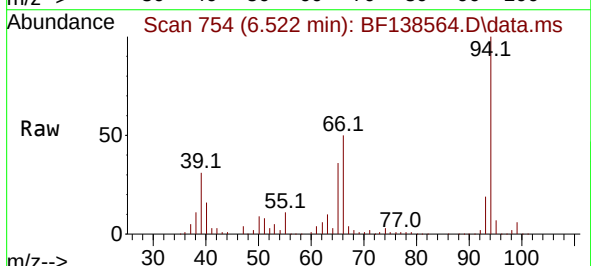
Reviewed By :Yogesh Patel 07/16/2024

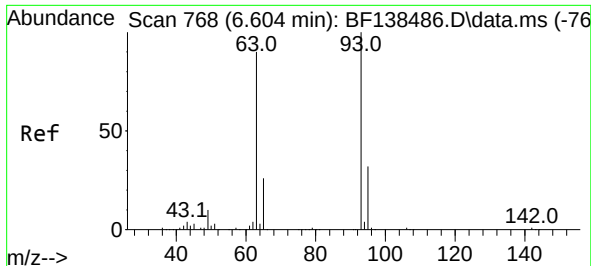
Supervised By :mohammad ahmed 07/16/2024



#10
Phenol
Concen: 37.946 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion: 94 Resp: 429148
Ion Ratio Lower Upper
94 100
65 35.5 16.7 56.7
66 50.2 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 38.394 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

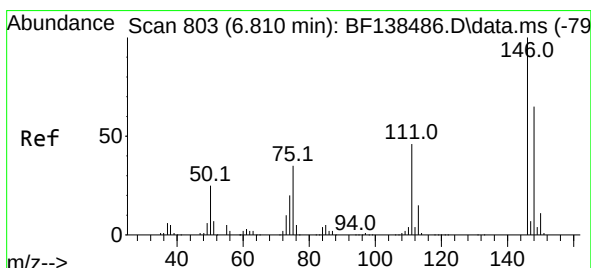
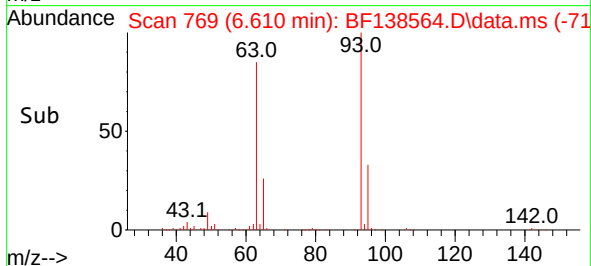
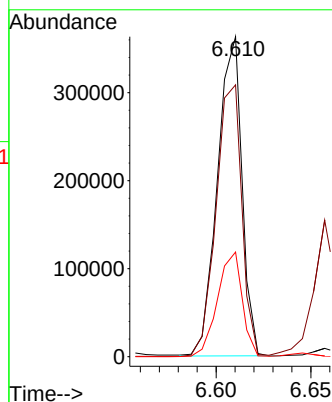
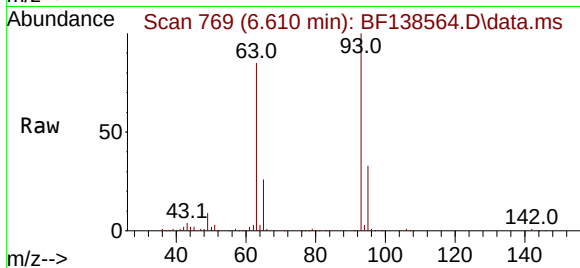
SSTDCCC040

Tgt Ion: 93 Resp: 326920
Ion Ratio Lower Upper
93 100
63 85.0 68.8 108.8
95 32.7 11.8 51.8

Manual Integrations

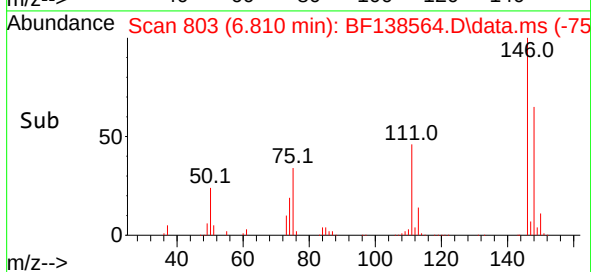
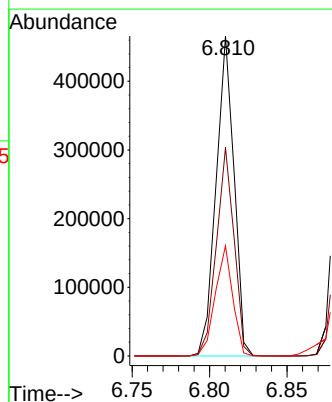
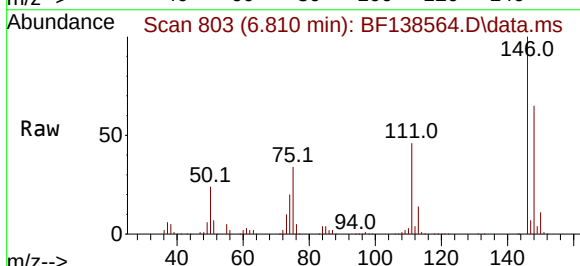
APPROVED

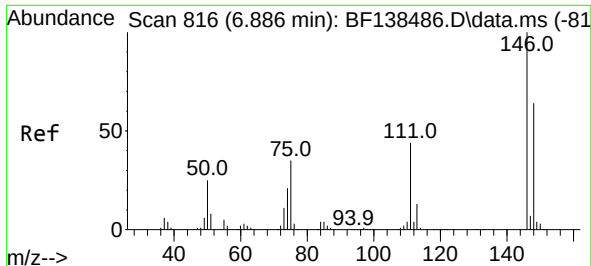
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

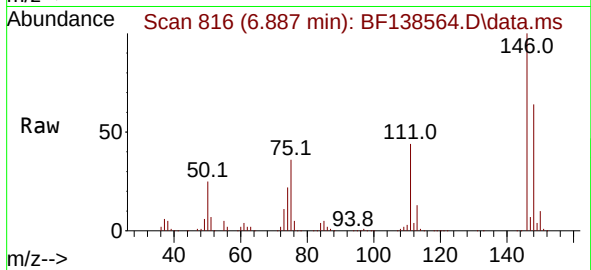
Tgt Ion:146 Resp: 375116
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
75 34.4 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 39.150 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

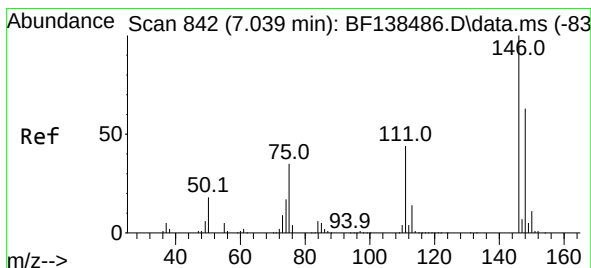
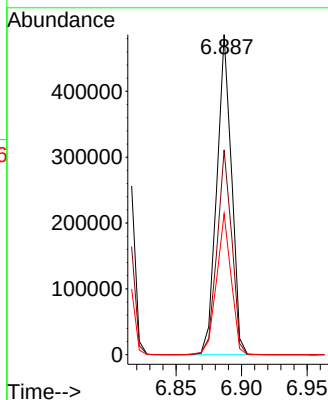
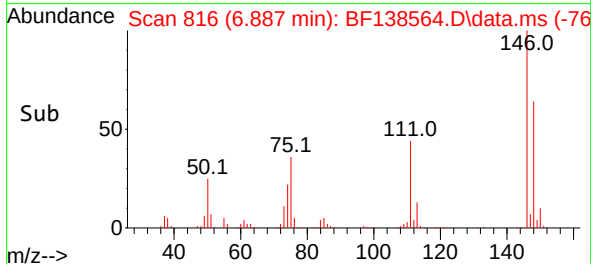
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



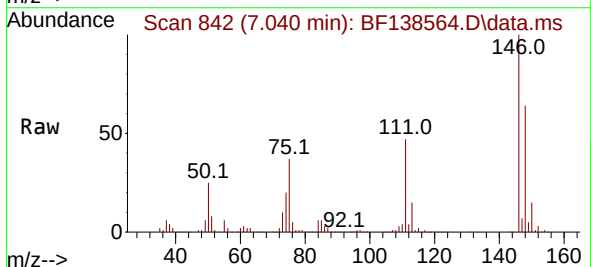
Tgt Ion:146 Resp: 378464
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 44.1 34.9 52.3

Manual Integrations
APPROVED

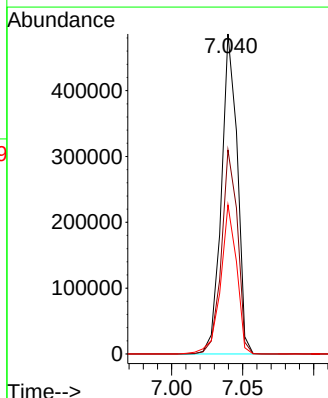
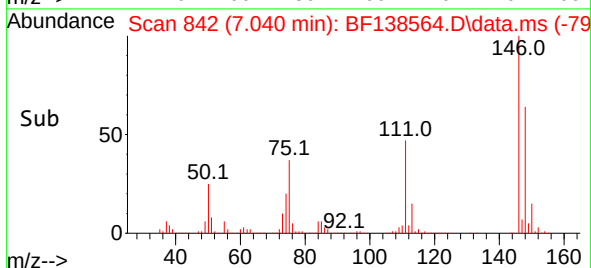
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

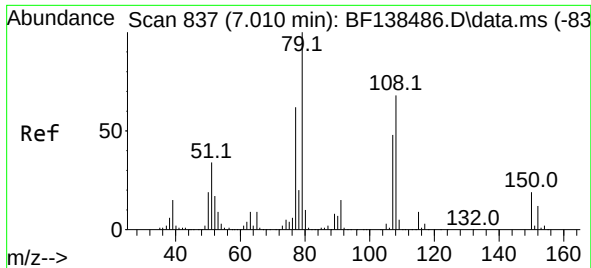


#14
1,2-Dichlorobenzene
Concen: 41.775 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:146 Resp: 376127
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 46.6 35.5 53.3





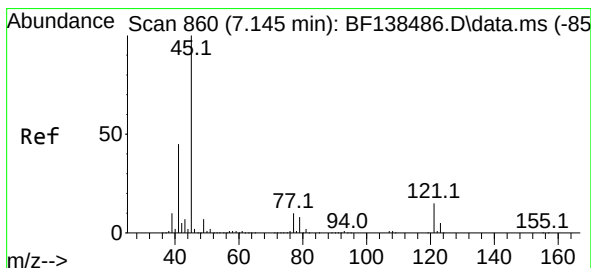
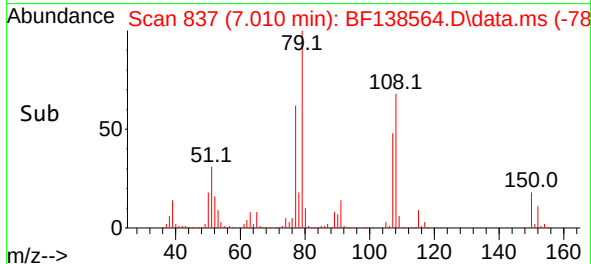
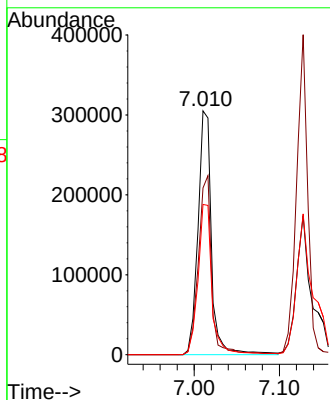
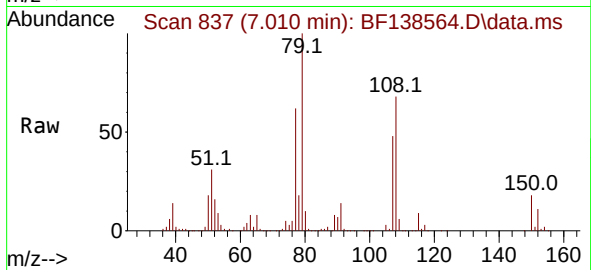
#15
Benzyl Alcohol
Concen: 41.936 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 33533
Ion Ratio Lower Upper
79 100
108 68.4 54.3 81.5
77 61.6 50.0 75.0

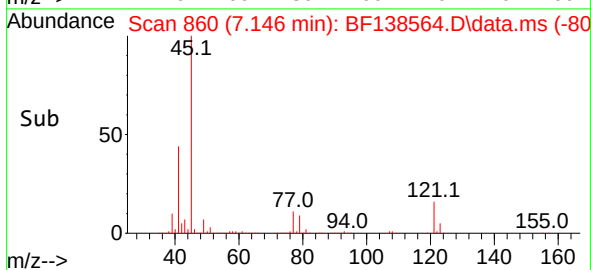
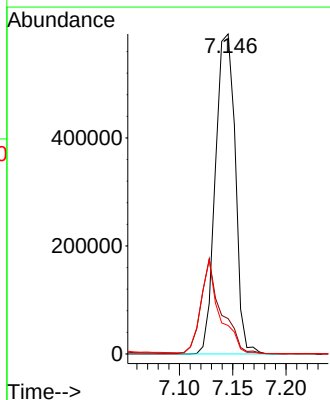
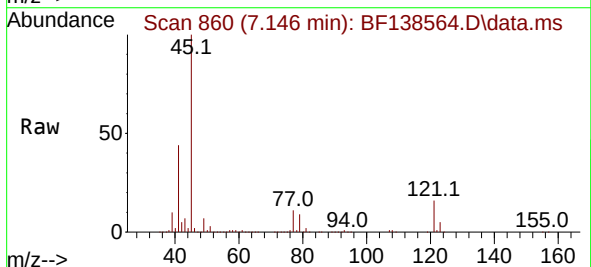
Manual Integrations
APPROVED

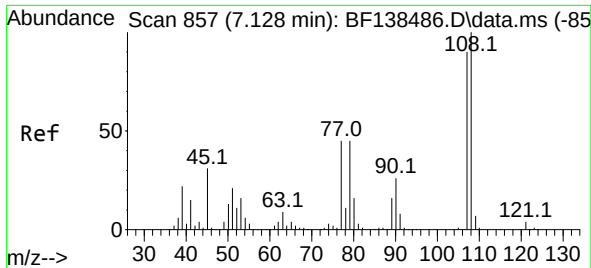
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.599 ng
RT: 7.146 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion: 45 Resp: 763556
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.4
79 8.9 0.0 28.1





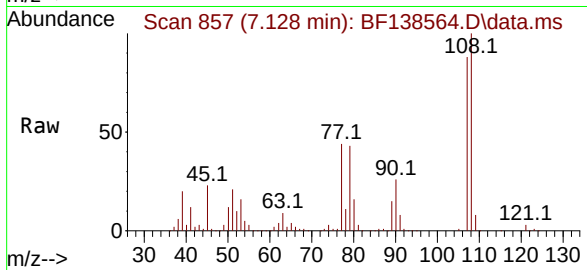
#17
2-Methylphenol
Concen: 46.045 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



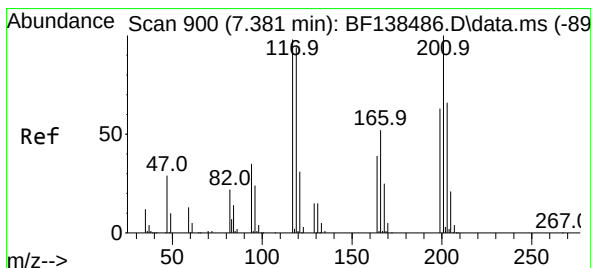
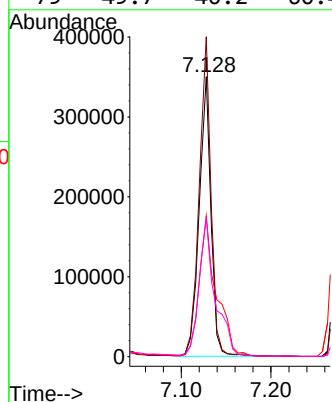
Tgt Ion:107 Resp: 31959
Ion Ratio Lower Upper
107 100
108 114.3 89.0 133.4
77 50.3 40.3 60.5
79 49.7 40.2 60.4

Manual Integrations

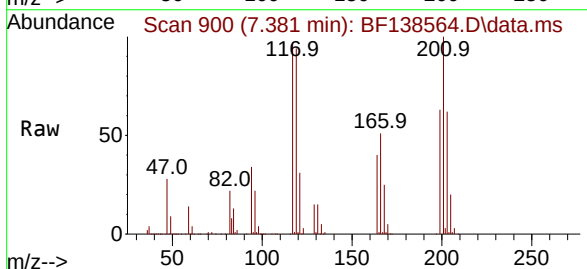
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

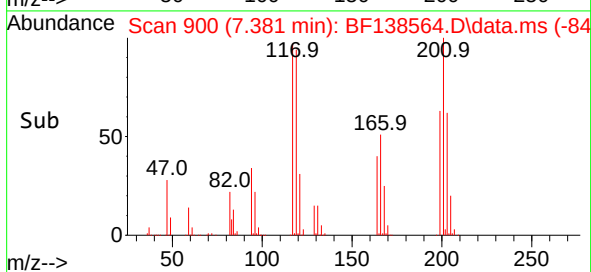
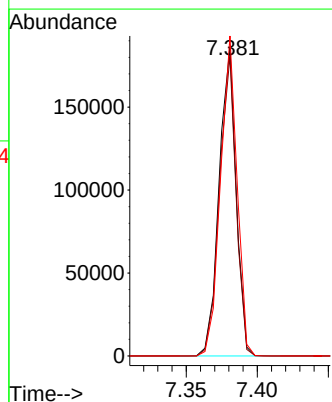
Supervised By :mohammad ahmed 07/16/2024

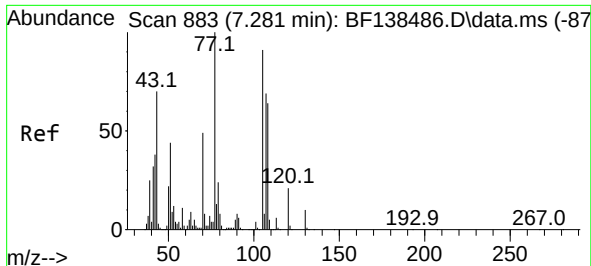


#18
Hexachloroethane
Concen: 43.480 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:117 Resp: 154522
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8
201 103.5 81.4 122.0





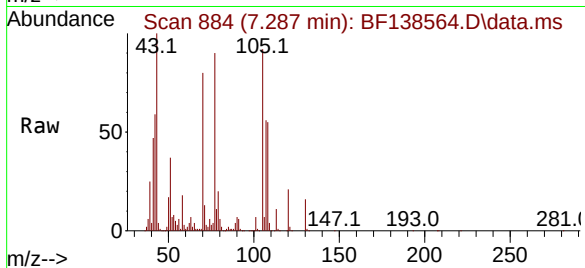
#19
n-Nitroso-di-n-propylamine
Concen: 41.396 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



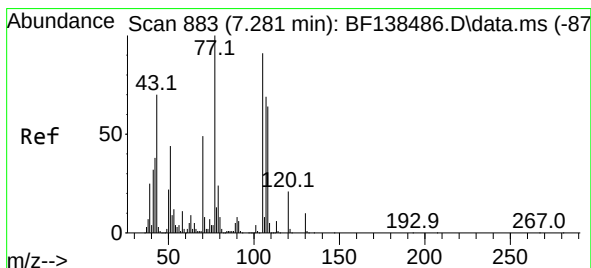
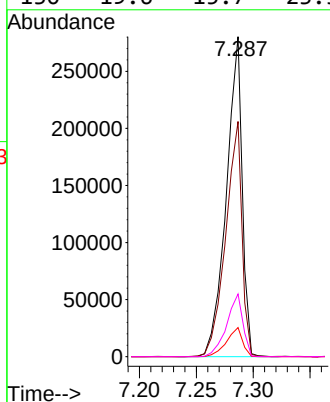
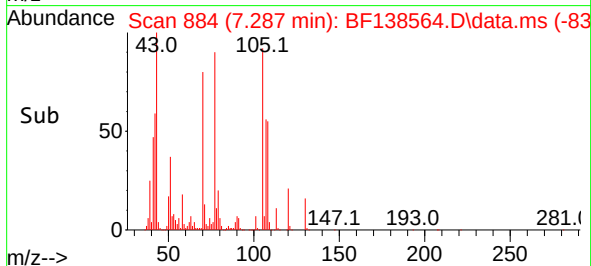
Tgt Ion: 70 Resp: 272530
Ion Ratio Lower Upper
70 100
42 73.5 62.4 93.6
101 9.1 7.2 10.8
130 19.6 15.7 23.5

Manual Integrations

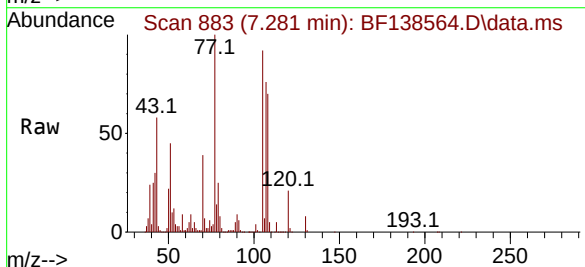
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

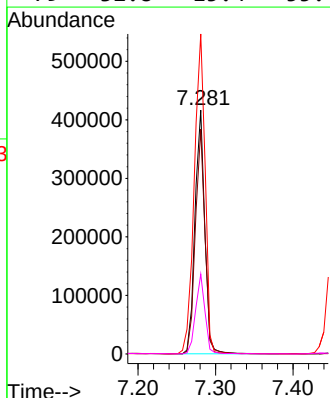
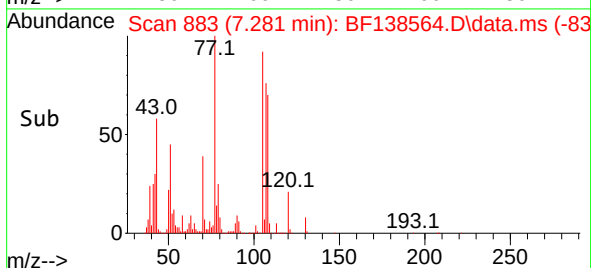
Supervised By :mohammad ahmed 07/16/2024

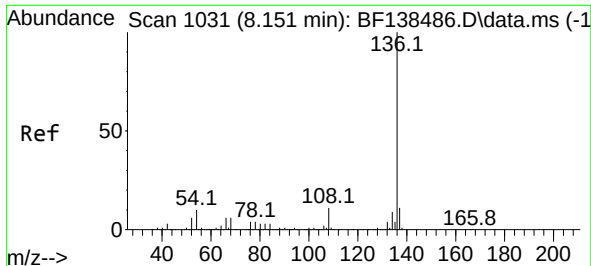


#20
3+4-Methylphenols
Concen: 41.844 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:107 Resp: 365732
Ion Ratio Lower Upper
107 100
108 92.2 73.7 113.7
77 131.2 126.0 166.0
79 32.8 15.4 55.4





