

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138578.D
 Acq On : 19 Jul 2024 09:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 09:43:49 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	6.863	152	85070	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	341120	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	185607	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	327387	20.000	ng	0.00
76) Chrysene-d12	14.021	240	194971	20.000	ng	0.00
86) Perylene-d12	15.486	264	160777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	452110	84.170	ng	0.00
7) Phenol-d6	6.498	99	606295	84.849	ng	0.00
23) Nitrobenzene-d5	7.428	82	563866	81.158	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	138595	79.896	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	919118	77.394	ng	-0.01
79) Terphenyl-d14	12.963	244	867607	72.495	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	104379	43.876	ng	99
3) Pyridine	3.387	79	260846	44.462	ng	99
4) n-Nitrosodimethylamine	3.346	42	160988	42.154	ng	93
6) Aniline	6.528	93	284697	42.537	ng	90
8) 2-Chlorophenol	6.651	128	237631	41.839	ng	98
9) Benzaldehyde	6.416	77	152518	39.877	ng	98
10) Phenol	6.516	94	323783	42.689	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	238397	41.747	ng	99
12) 1,3-Dichlorobenzene	6.804	146	259444	40.638	ng	99
13) 1,4-Dichlorobenzene	6.881	146	260828	40.232	ng	99
14) 1,2-Dichlorobenzene	7.034	146	243042	40.251	ng	97
15) Benzyl Alcohol	7.004	79	221396	41.286	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	446550	39.765	ng	88
17) 2-Methylphenol	7.116	107	194998	41.891	ng	97
18) Hexachloroethane	7.369	117	99229	41.634	ng	93
19) n-Nitroso-di-n-propyla...	7.275	70	177190	40.131	ng	97
20) 3+4-Methylphenols	7.275	107	242436	41.360	ng	96
22) Acetophenone	7.275	105	326875	39.455	ng	100
24) Nitrobenzene	7.445	77	287129	40.667	ng	97
25) Isophorone	7.681	82	482285	40.421	ng	100
26) 2-Nitrophenol	7.763	139	124826	41.249	ng	96
27) 2,4-Dimethylphenol	7.798	122	150708	40.521	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	289709	40.628	ng	99
29) 2,4-Dichlorophenol	8.004	162	190512	39.445	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	213303	37.911	ng	97
31) Naphthalene	8.163	128	714429	40.270	ng	100
32) Benzoic acid	7.922	122	138593	39.070	ng	94
33) 4-Chloroaniline	8.216	127	244212	39.232	ng	99
34) Hexachlorobutadiene	8.281	225	126740	36.580	ng	99
35) Caprolactam	8.592	113	66508	42.674	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	218290	40.371	ng	99
37) 2-Methylnaphthalene	8.857	142	446801	39.135	ng	100
38) 1-Methylnaphthalene	8.957	142	434343	38.982	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	195236	37.742	ng	99
41) Hexachlorocyclopentadiene	9.004	237	53135	31.646	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	129522	39.252	ng	98

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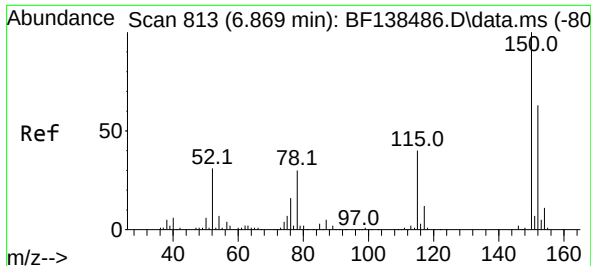
Quant Time: Jul 19 09:43:49 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	140281	38.652	ng	95
46) 1,1'-Biphenyl	9.322	154	560850	39.872	ng	99
47) 2-Chloronaphthalene	9.345	162	419902	39.515	ng	99
48) 2-Nitroaniline	9.439	65	156451	42.487	ng	93
49) Acenaphthylene	9.763	152	608569	40.338	ng	100
50) Dimethylphthalate	9.622	163	474684	39.551	ng	100
51) 2,6-Dinitrotoluene	9.686	165	111799	40.458	ng	91
52) Acenaphthene	9.933	154	410322m	40.915	ng	
53) 3-Nitroaniline	9.851	138	119108	42.054	ng	89
54) 2,4-Dinitrophenol	9.963	184	51181	37.165	ng	89
55) Dibenzofuran	10.104	168	576553	39.636	ng	99
56) 4-Nitrophenol	10.022	139	84324	40.350	ng	93
57) 2,4-Dinitrotoluene	10.086	165	149470	41.805	ng	100
58) Fluorene	10.445	166	452389	39.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	109336	38.172	ng	97
60) Diethylphthalate	10.316	149	462059	39.936	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	220930	38.226	ng	98
62) 4-Nitroaniline	10.469	138	120310	42.391	ng	96
63) Azobenzene	10.598	77	501181	40.290	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	78991	41.786	ng	84
66) n-Nitrosodiphenylamine	10.557	169	386415	39.395	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	126647	37.637	ng	98
68) Hexachlorobenzene	10.992	284	145898	39.029	ng	96
69) Atrazine	11.080	200	103739	31.900	ng	97
70) Pentachlorophenol	11.186	266	84885	38.375	ng	97
71) Phenanthrene	11.410	178	647258	39.133	ng	100
72) Anthracene	11.457	178	656609	39.992	ng	100
73) Carbazole	11.616	167	602720	40.849	ng	100
74) Di-n-butylphthalate	11.939	149	709352	41.708	ng	99
75) Fluoranthene	12.592	202	694174	41.131	ng	96
77) Benzidine	12.716	184	202439	41.154	ng	99
78) Pyrene	12.827	202	700583	35.397	ng	99
80) Butylbenzylphthalate	13.439	149	261154	43.863	ng	99
81) Benzo(a)anthracene	14.010	228	522457	39.935	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	133234	39.523	ng	98
83) Chrysene	14.045	228	492210	39.771	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	301514	47.483	ng	99
85) Di-n-octyl phthalate	14.604	149	413025	41.174	