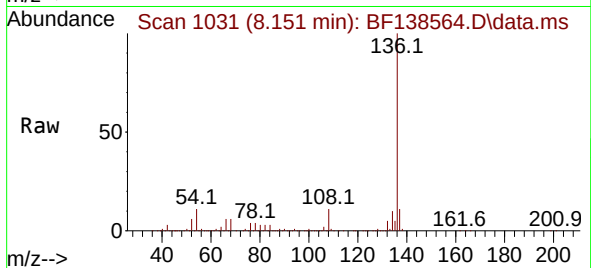
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



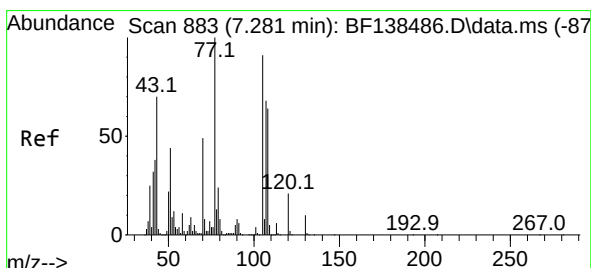
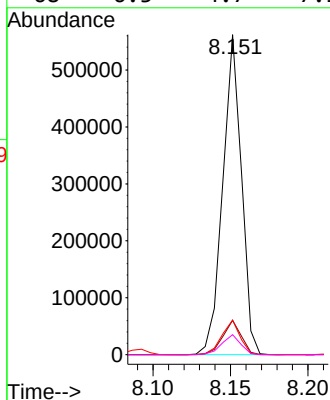
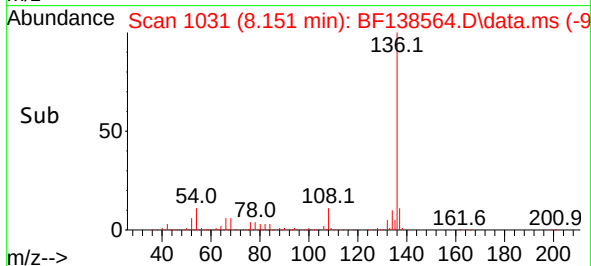
Tgt Ion:136 Resp: 47194
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.8 8.1 12.1
68 6.3 4.7 7.1

Manual Integrations

APPROVED

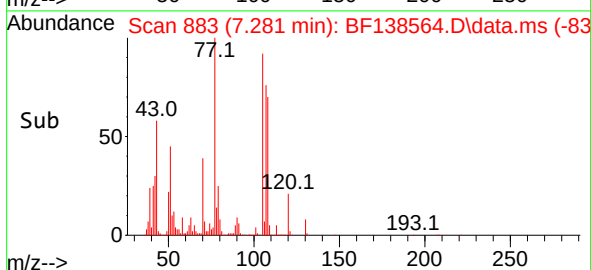
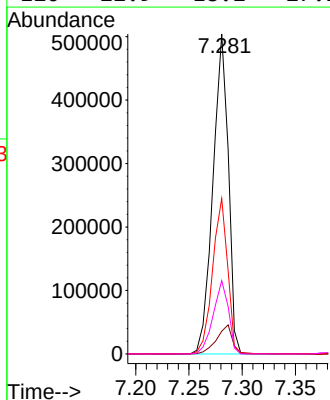
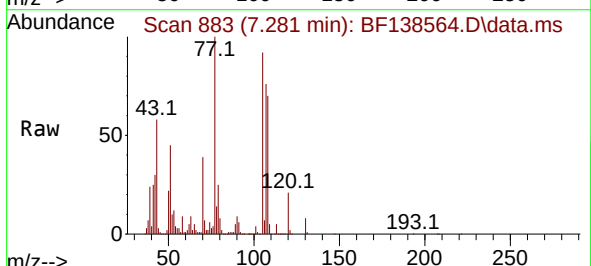
Reviewed By :Yogesh Patel 07/16/2024

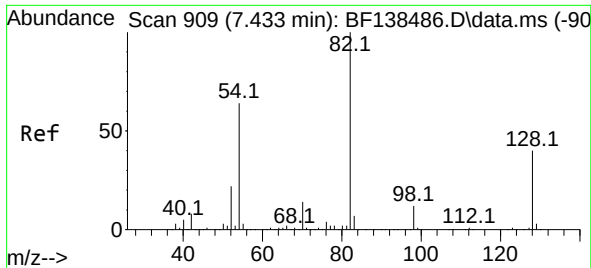
Supervised By :mohammad ahmed 07/16/2024



#22
Acetophenone
Concen: 44.039 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:105 Resp: 504790
Ion Ratio Lower Upper
105 100
71 7.1 7.4 11.2#
51 48.6 38.7 58.1
120 22.9 18.2 27.2





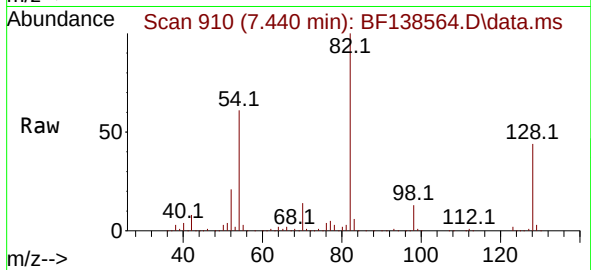
#23
Nitrobenzene-d5
Concen: 82.619 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



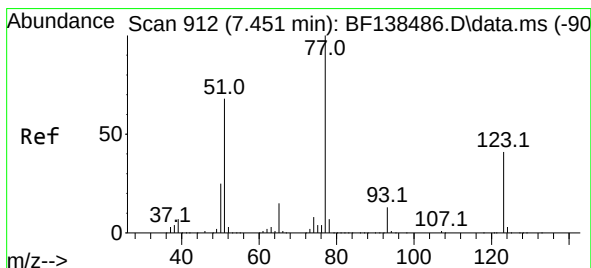
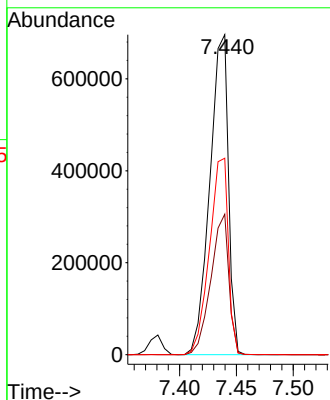
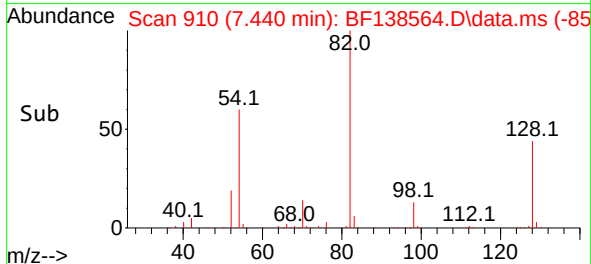
Tgt Ion: 82 Resp: 794160
Ion Ratio Lower Upper
82 100
128 43.9 32.3 48.5
54 61.4 51.4 77.0

Manual Integrations

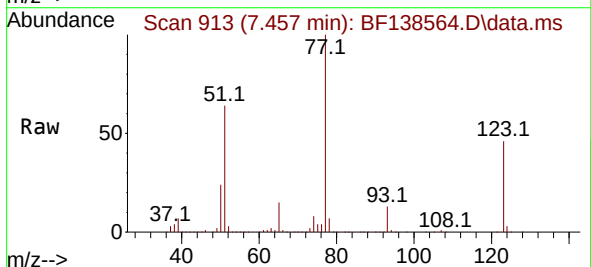
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

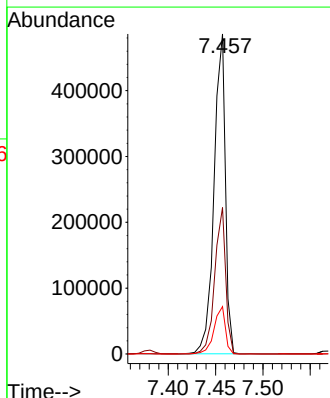
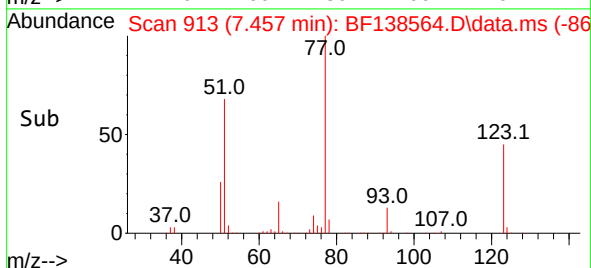
Supervised By :mohammad ahmed 07/16/2024

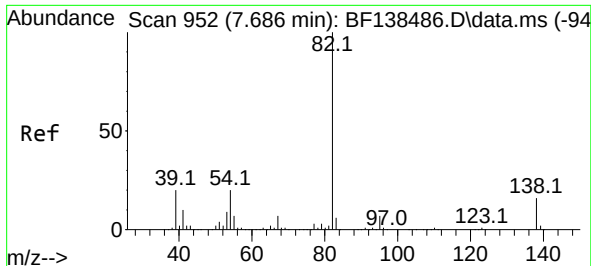


#24
Nitrobenzene
Concen: 41.495 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion: 77 Resp: 405333
Ion Ratio Lower Upper
77 100
123 45.7 32.4 48.6
65 14.8 11.8 17.8





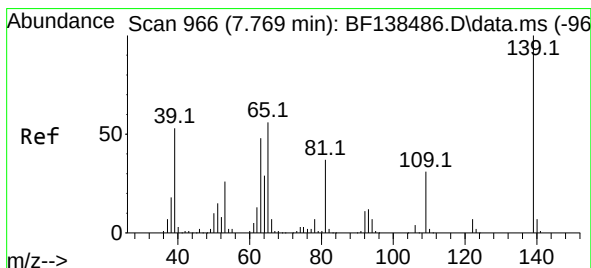
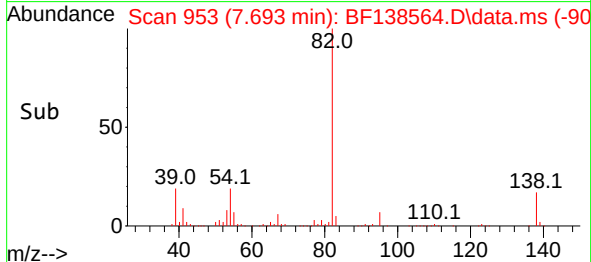
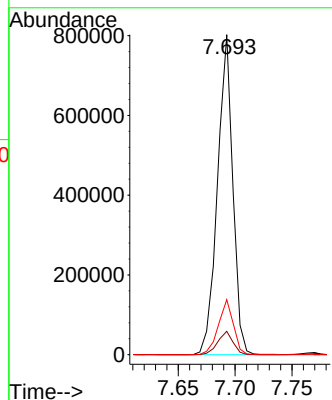
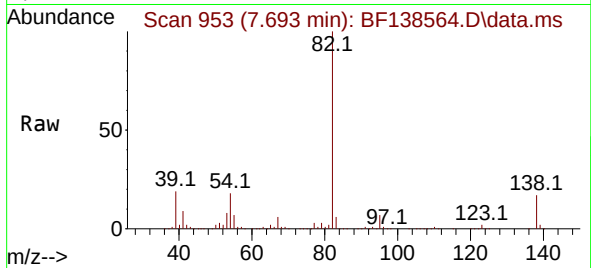
#25
Isophorone
Concen: 45.756 ng
RT: 7.693 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 75532
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.2 12.8 19.2

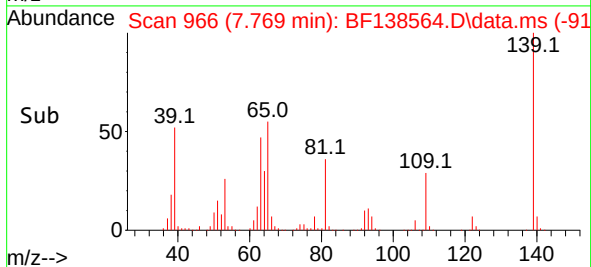
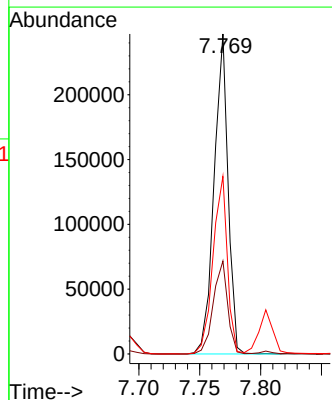
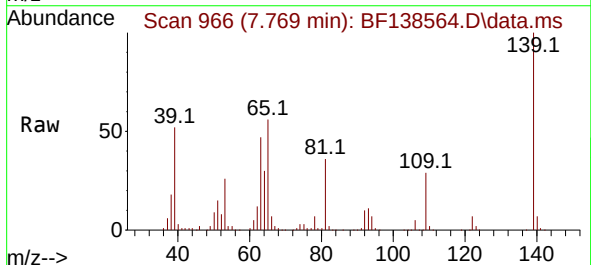
Manual Integrations
APPROVED

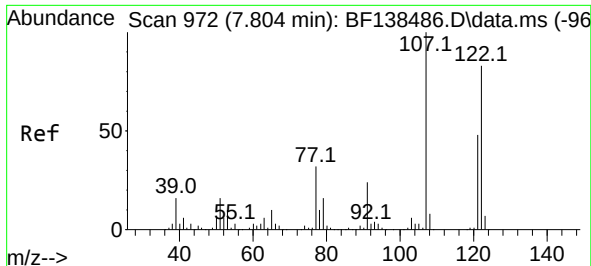
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#26
2-Nitrophenol
Concen: 46.923 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:139 Resp: 196453
Ion Ratio Lower Upper
139 100
109 29.0 24.8 37.2
65 55.5 45.1 67.7





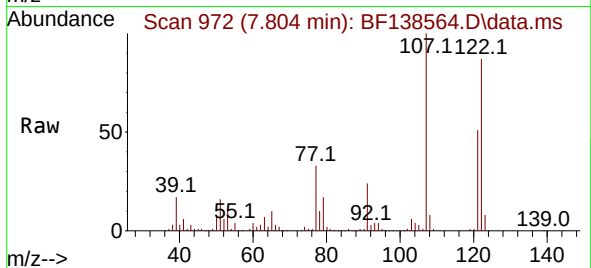
#27
2,4-Dimethylphenol
Concen: 46.284 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



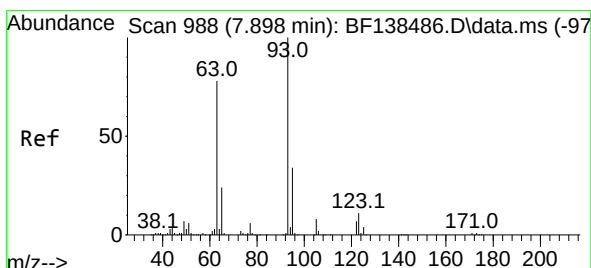
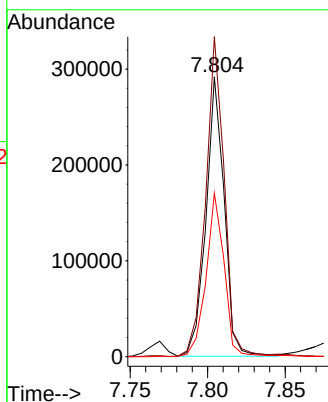
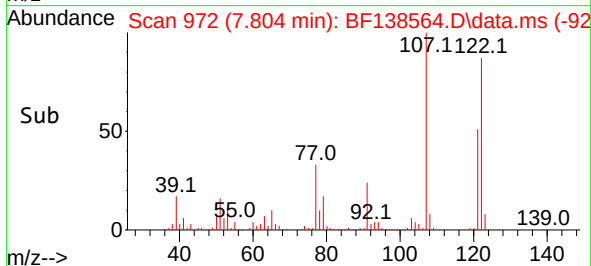
Tgt Ion:122 Resp: 238164
Ion Ratio Lower Upper
122 100
107 114.3 96.3 144.5
121 58.4 46.7 70.1

Manual Integrations

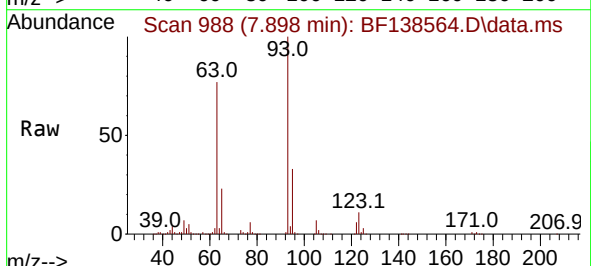
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

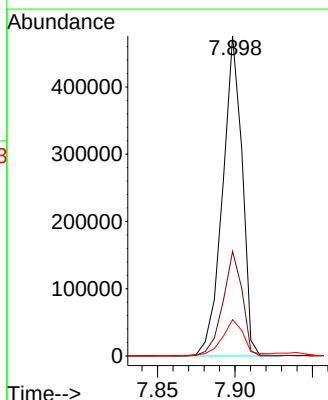
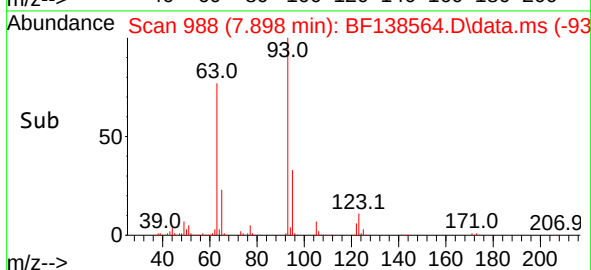
Supervised By :mohammad ahmed 07/16/2024

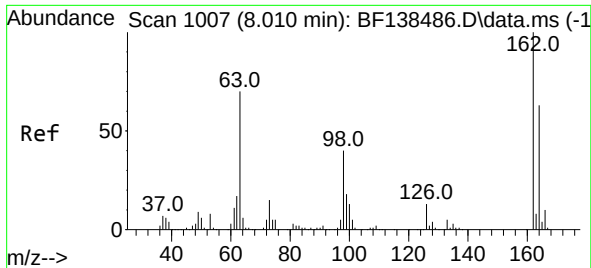


#28
bis(2-Chloroethoxy)methane
Concen: 42.246 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion: 93 Resp: 416781
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.3 9.1 13.7





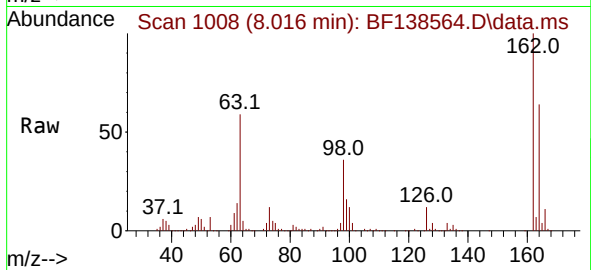
#29
2,4-Dichlorophenol
Concen: 40.372 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



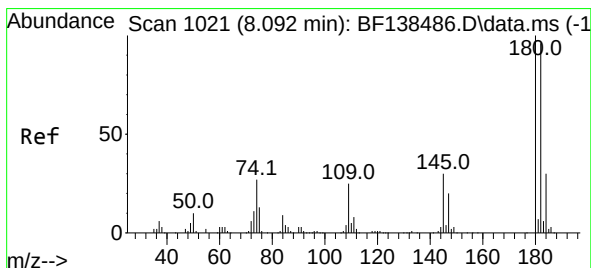
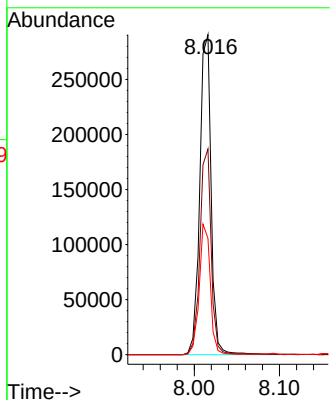
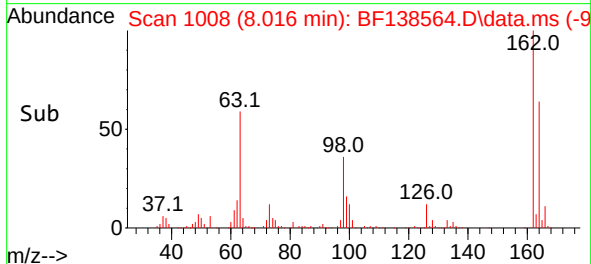
Tgt Ion:162 Resp: 26977
Ion Ratio Lower Upper
162 100
164 64.3 42.6 82.6
98 36.4 20.1 60.1

Manual Integrations

APPROVED

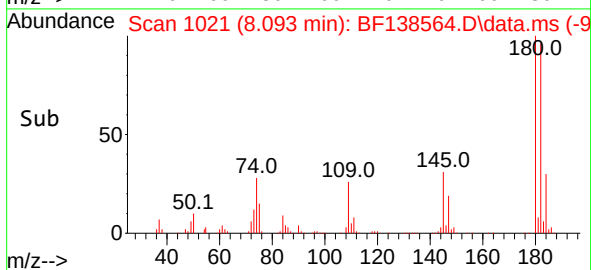
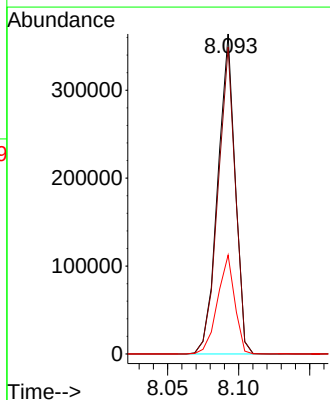
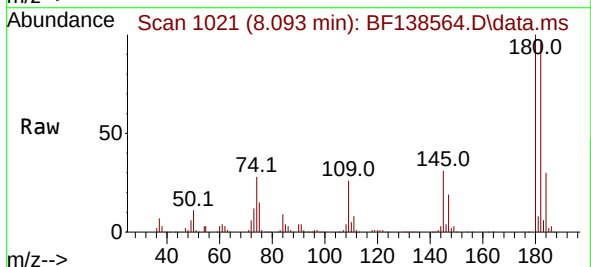
Reviewed By :Yogesh Patel 07/16/2024

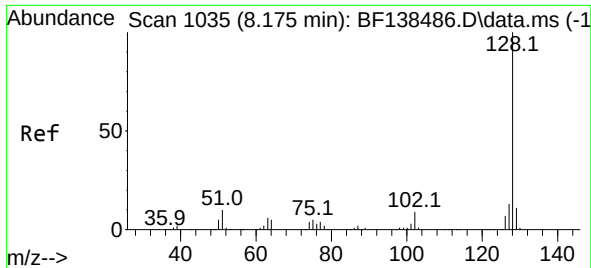
Supervised By :mohammad ahmed 07/16/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.638 ng
RT: 8.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:180 Resp: 308551
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 30.9 23.9 35.9





#31
Naphthalene
Concen: 39.330 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

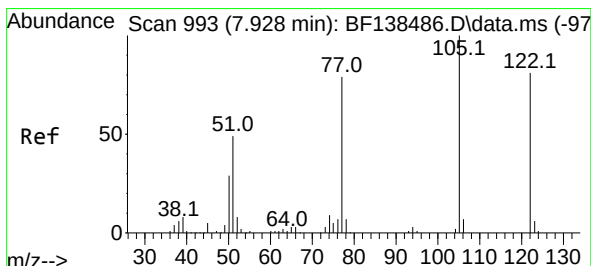
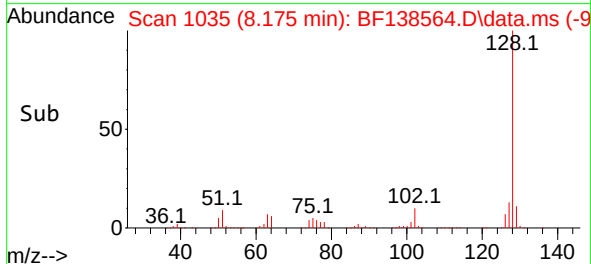
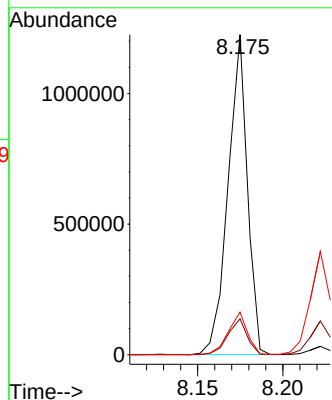
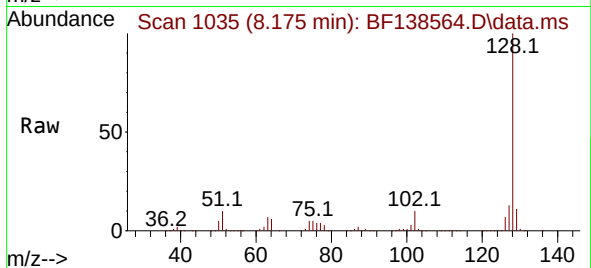
Tgt Ion:128 Resp: 96536
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.7 16.1

Manual Integrations

APPROVED

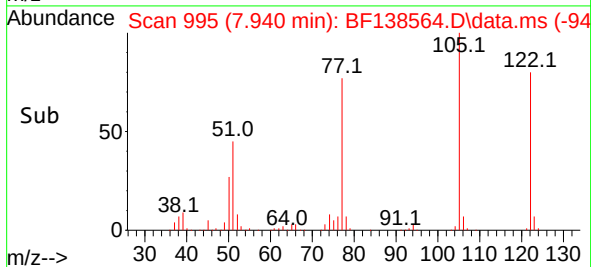
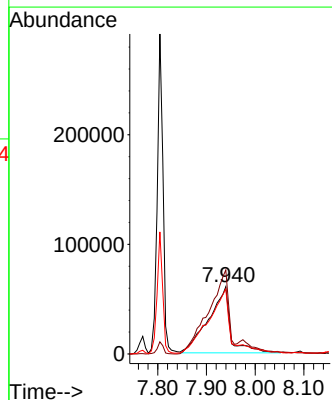
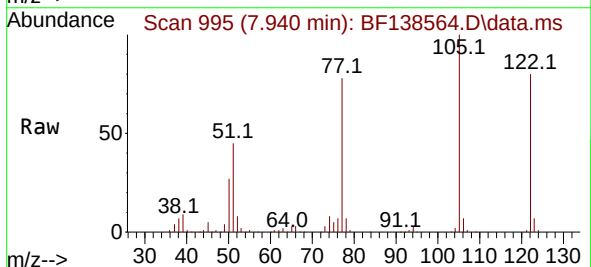
Reviewed By :Yogesh Patel 07/16/2024

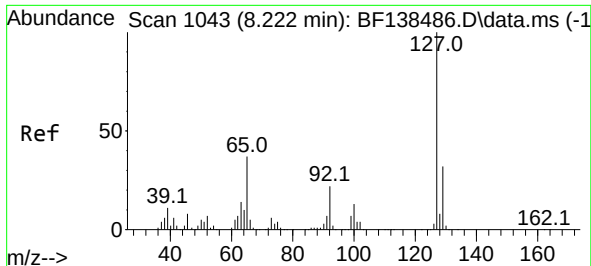
Supervised By :mohammad ahmed 07/16/2024



#32
Benzoic acid
Concen: 38.570 ng m
RT: 7.940 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:122 Resp: 189297
Ion Ratio Lower Upper
122 100
105 125.0 101.5 141.5
77 96.9 77.3 117.3





#33
4-Chloroaniline
Concen: 38.587 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

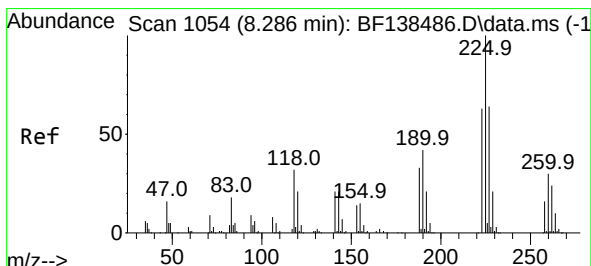
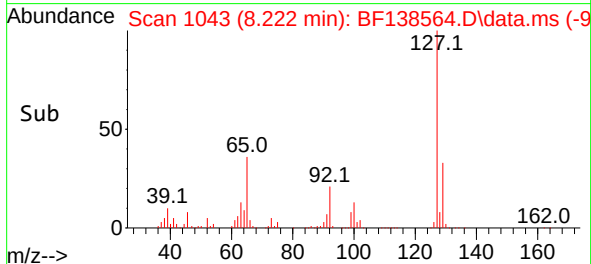
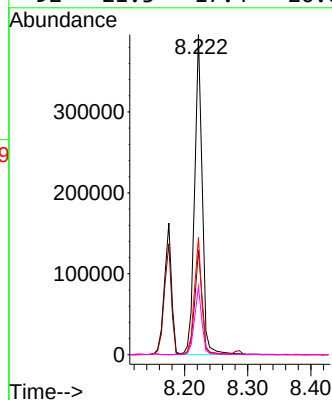
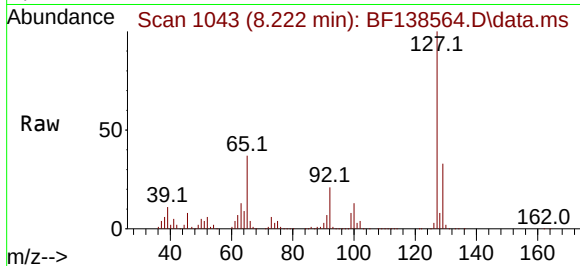
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 33231
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 36.6 29.6 44.4
92 21.3 17.4 26.0

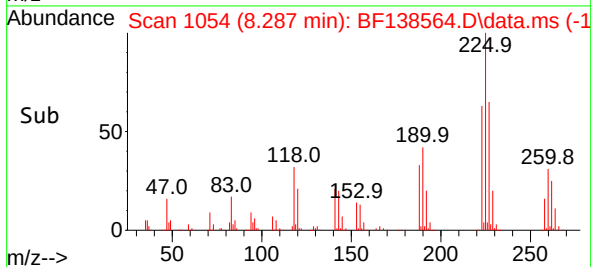
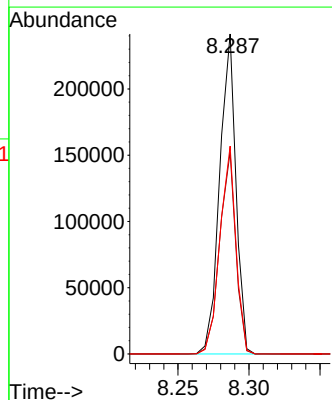
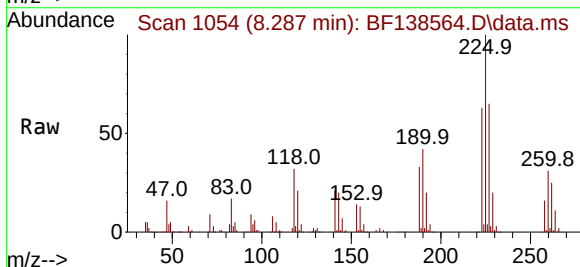
Manual Integrations
APPROVED

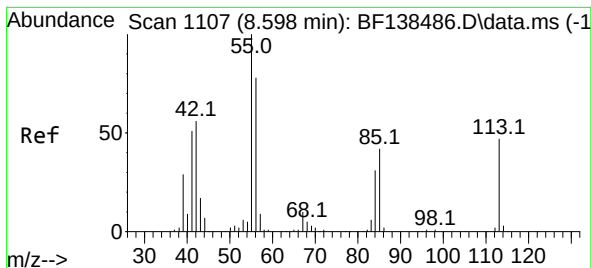
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#34
Hexachlorobutadiene
Concen: 39.889 ng
RT: 8.287 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:225 Resp: 191207
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 64.9 51.0 76.6





#35

Caprolactam

Concen: 39.977 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

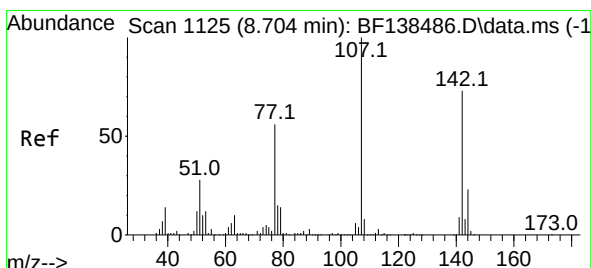
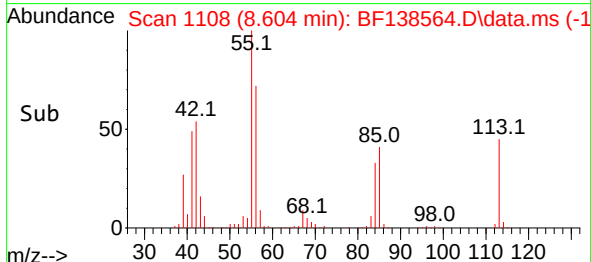
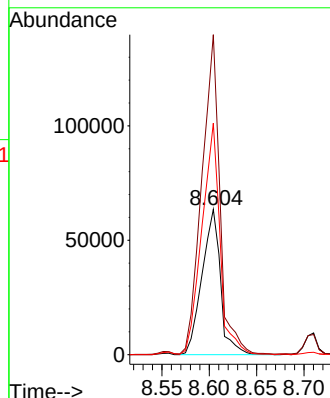
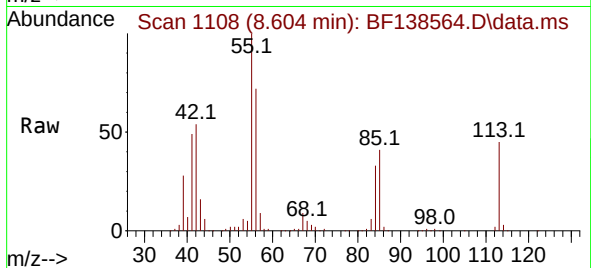
Tgt Ion:113 Resp: 86200
 Ion Ratio Lower Upper
 113 100
 55 220.3 192.5 232.5
 56 159.4 145.3 185.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#36

4-Chloro-3-methylphenol

Concen: 39.018 ng

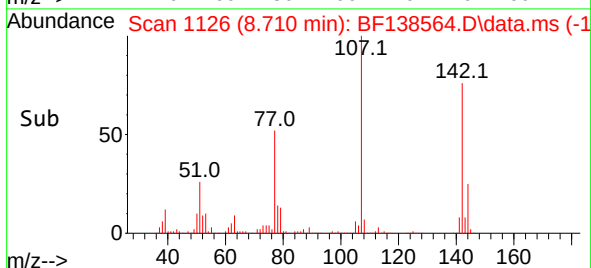
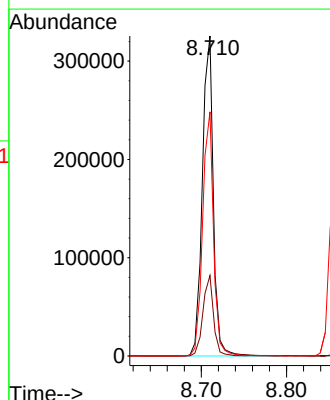
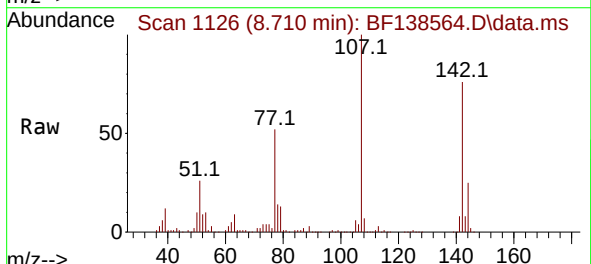
RT: 8.710 min Scan# 1126

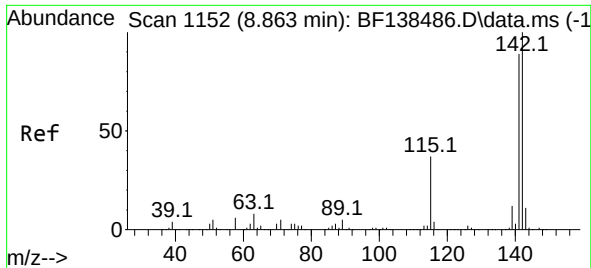
Delta R.T. 0.006 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Tgt Ion:107 Resp: 291892
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.6 27.8
 142 76.3 58.6 88.0





#37
2-Methylnaphthalene
Concen: 39.209 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

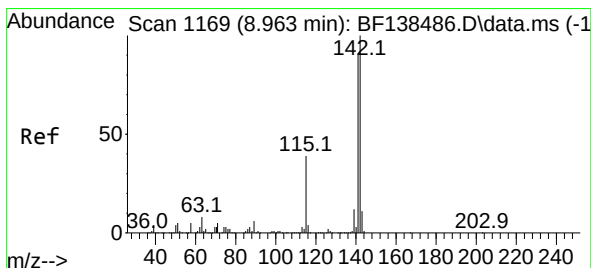
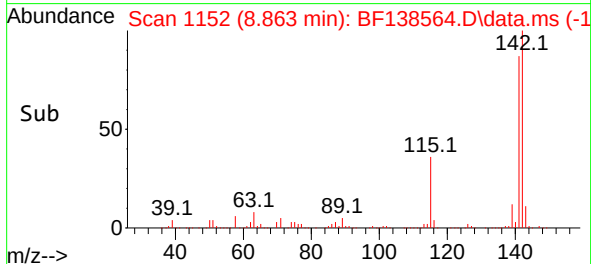
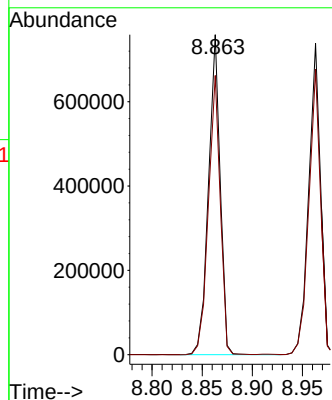
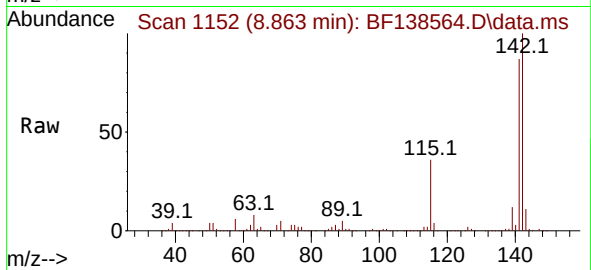
SSTDCCC040

Tgt Ion:142 Resp: 619310
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0

Manual Integrations

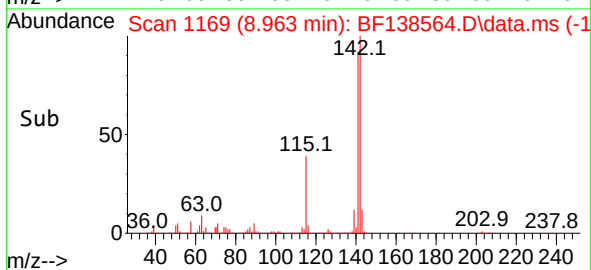
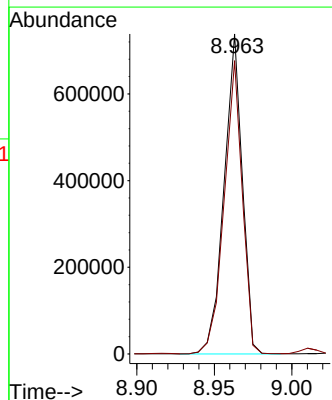
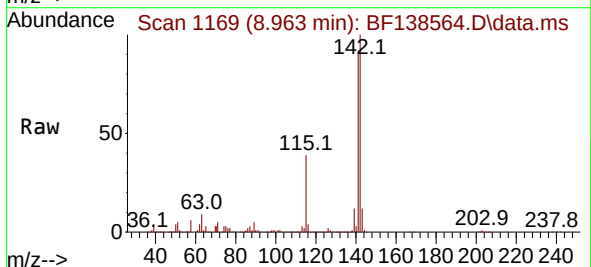
APPROVED

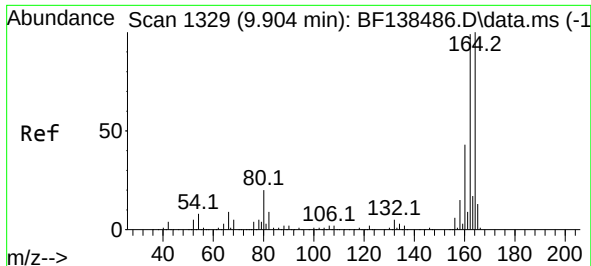
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#38
1-Methylnaphthalene
Concen: 39.209 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:142 Resp: 604430
Ion Ratio Lower Upper
142 100
141 91.7 72.6 108.8





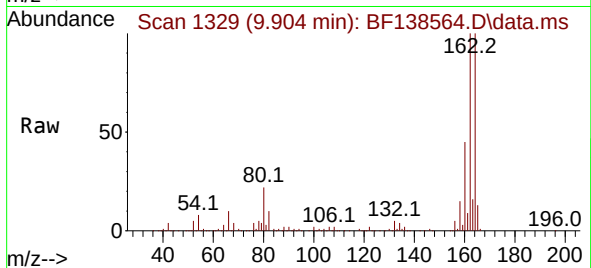
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

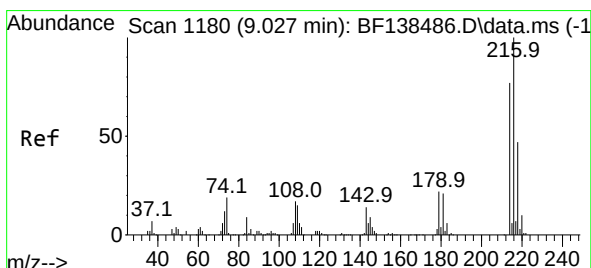
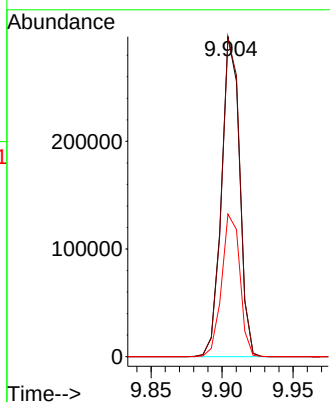
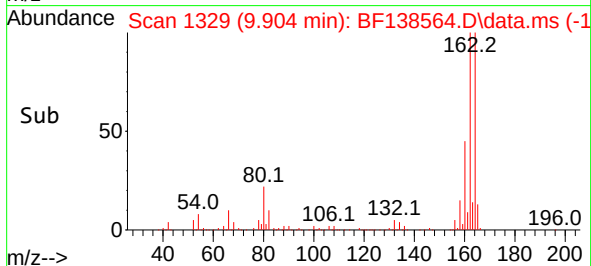
SSTDCCC040



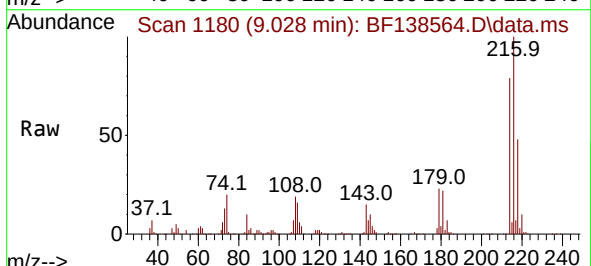
Tgt Ion:164 Resp: 26228
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 44.6 34.4 51.6

Manual Integrations
APPROVED

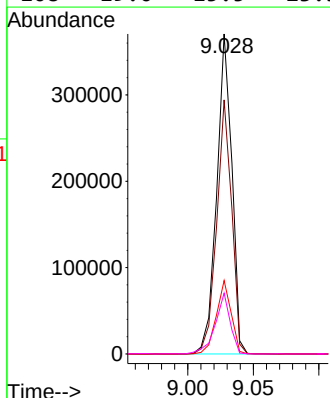
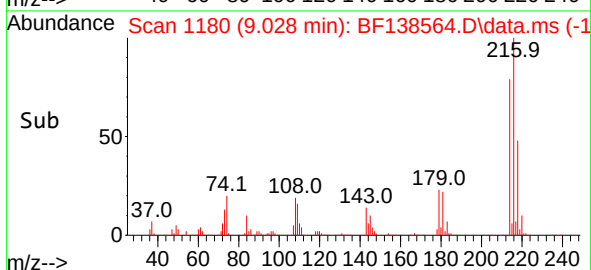
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

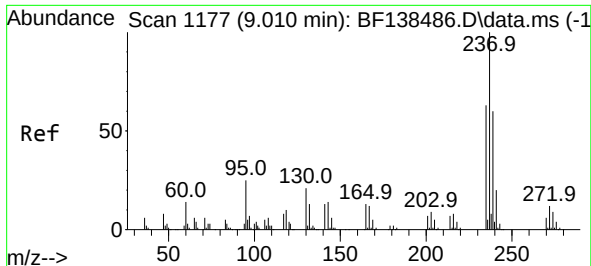


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.467 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:216 Resp: 295813
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 22.5 17.7 26.5
108 19.0 15.5 23.3





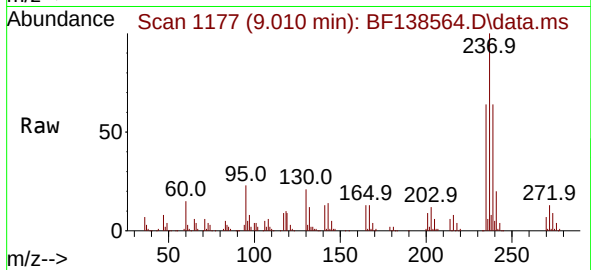
#41
Hexachlorocyclopentadiene
Concen: 35.255 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



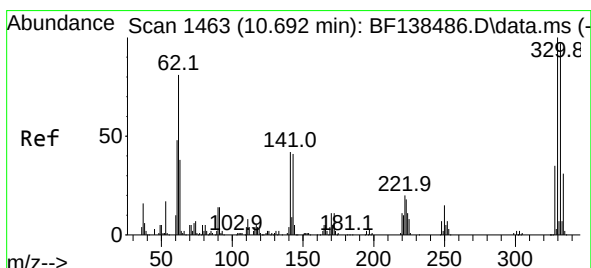
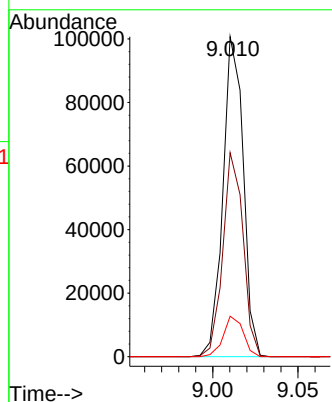
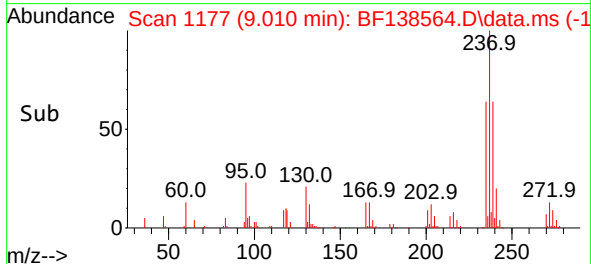
Tgt Ion:237 Resp: 83649
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations

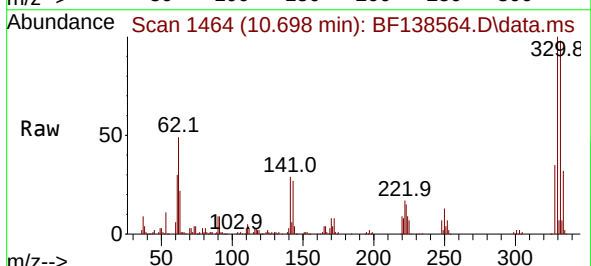
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

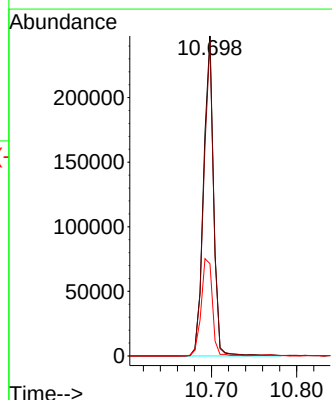
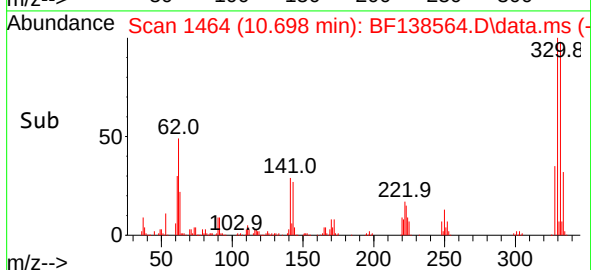
Supervised By :mohammad ahmed 07/16/2024

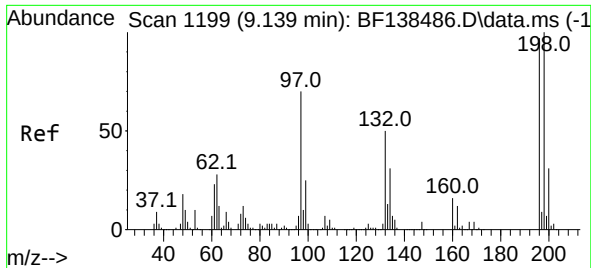


#42
2,4,6-Tribromophenol
Concen: 82.354 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:330 Resp: 201872
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 34.2 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 40.471 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

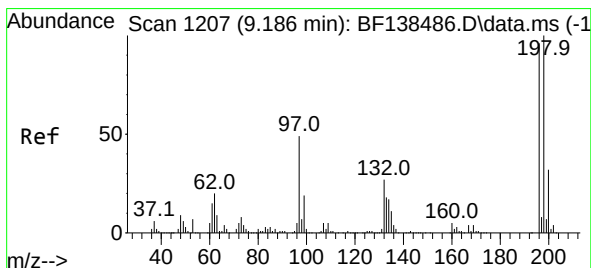
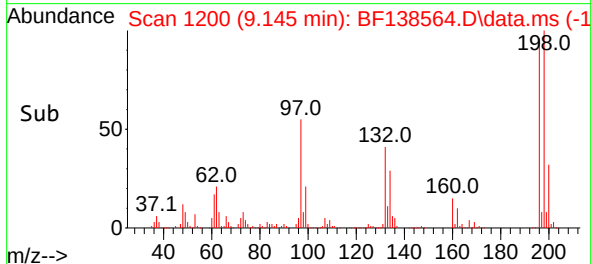
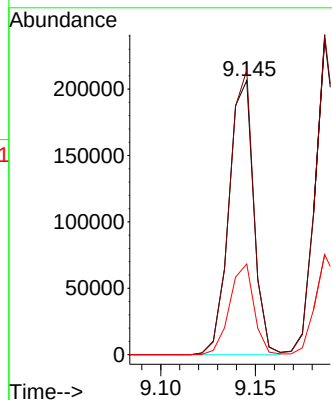
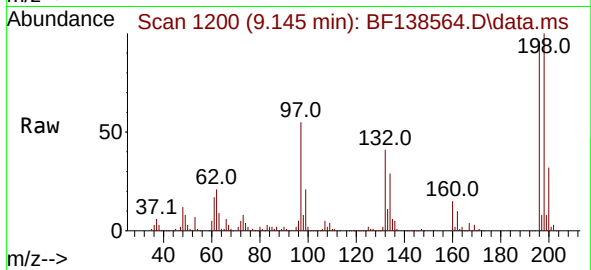
SSTDCCC040

Tgt Ion:196 Resp: 188712
Ion Ratio Lower Upper
196 100
198 103.8 82.3 123.5
200 33.1 25.8 38.6

Manual Integrations

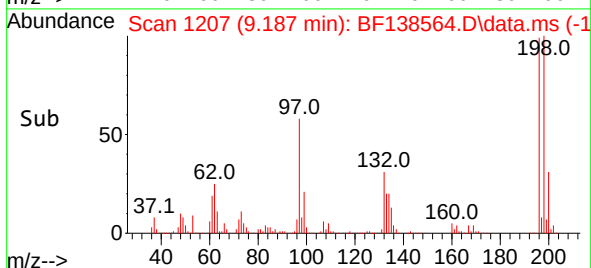
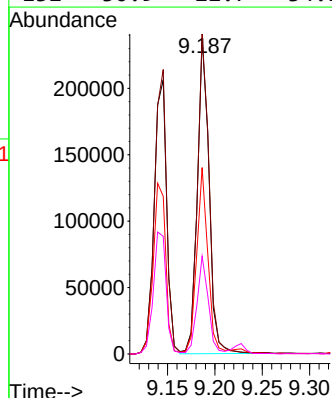
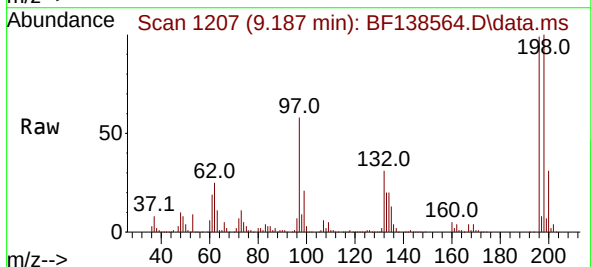
APPROVED

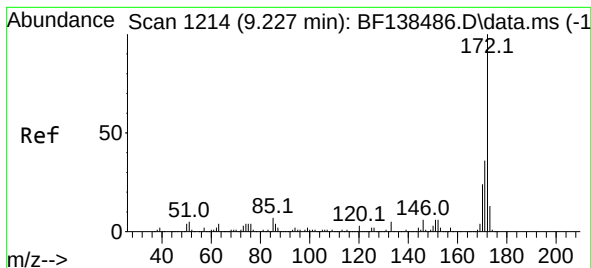
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#44
2,4,5-Trichlorophenol
Concen: 40.129 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:196 Resp: 205807
Ion Ratio Lower Upper
196 100
198 101.3 82.8 124.2
97 59.0 41.0 61.4
132 30.9 22.7 34.1





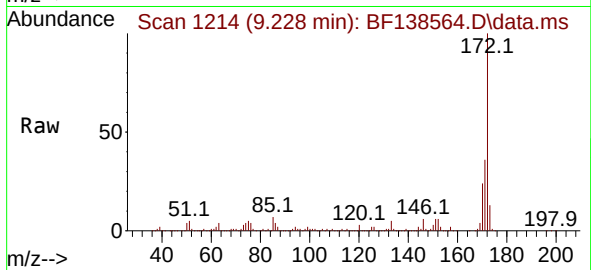
#45
2-Fluorobiphenyl
Concen: 78.318 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



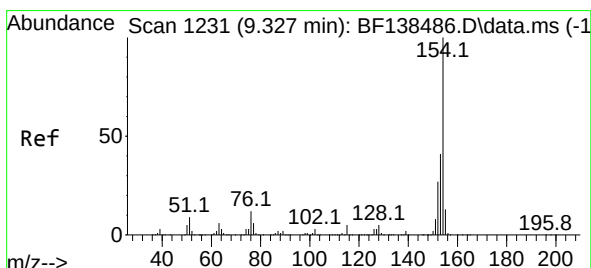
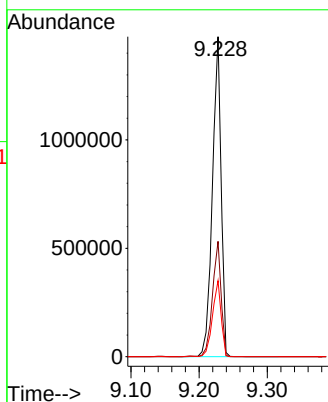
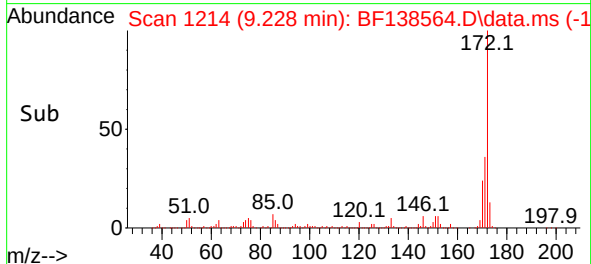
Tgt Ion:172 Resp: 131430
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 18.9 28.3

Manual Integrations

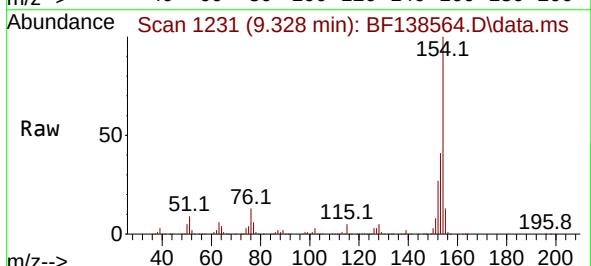
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

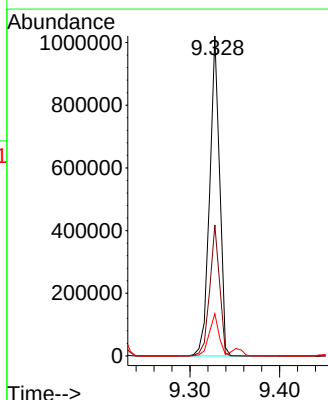
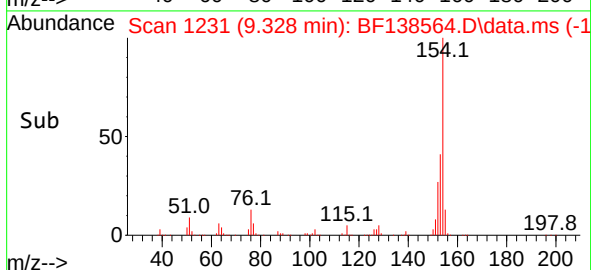
Supervised By :mohammad ahmed 07/16/2024

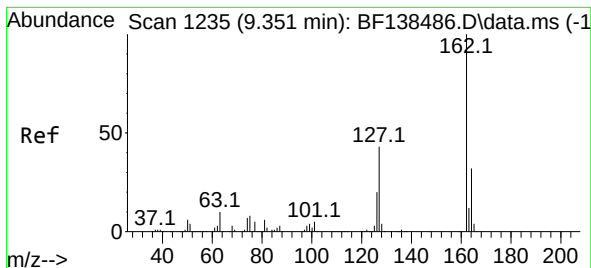


#46
1,1'-Biphenyl
Concen: 39.612 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:154 Resp: 787356
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.2 0.0 32.2





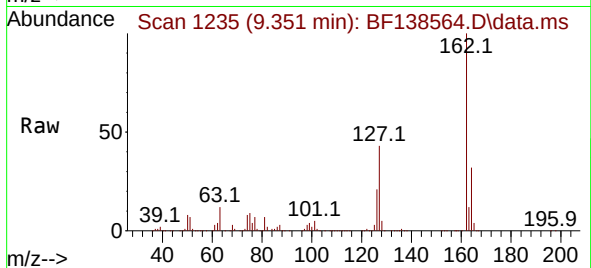
#47
2-Chloronaphthalene
Concen: 40.090 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



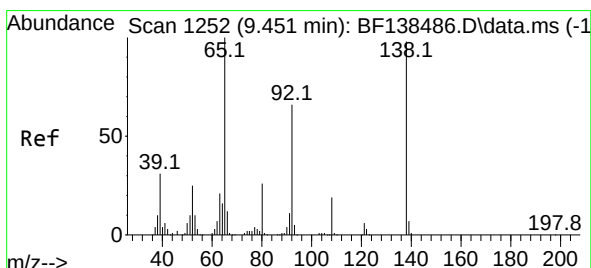
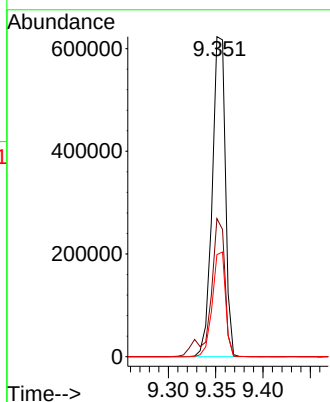
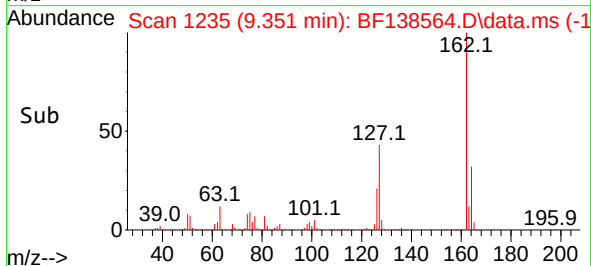
Tgt Ion:162 Resp: 601990
Ion Ratio Lower Upper
162 100
127 43.2 34.8 52.2
164 31.9 25.6 38.4

Manual Integrations

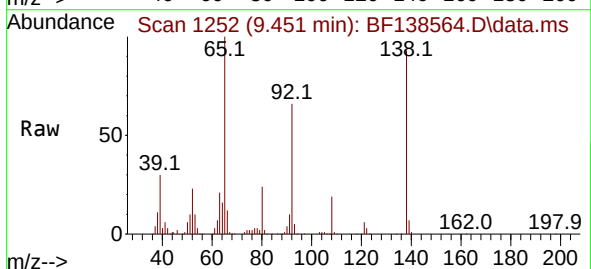
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

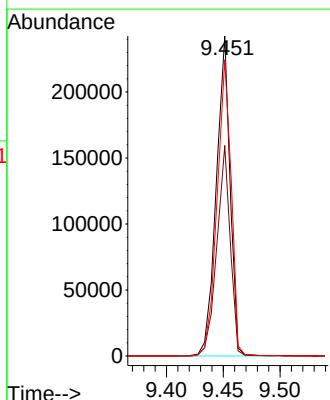
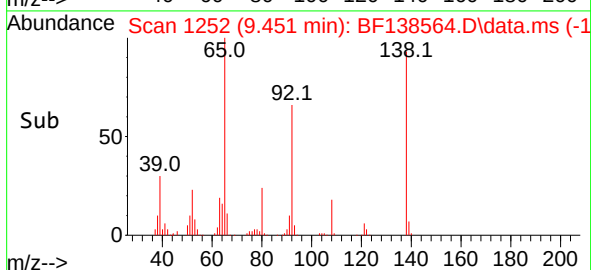
Supervised By :mohammad ahmed 07/16/2024

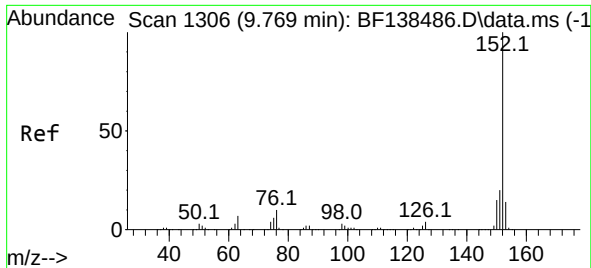


#48
2-Nitroaniline
Concen: 39.496 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion: 65 Resp: 205518
Ion Ratio Lower Upper
65 100
92 65.7 52.6 78.8
138 92.5 78.6 118.0





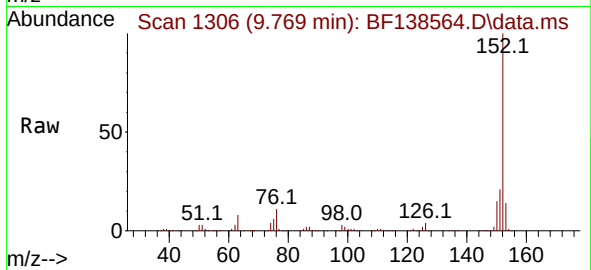
#49
Acenaphthylene
Concen: 39.531 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



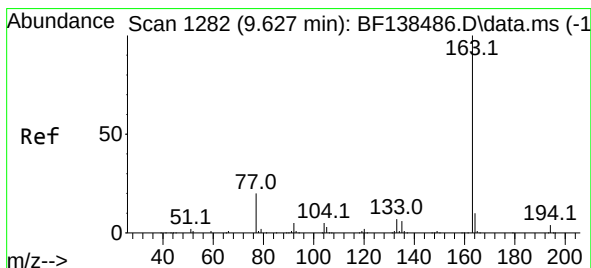
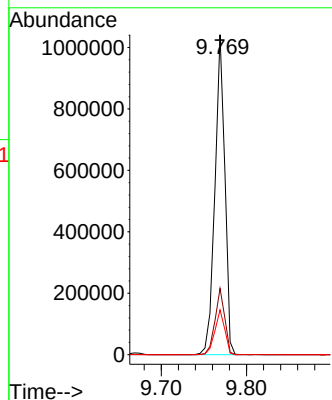
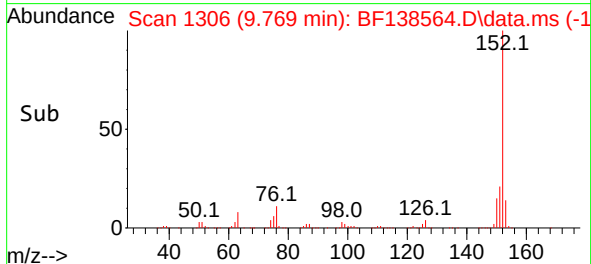
Tgt Ion:152 Resp: 842774
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

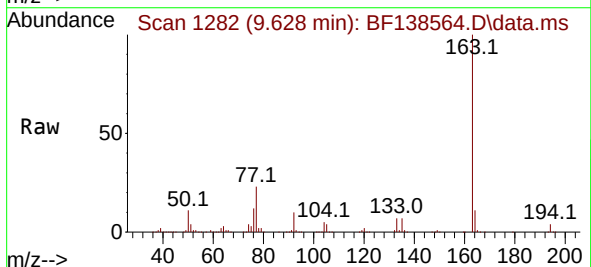
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

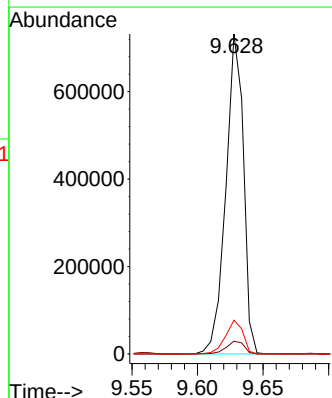
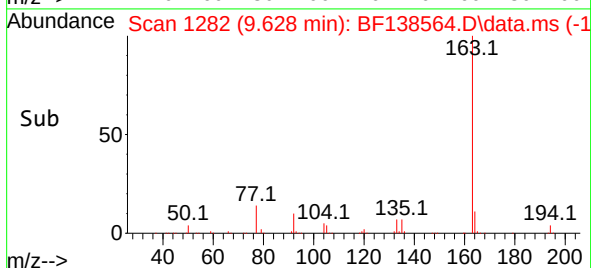
Supervised By :mohammad ahmed 07/16/2024

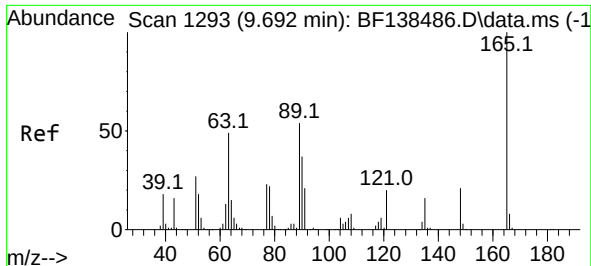


#50
Dimethylphthalate
Concen: 40.308 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:163 Resp: 683612
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.6 8.1 12.1





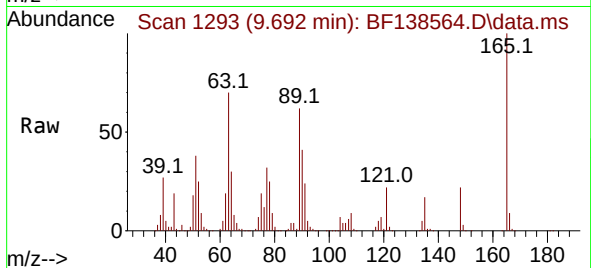
#51
2,6-Dinitrotoluene
Concen: 40.197 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



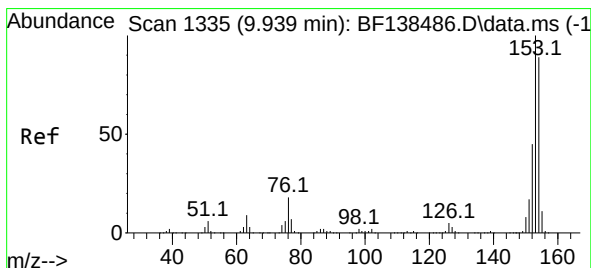
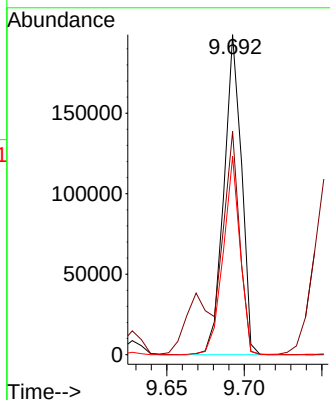
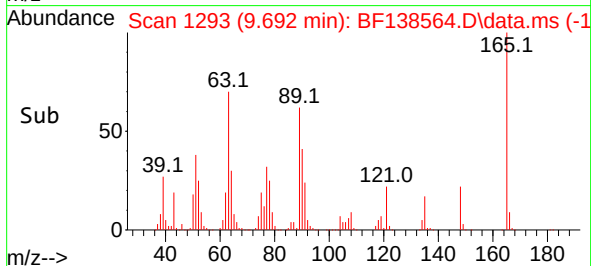
Tgt Ion:165 Resp: 156964
Ion Ratio Lower Upper
165 100
63 69.8 48.1 72.1
89 61.9 43.0 64.6

Manual Integrations

APPROVED

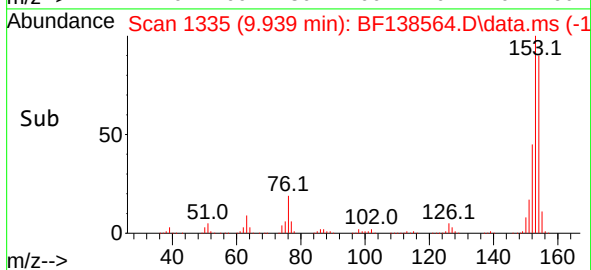
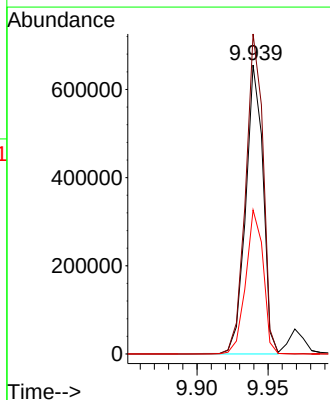
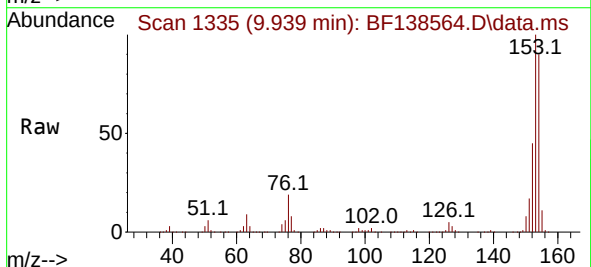
Reviewed By :Yogesh Patel 07/16/2024

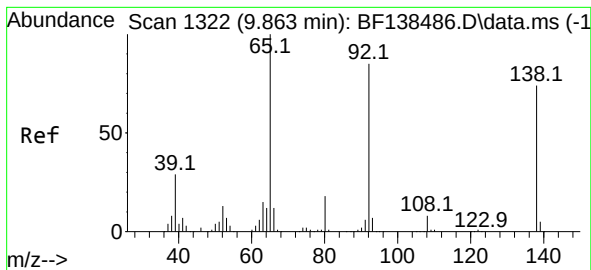
Supervised By :mohammad ahmed 07/16/2024



#52
Acenaphthene
Concen: 39.292 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:154 Resp: 556819
Ion Ratio Lower Upper
154 100
153 110.7 90.4 135.6
152 49.9 41.1 61.7





#53
3-Nitroaniline
Concen: 40.025 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

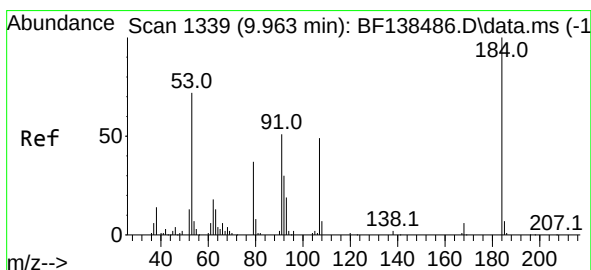
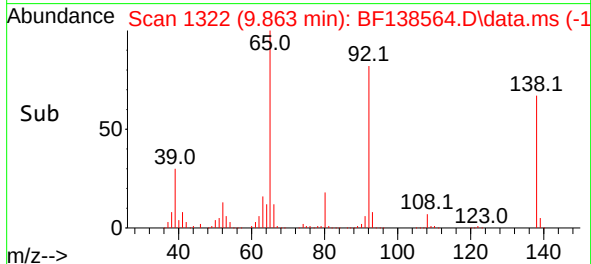
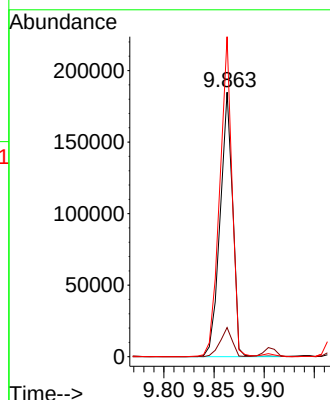
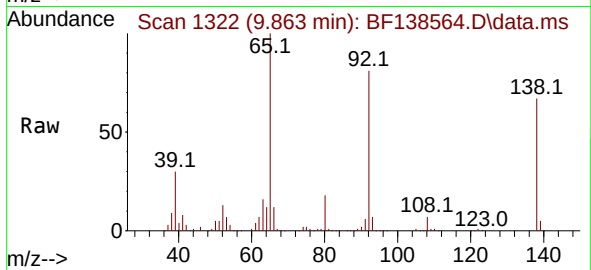
Tgt Ion:138 Resp: 160192
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 121.0 92.6 138.8

Manual Integrations

APPROVED

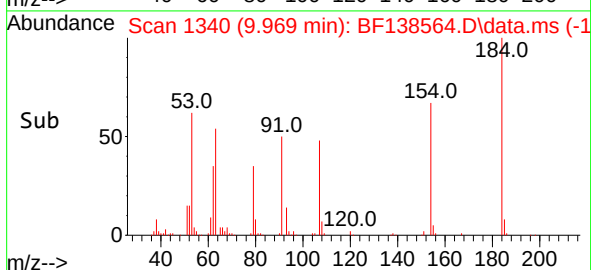
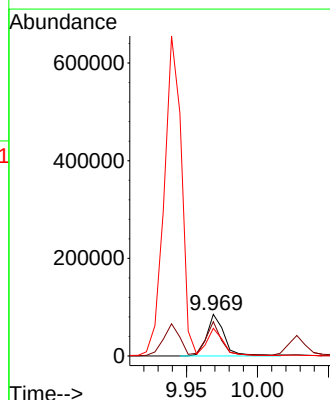
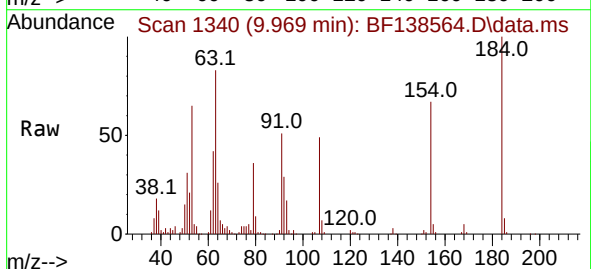
Reviewed By :Yogesh Patel 07/16/2024

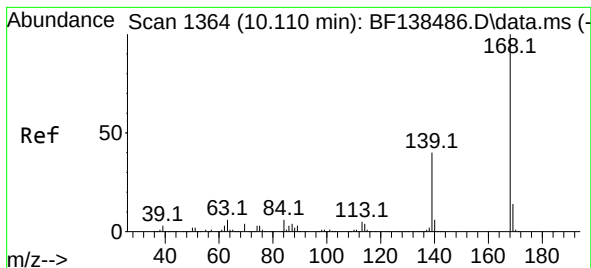
Supervised By :mohammad ahmed 07/16/2024



#54
2,4-Dinitrophenol
Concen: 37.591 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

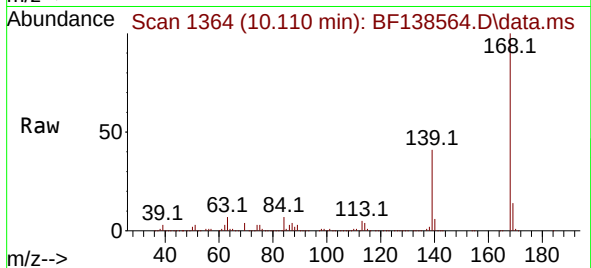
Tgt Ion:184 Resp: 73274
Ion Ratio Lower Upper
184 100
63 82.6 70.6 106.0
154 66.7 53.8 80.6





#55
Dibenzofuran
Concen: 39.814 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

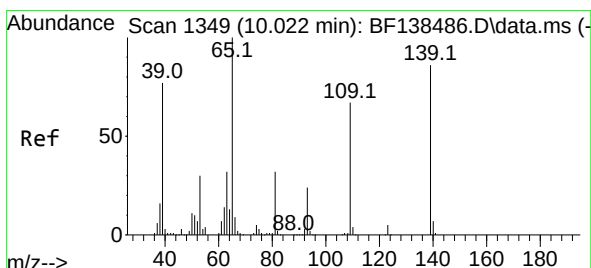
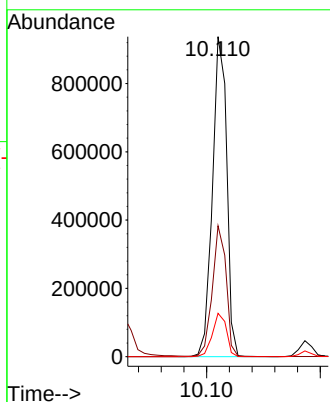
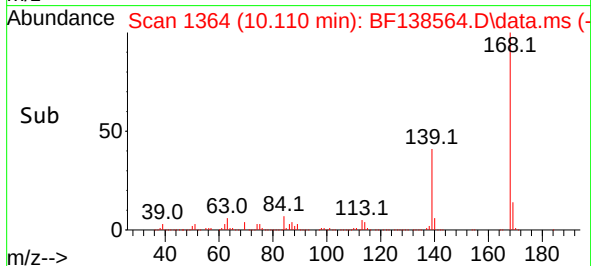
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 818380
Ion Ratio Lower Upper
168 100
139 40.9 32.4 48.6
169 13.5 10.9 16.3

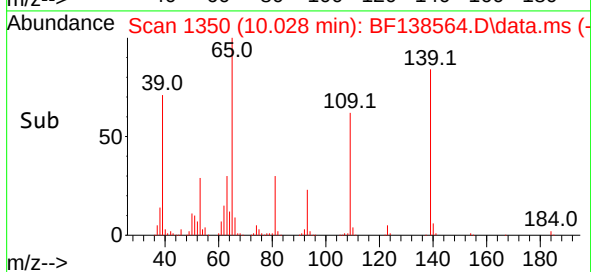
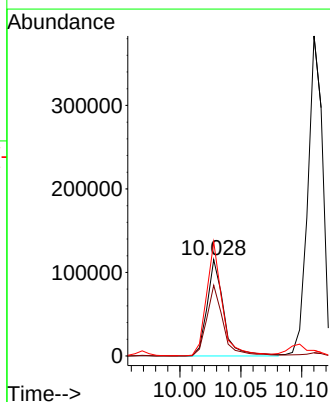
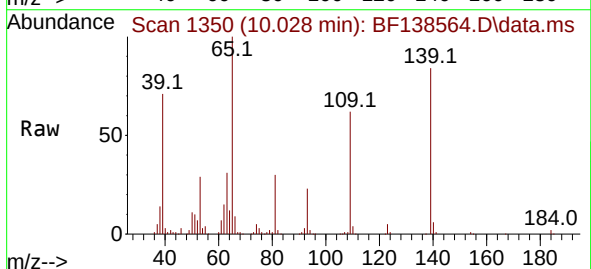
Manual Integrations
APPROVED

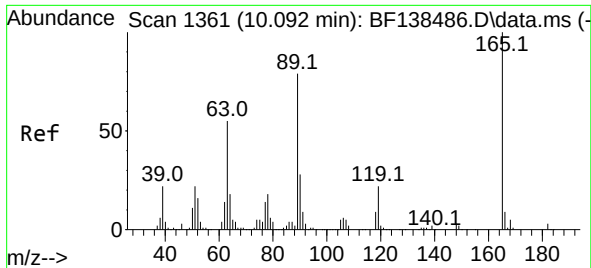
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#56
4-Nitrophenol
Concen: 36.777 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:139 Resp: 108606
Ion Ratio Lower Upper
139 100
109 73.5 58.1 98.1
65 118.5 96.9 136.9





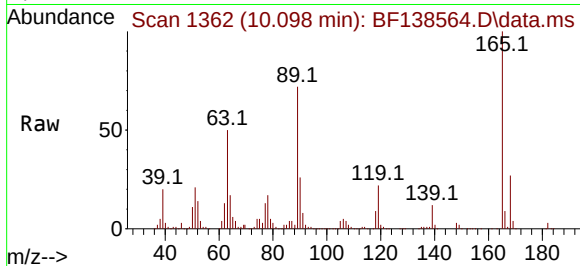
#57
2,4-Dinitrotoluene
Concen: 41.165 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



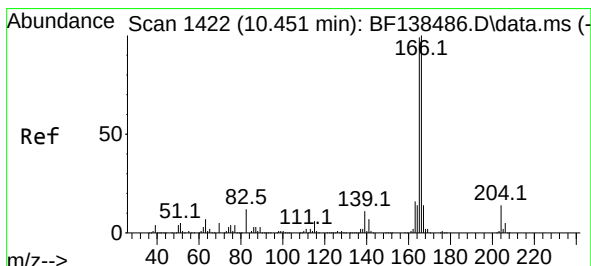
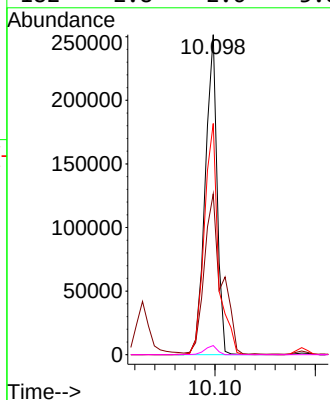
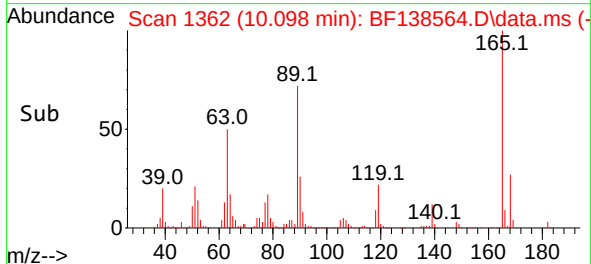
Tgt Ion:165 Resp: 207983
Ion Ratio Lower Upper
165 100
63 50.3 44.6 66.8
89 72.3 63.4 95.2
182 2.8 2.6 3.8

Manual Integrations

APPROVED

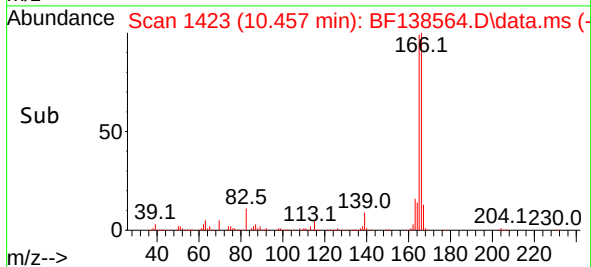
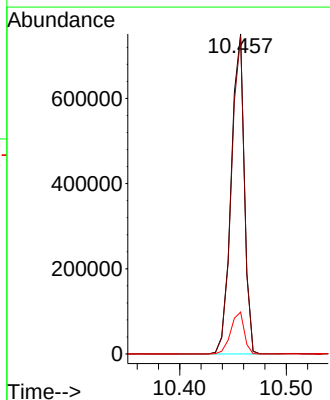
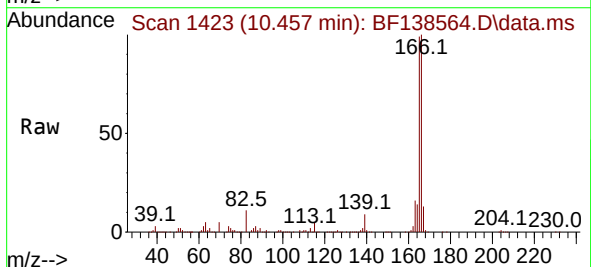
Reviewed By :Yogesh Patel 07/16/2024

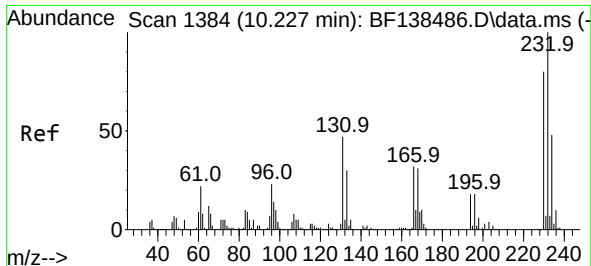
Supervised By :mohammad ahmed 07/16/2024



#58
Fluorene
Concen: 39.692 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

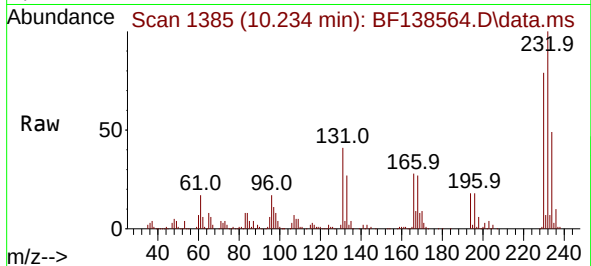
Tgt Ion:166 Resp: 645565
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.329 ng
RT: 10.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

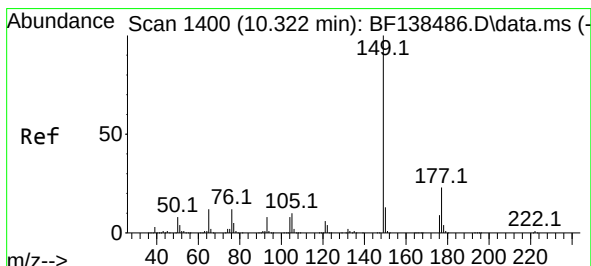
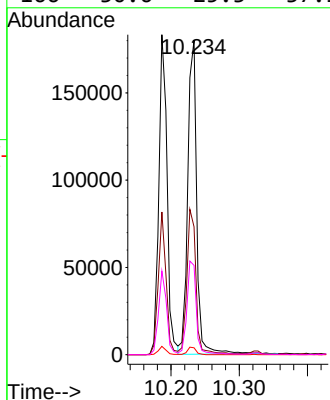
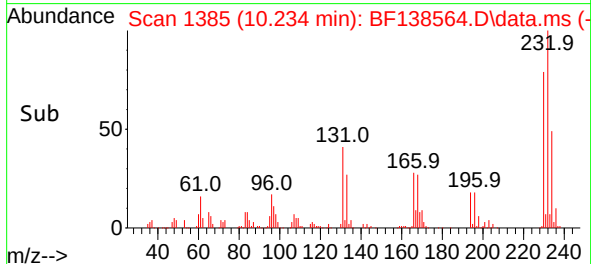
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 16323
Ion Ratio Lower Upper
232 100
131 45.9 37.5 56.3
130 2.3 2.0 3.0
166 30.6 25.3 37.9

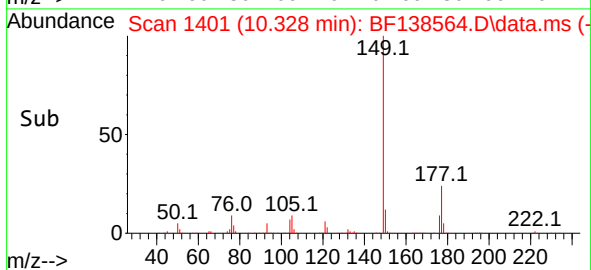
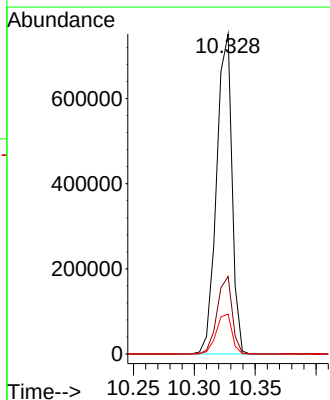
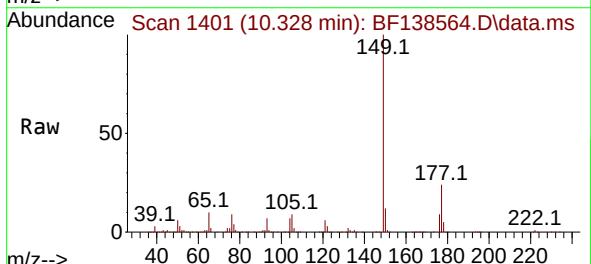
Manual Integrations
APPROVED

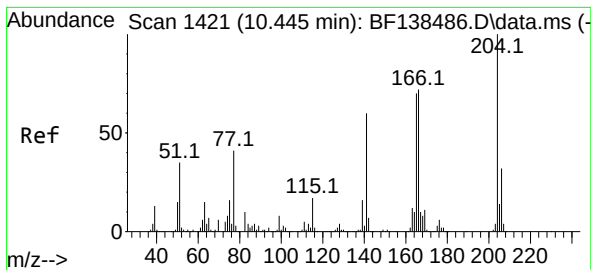
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#60
Diethylphthalate
Concen: 40.620 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

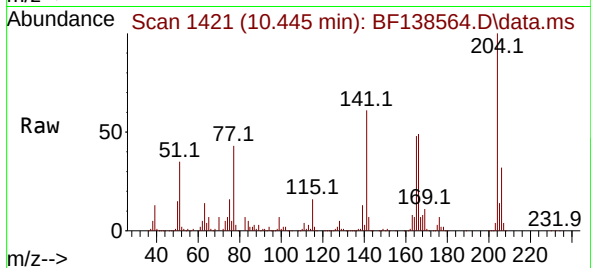
Tgt Ion:149 Resp: 664118
Ion Ratio Lower Upper
149 100
177 24.2 18.5 27.7
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.153 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

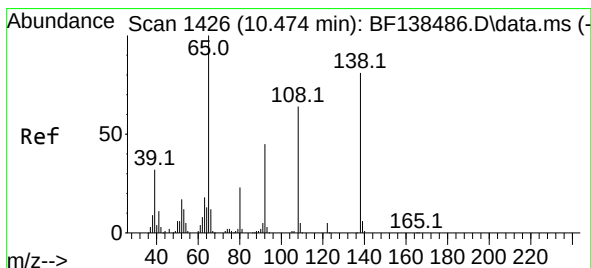
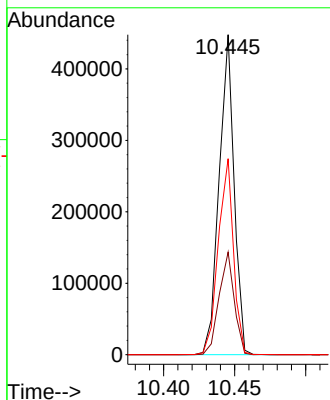
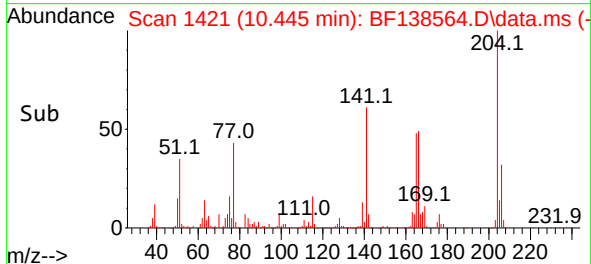
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



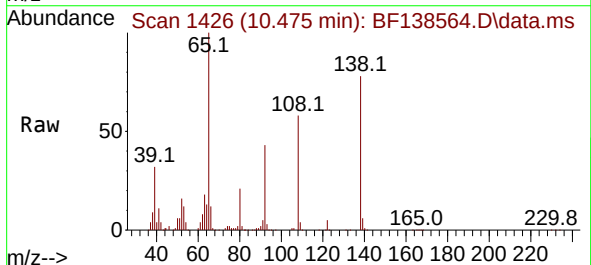
Tgt Ion:204 Resp: 327930
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 61.3 47.7 71.5

Manual Integrations
APPROVED

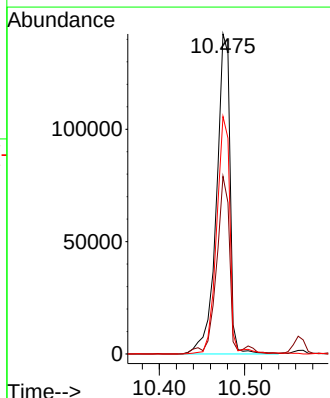
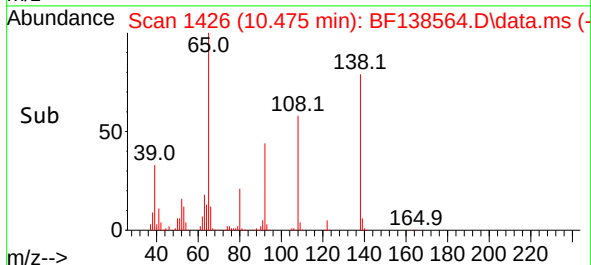
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

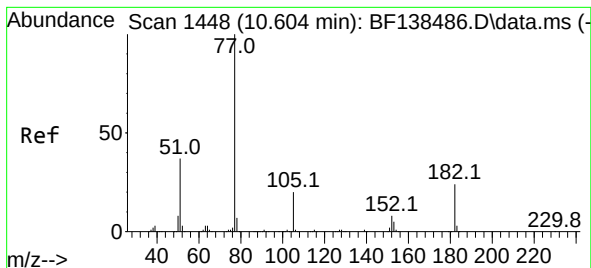


#62
4-Nitroaniline
Concen: 39.470 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:138 Resp: 158297
Ion Ratio Lower Upper
138 100
92 55.5 35.8 75.8
108 74.2 59.8 99.8





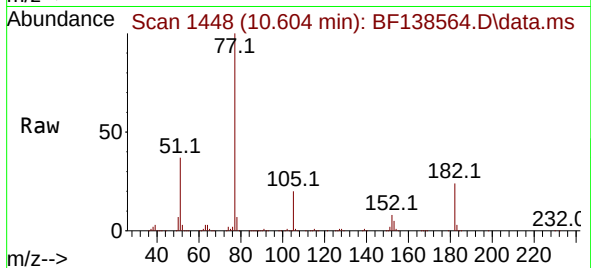
#63
Azobenzene
Concen: 39.731 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



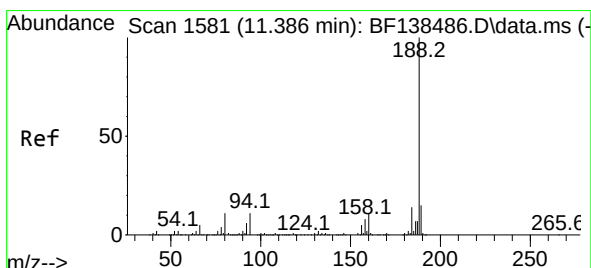
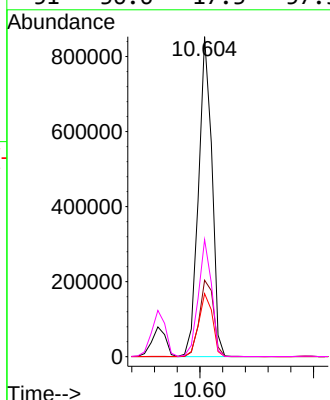
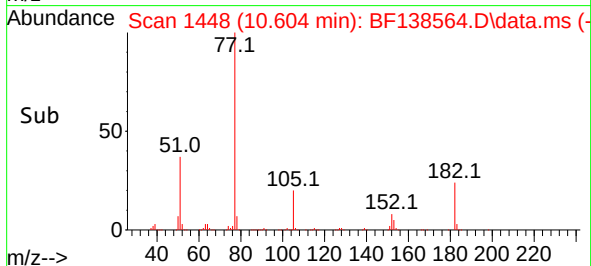
Tgt Ion: 77 Resp: 698390
Ion Ratio Lower Upper
77 100
182 23.9 3.8 43.8
105 19.7 0.0 39.8
51 36.6 17.3 57.3

Manual Integrations

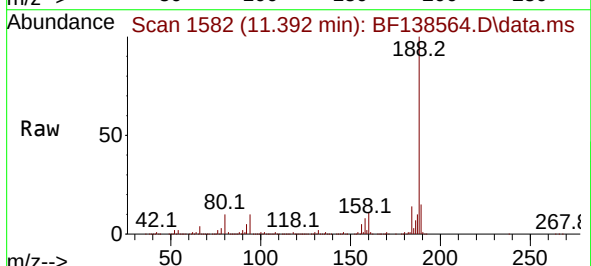
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

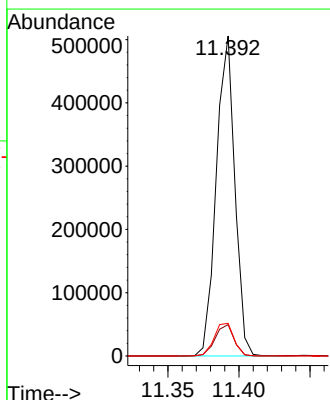
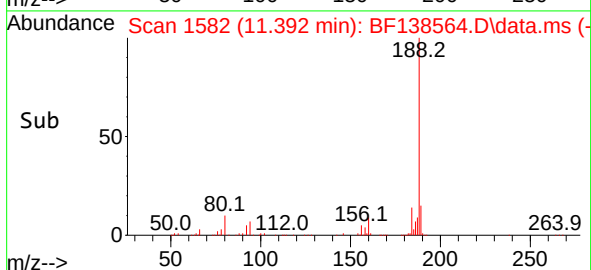
Supervised By :mohammad ahmed 07/16/2024

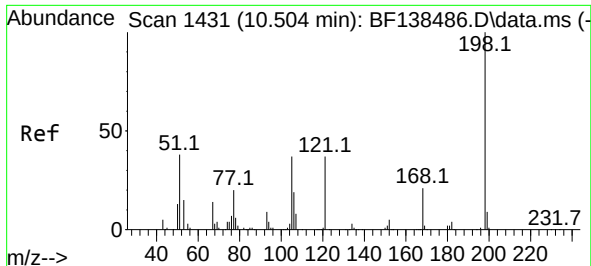


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



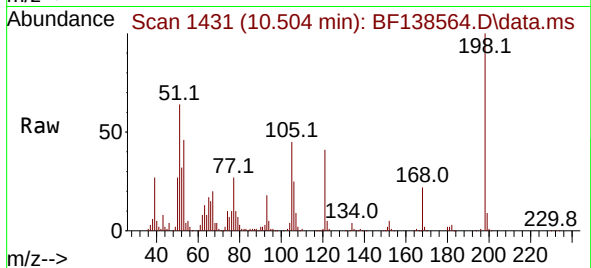
Tgt Ion:188 Resp: 457739
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 10.2 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.530 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

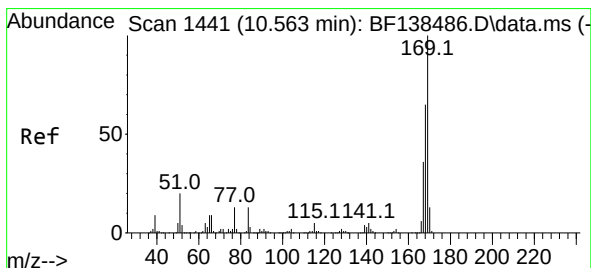
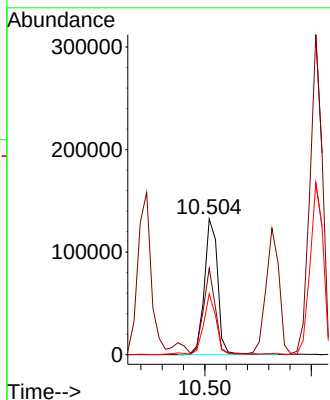
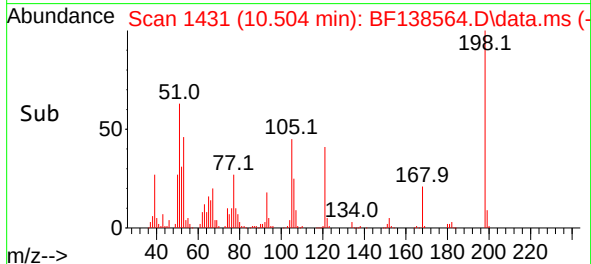
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



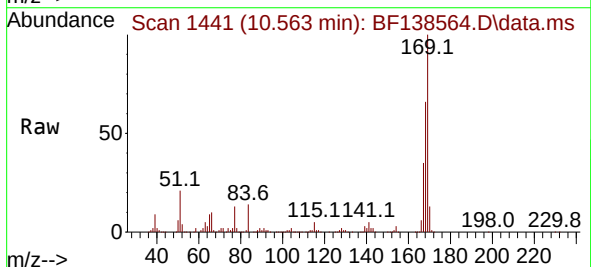
Tgt Ion:198 Resp: 115052
Ion Ratio Lower Upper
198 100
51 63.7 27.2 67.2
105 44.8 18.5 58.5

Manual Integrations
APPROVED

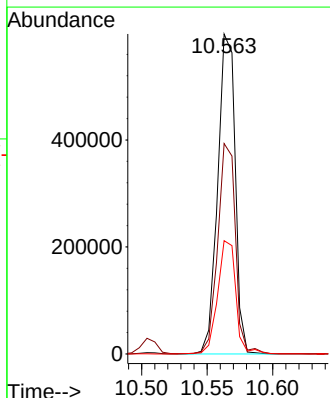
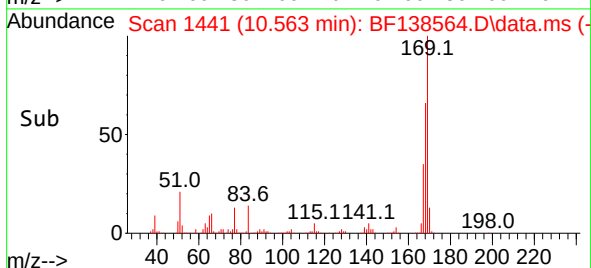
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

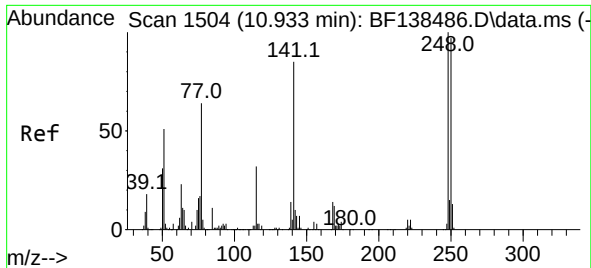


#66
n-Nitrosodiphenylamine
Concen: 40.297 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:169 Resp: 552639
Ion Ratio Lower Upper
169 100
168 65.8 51.7 77.5
167 35.4 28.5 42.7





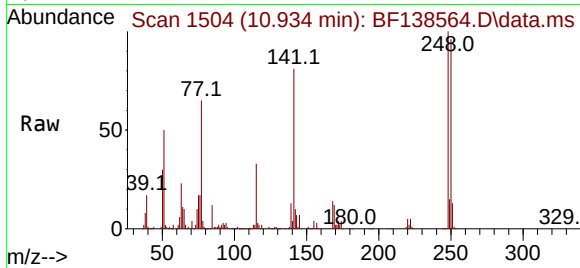
#67
4-Bromophenyl-phenylether
Concen: 41.609 ng
RT: 10.934 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



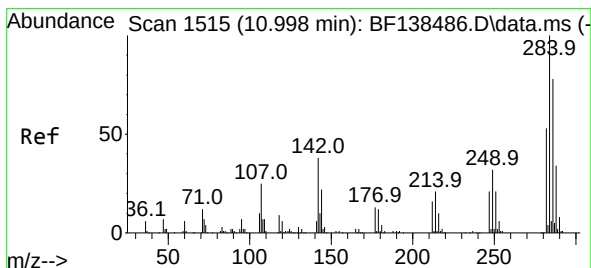
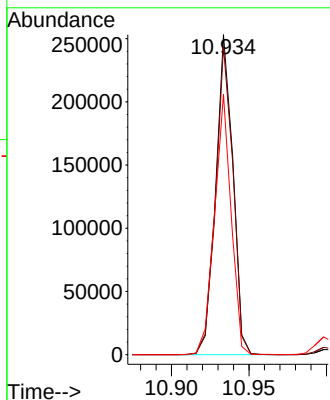
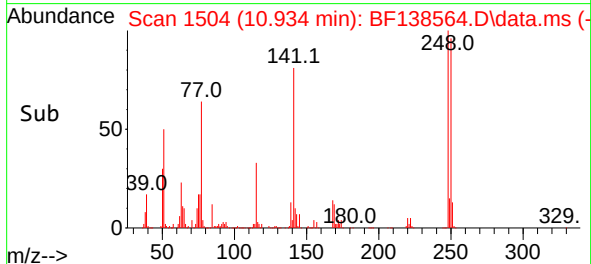
Tgt Ion:248 Resp: 195758
Ion Ratio Lower Upper
248 100
250 96.3 77.9 116.9
141 81.4 67.7 101.5

Manual Integrations

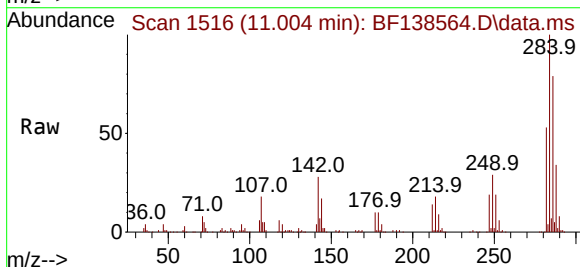
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

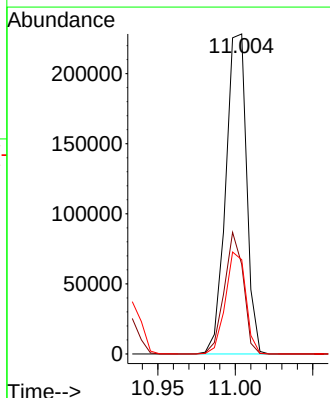
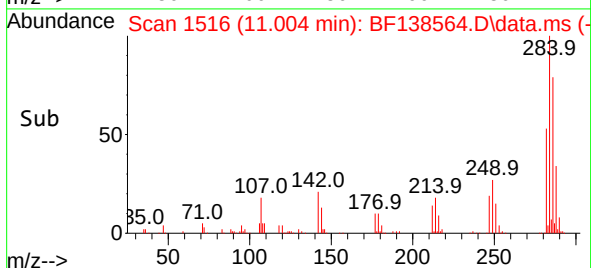
Supervised By :mohammad ahmed 07/16/2024

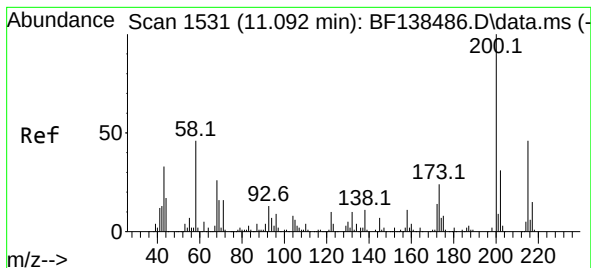


#68
Hexachlorobenzene
Concen: 40.779 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:284 Resp: 213134
Ion Ratio Lower Upper
284 100
142 28.0 30.5 45.7#
249 29.4 25.9 38.9





#69

Atrazine

Concen: 35.399 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

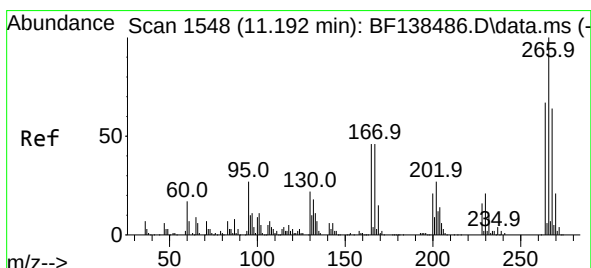
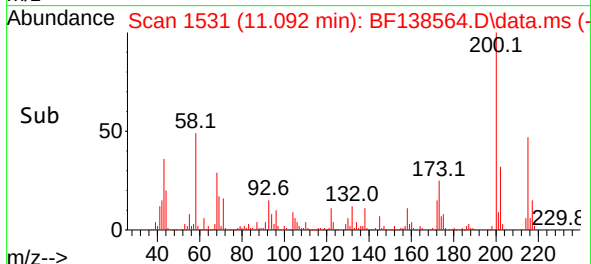
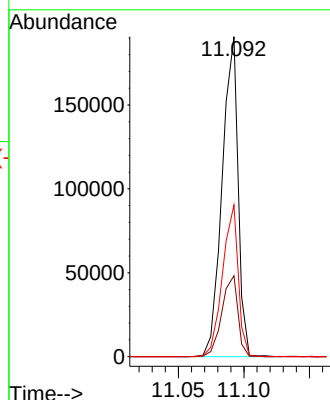
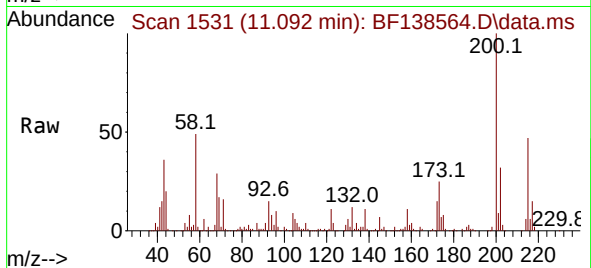
Tgt Ion:	200	Resp:	16095
Ion Ratio	Lower	Upper	
200	100		
173	25.3	4.1	44.1
215	47.4	26.5	66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#70

Pentachlorophenol

Concen: 38.501 ng

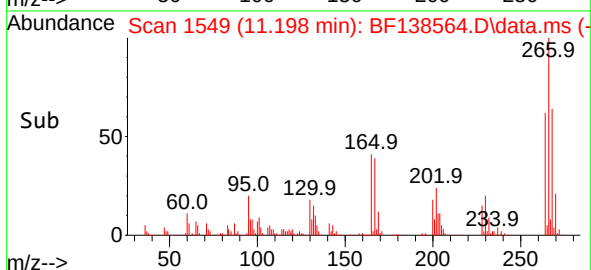
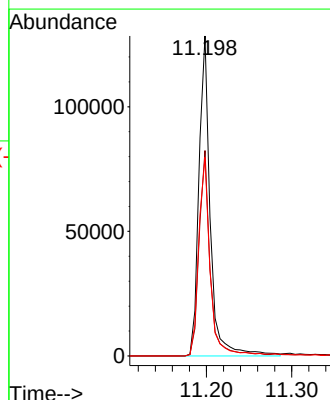
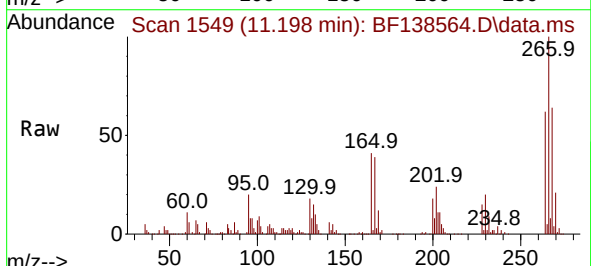
RT: 11.198 min Scan# 1549

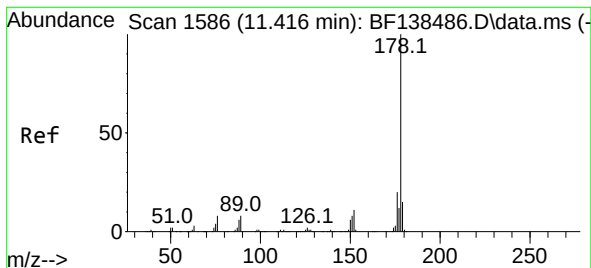
Delta R.T. 0.006 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Tgt Ion:	266	Resp:	119072
Ion Ratio	Lower	Upper	
266	100		
268	64.2	50.9	76.3
264	62.1	53.5	80.3





#71

Phenanthrene

Concen: 39.115 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

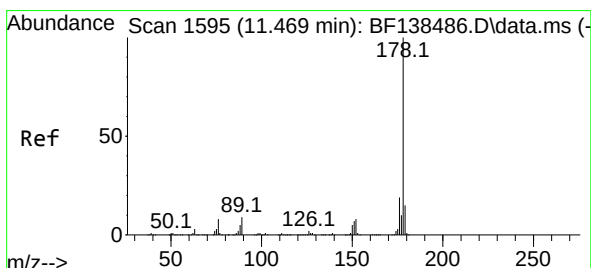
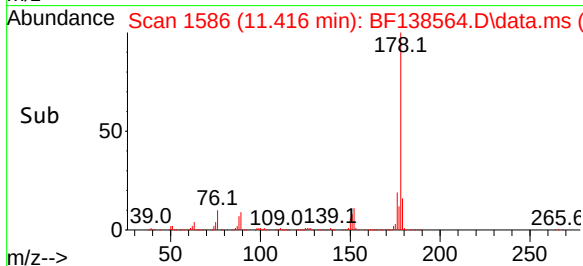
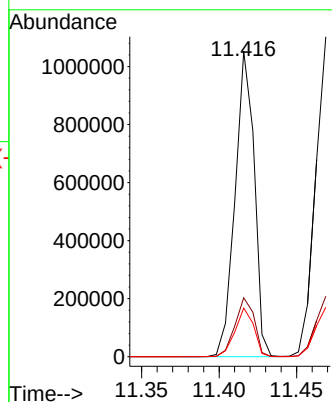
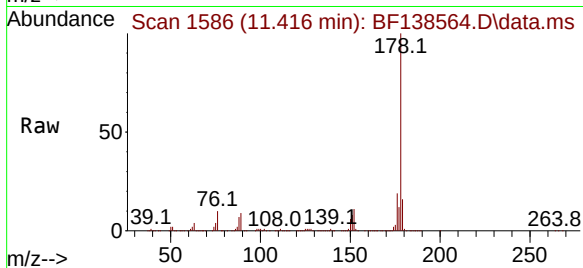
Tgt Ion:178 Resp: 904554
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.9 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#72

Anthracene

Concen: 39.266 ng

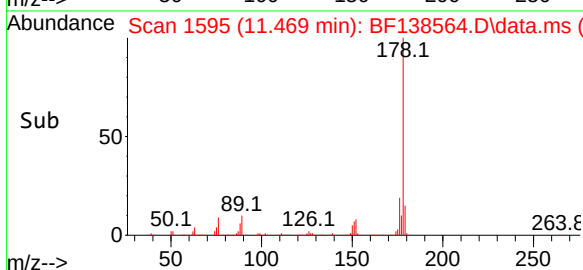
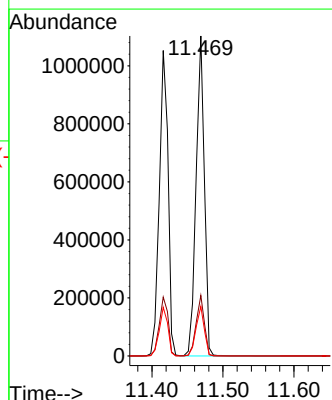
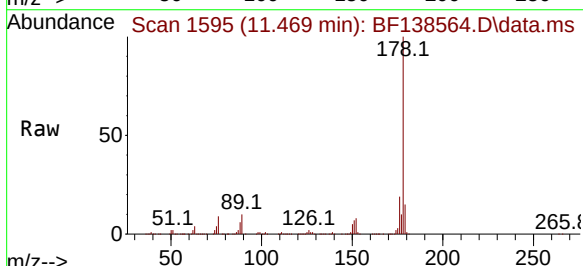
RT: 11.469 min Scan# 1595

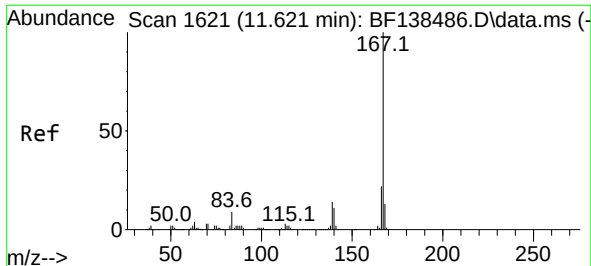
Delta R.T. 0.000 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

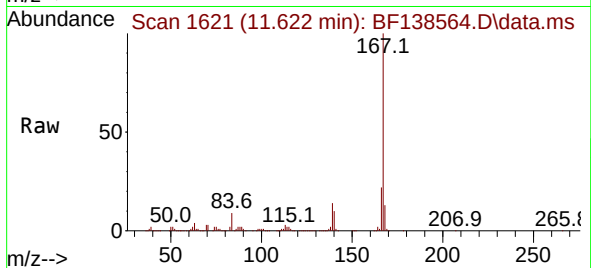
Tgt Ion:178 Resp: 901377
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 39.258 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138564.D
 Acq: 15 Jul 2024 11:51

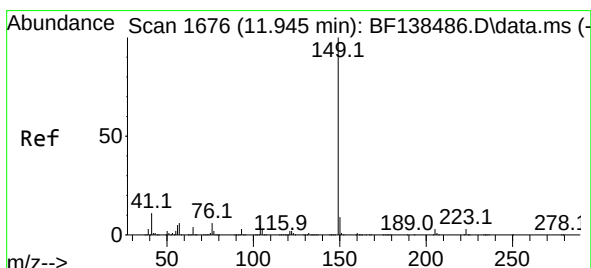
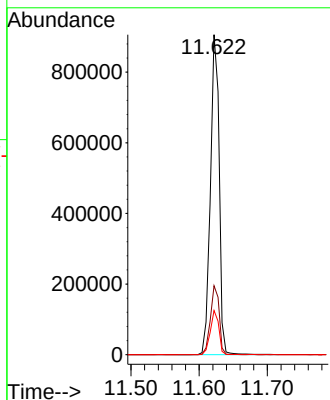
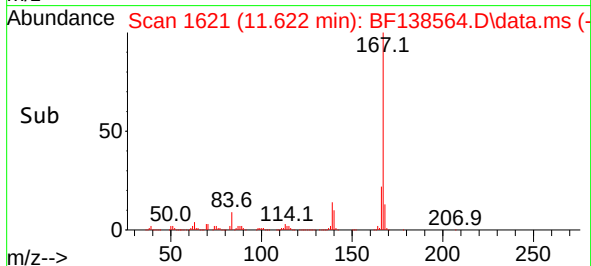
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



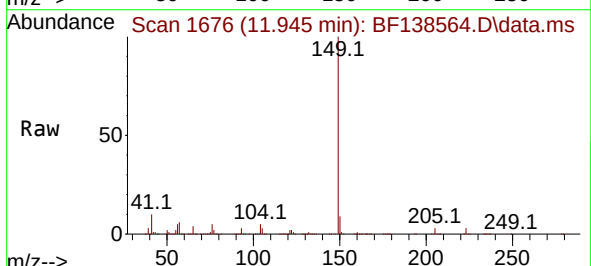
Tgt Ion:167 Resp: 809868
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

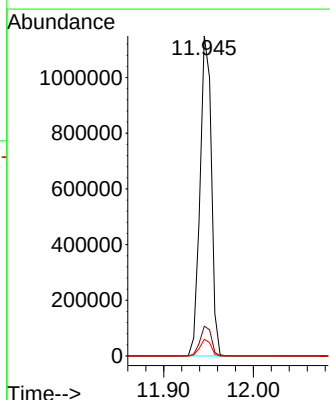
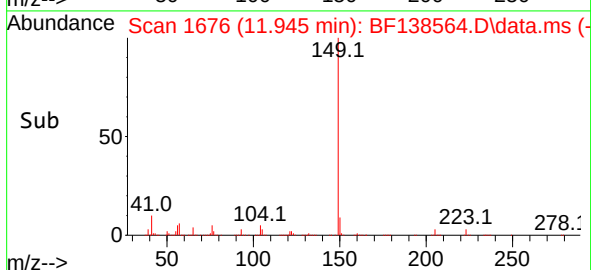
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

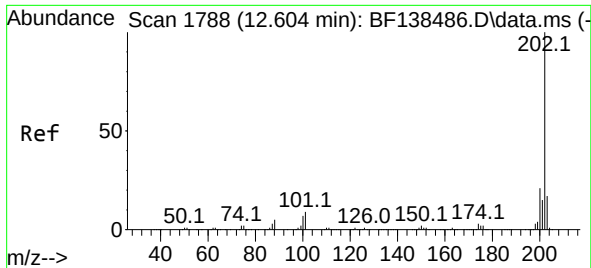


#74
 Di-n-butylphthalate
 Concen: 42.375 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138564.D
 Acq: 15 Jul 2024 11:51



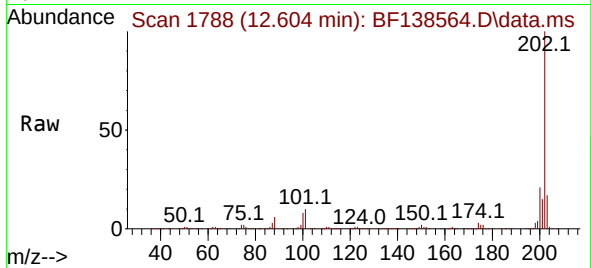
Tgt Ion:149 Resp: 1007642
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 39.295 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

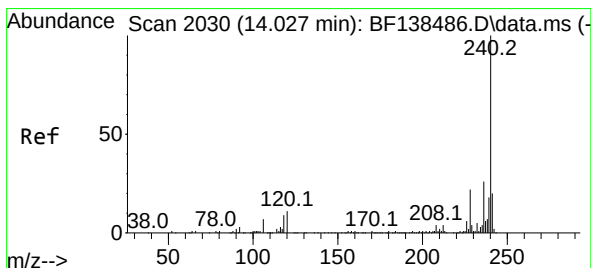
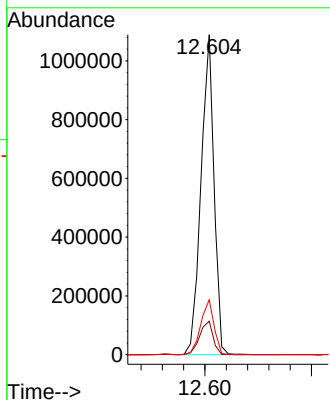
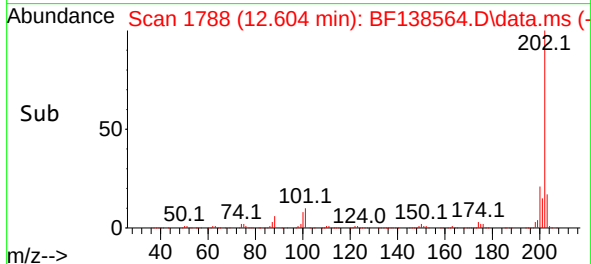
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



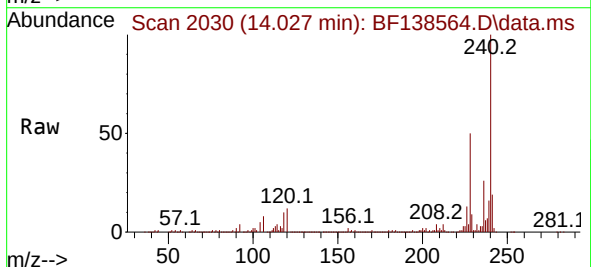
Tgt Ion:202 Resp: 92724
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.2
203 17.2 0.0 37.3

Manual Integrations
APPROVED

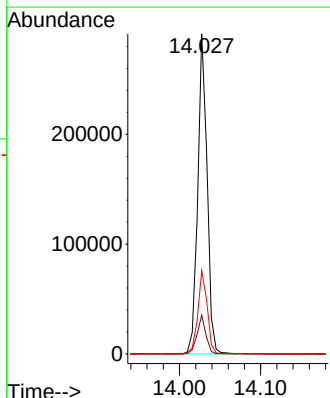
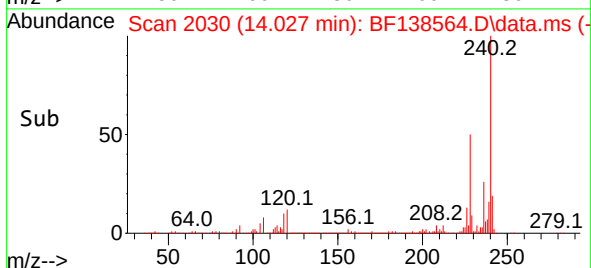
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024

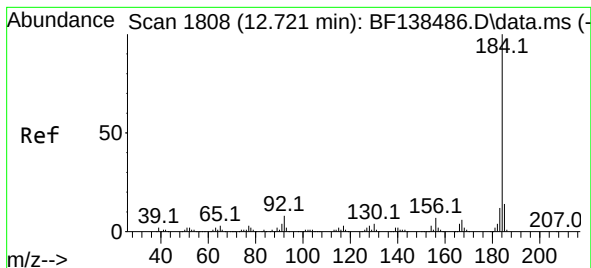


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:240 Resp: 234715
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 26.0 21.0 31.6





#77

Benzidine

Concen: 33.160 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138564.D

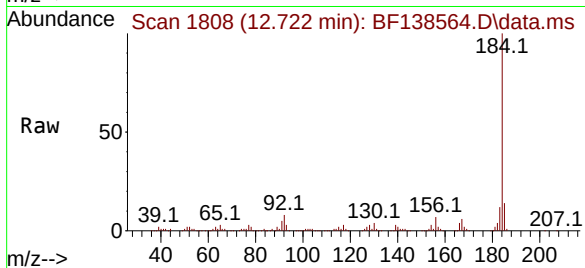
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 19636

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

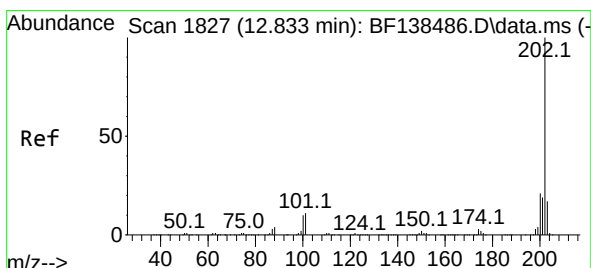
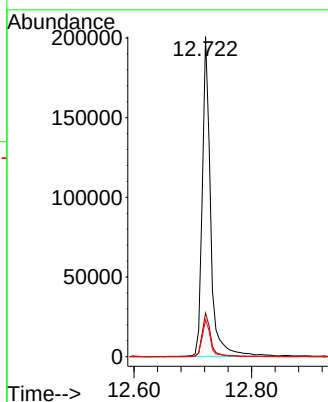
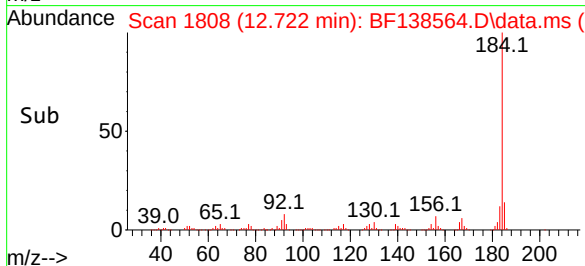
183 11.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#78

Pyrene

Concen: 38.958 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138564.D

Acq: 15 Jul 2024 11:51

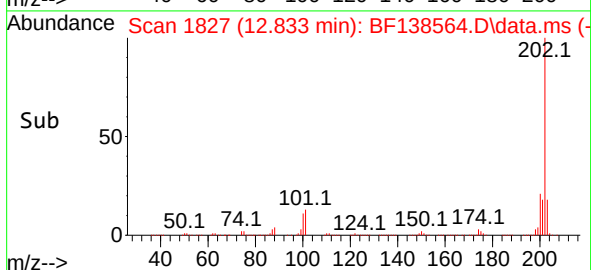
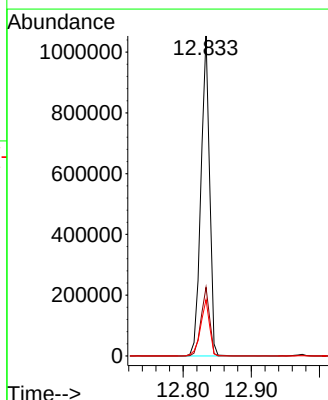
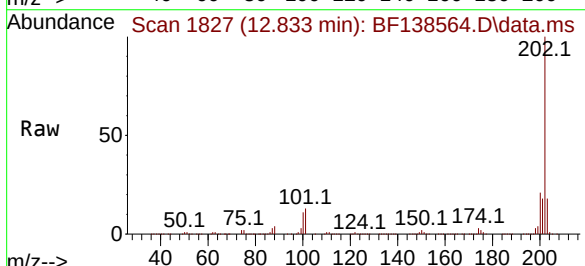
Tgt Ion:202 Resp: 928242

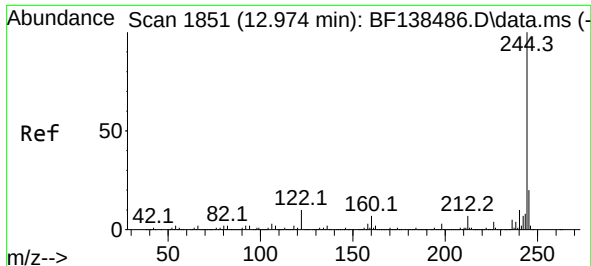
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

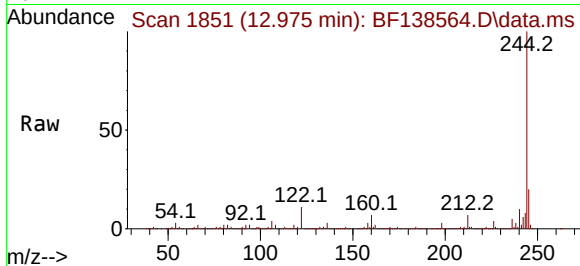
203 17.6 13.7 20.5





#79
Terphenyl-d14
Concen: 80.626 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

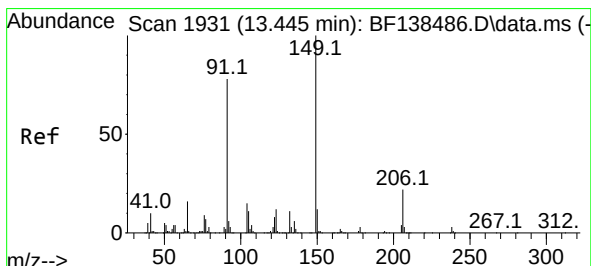
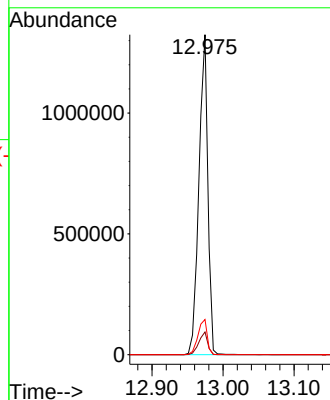
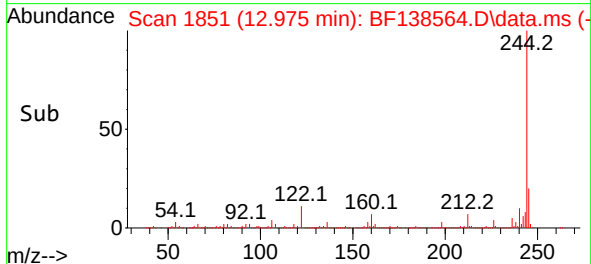
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:244 Resp: 1161629
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.0 7.8 11.8

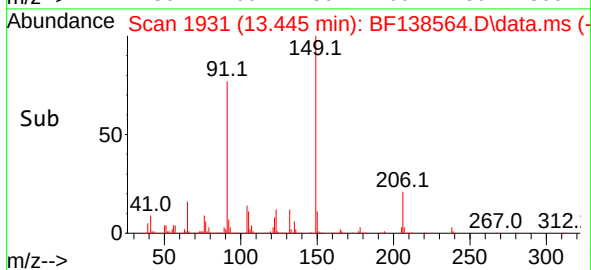
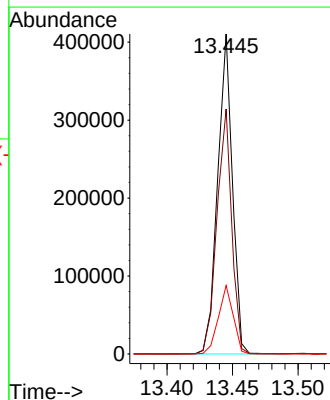
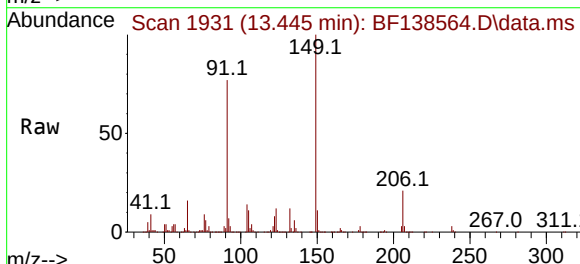
Manual Integrations
APPROVED

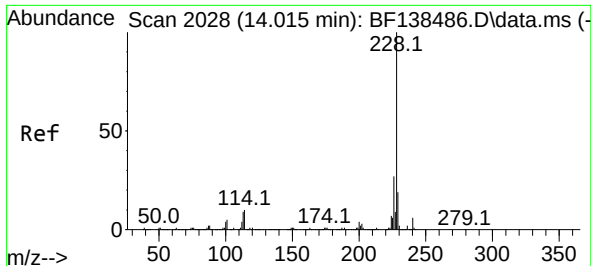
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#80
Butylbenzylphthalate
Concen: 44.740 ng
RT: 13.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:149 Resp: 320673
Ion Ratio Lower Upper
149 100
91 76.6 62.1 93.1
206 21.4 18.0 27.0





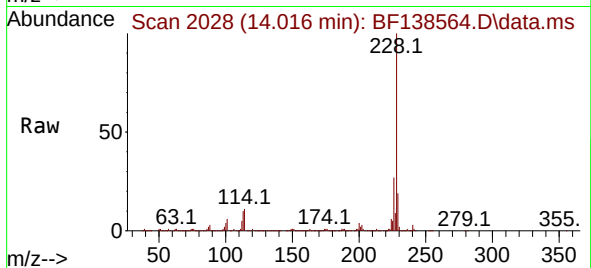
#81
Benzo(a)anthracene
Concen: 39.582 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



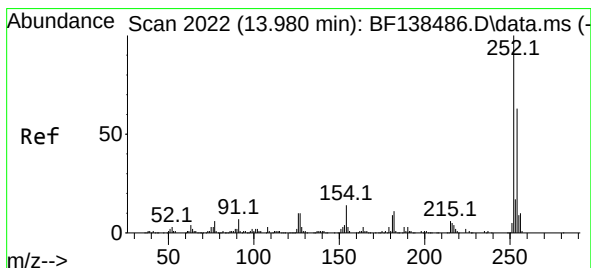
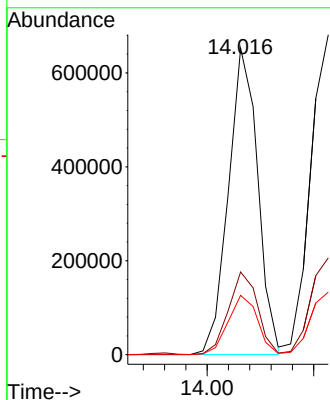
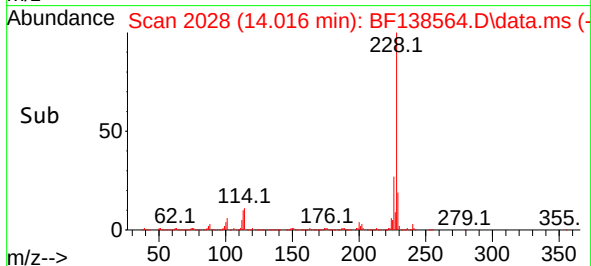
Tgt Ion:228 Resp: 623394
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.4 15.5 23.3

Manual Integrations

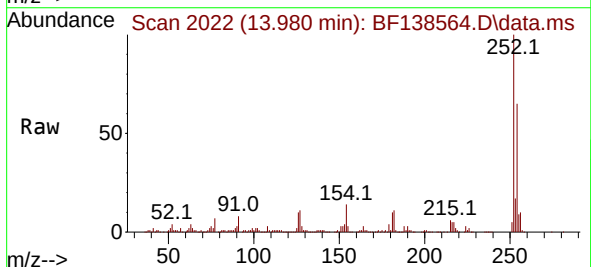
APPROVED

Reviewed By :Yogesh Patel 07/16/2024

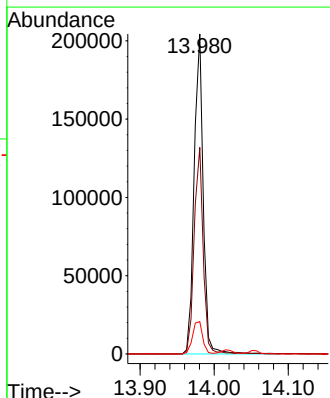
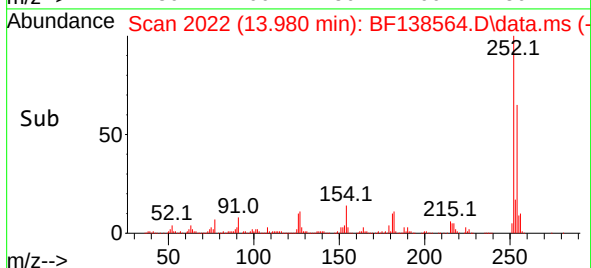
Supervised By :mohammad ahmed 07/16/2024

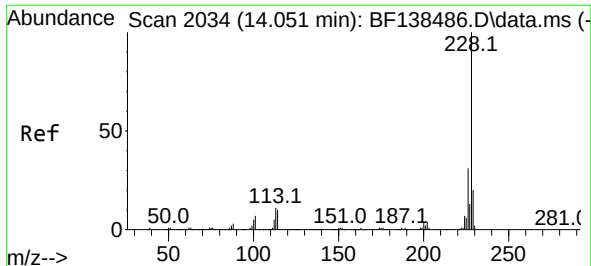


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51



Tgt Ion:252 Resp: 173478
Ion Ratio Lower Upper
252 100
254 64.6 50.3 75.5
126 10.1 8.1 12.1





#83
Chrysene
Concen: 39.544 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

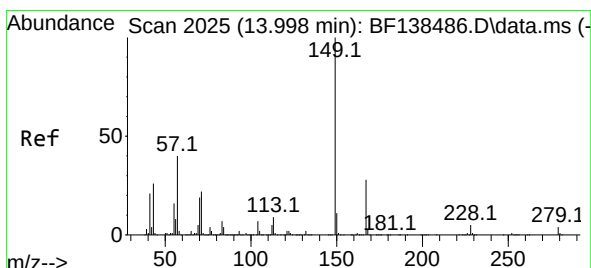
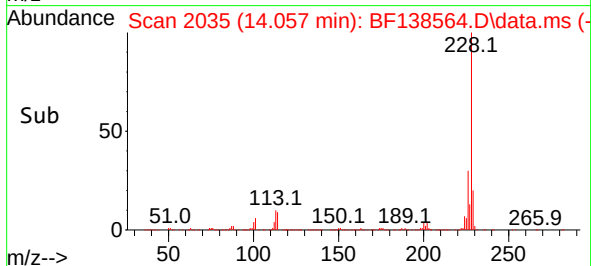
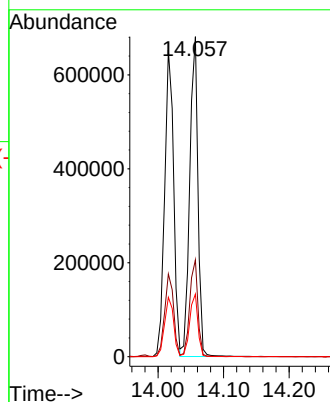
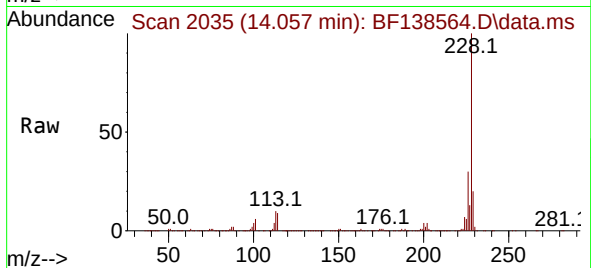
SSTDCCC040

Tgt Ion:228 Resp: 58917
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.6 16.0 24.0

Manual Integrations

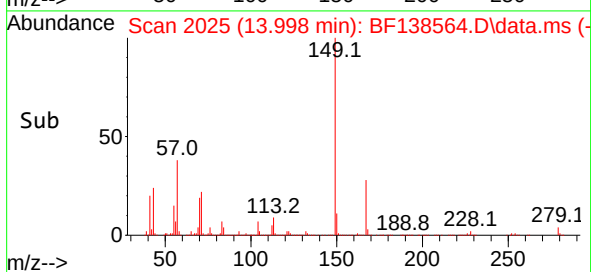
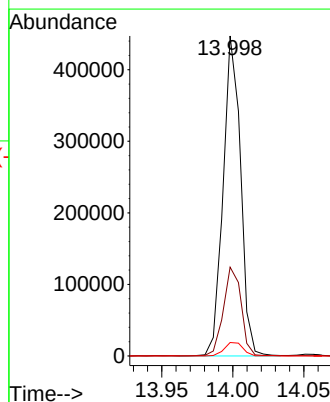
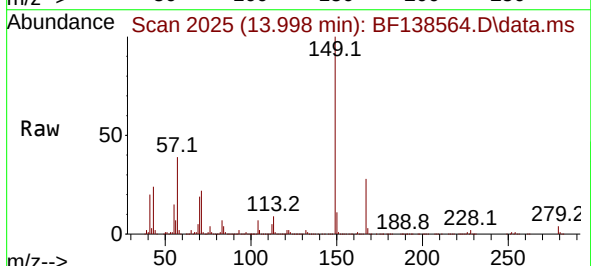
APPROVED

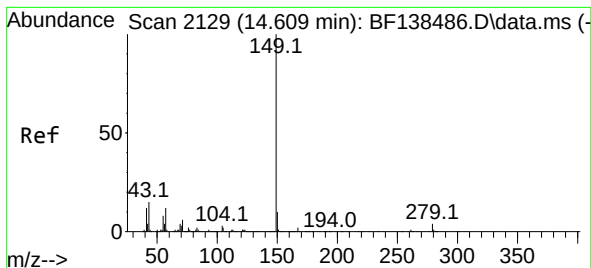
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.924 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

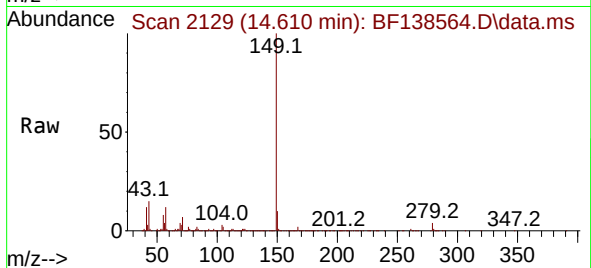
Tgt Ion:149 Resp: 381633
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 49.277 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

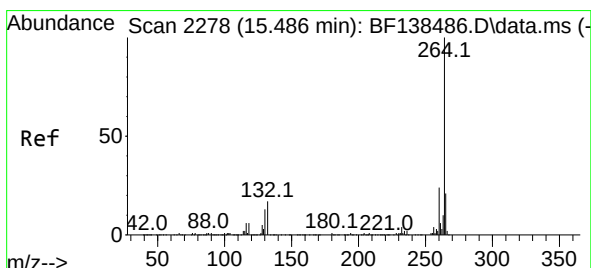
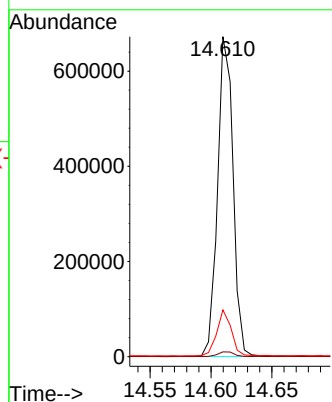
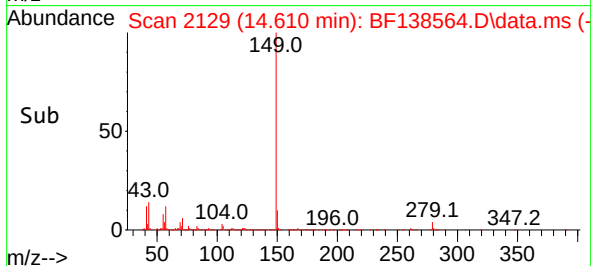
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 59507
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.6 10.7 16.1

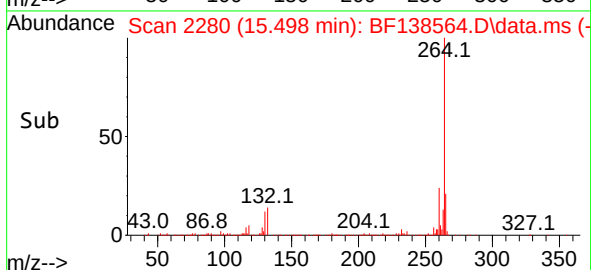
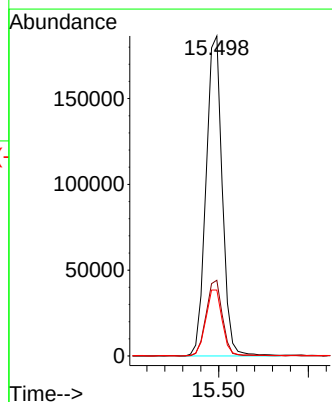
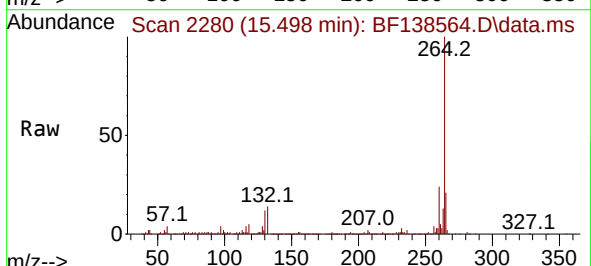
Manual Integrations
APPROVED

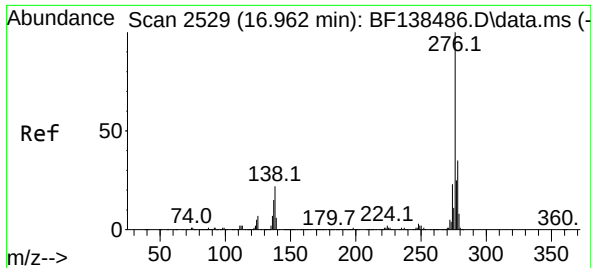
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.012 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:264 Resp: 233968
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 20.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.220 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

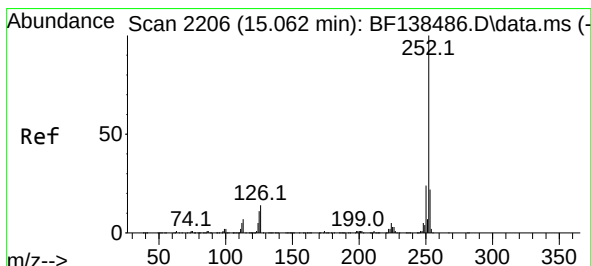
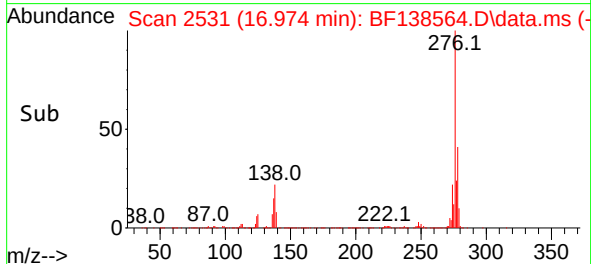
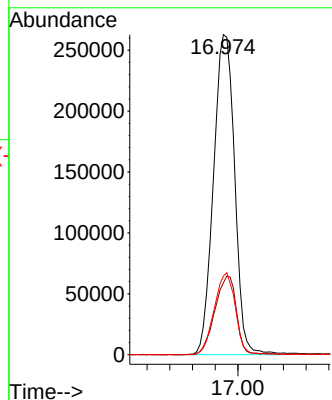
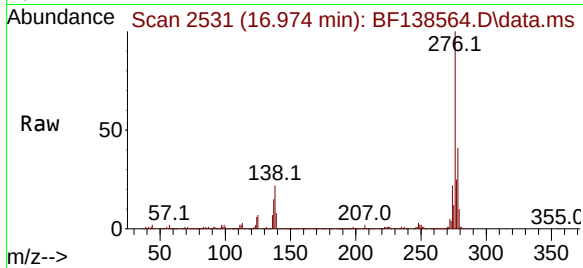
SSTDCCC040

Tgt Ion:276 Resp: 679239
Ion Ratio Lower Upper
276 100
138 24.9 19.6 29.4
277 25.5 20.5 30.7

Manual Integrations

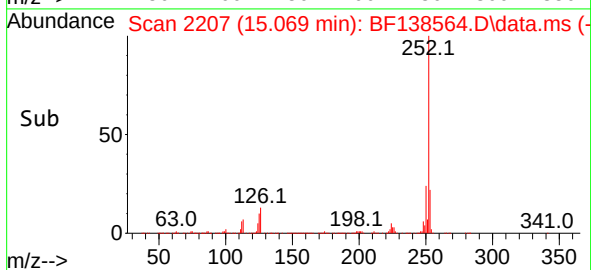
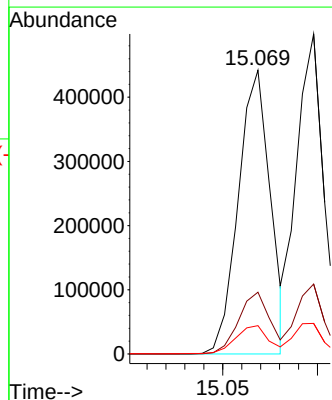
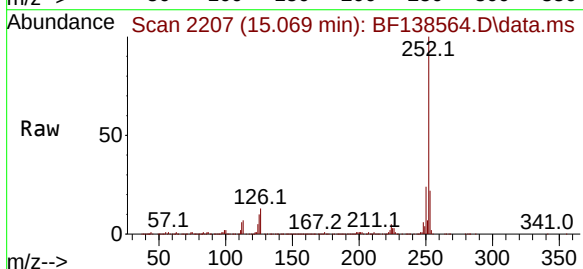
APPROVED

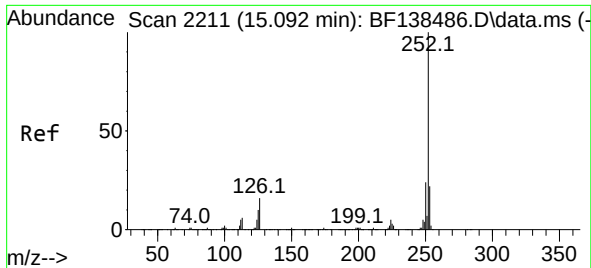
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#88
Benzo(b)fluoranthene
Concen: 39.365 ng
RT: 15.069 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:252 Resp: 518692
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.0 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 38.321 ng
RT: 15.098 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

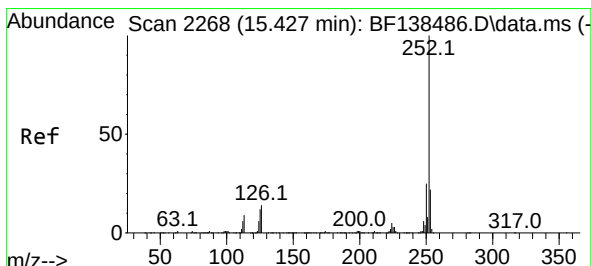
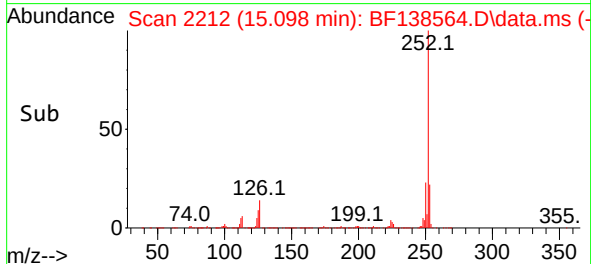
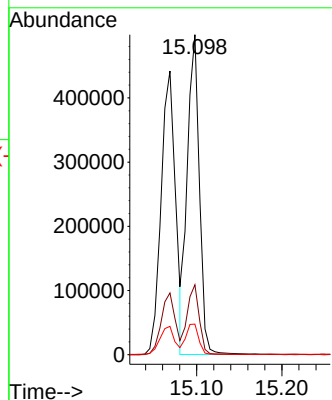
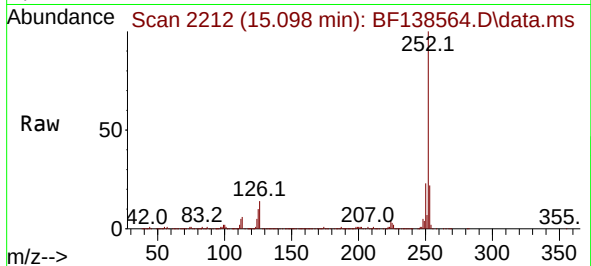
Tgt Ion:252 Resp: 492458
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.6 8.1 12.1

Manual Integrations

APPROVED

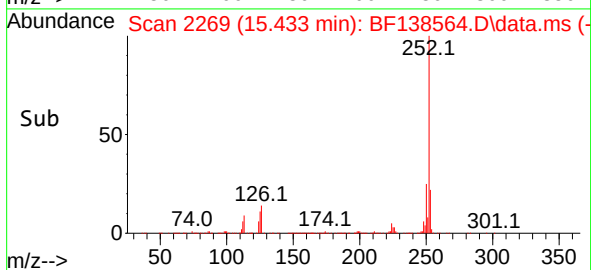
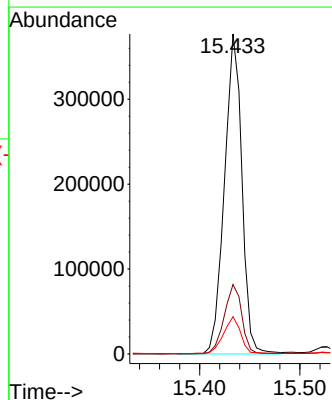
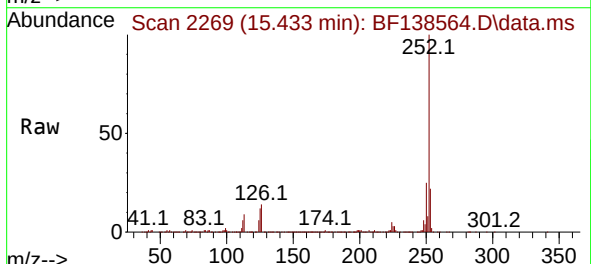
Reviewed By :Yogesh Patel 07/16/2024

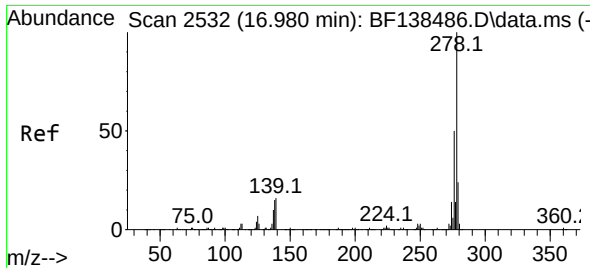
Supervised By :mohammad ahmed 07/16/2024



#90
Benzo(a)pyrene
Concen: 39.267 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:252 Resp: 454512
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.7 9.4 14.2





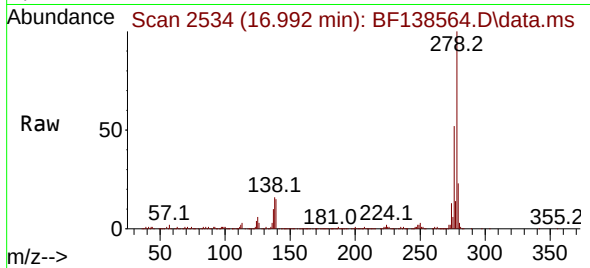
#91
Dibenzo(a,h)anthracene
Concen: 43.674 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



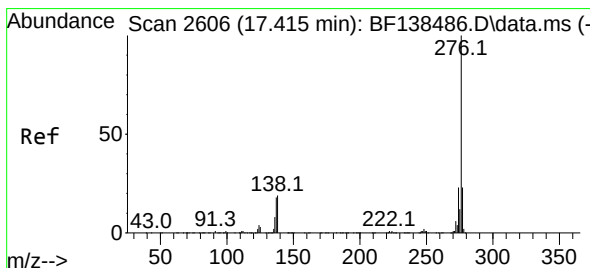
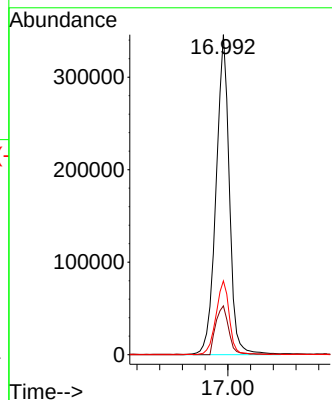
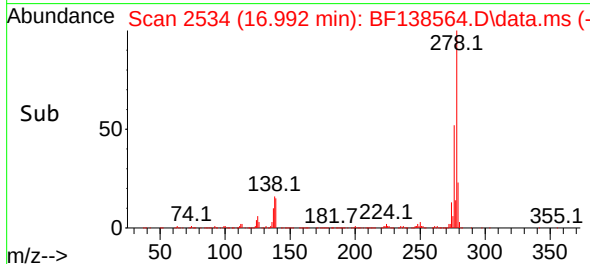
Tgt Ion:278 Resp: 56145
Ion Ratio Lower Upper
278 100
139 15.3 12.8 19.2
279 23.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/16/2024



#92
Benzo(g,h,i)perylene
Concen: 47.185 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.012 min
Lab File: BF138564.D
Acq: 15 Jul 2024 11:51

Tgt Ion:276 Resp: 643216
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 21.7 15.5 23.3

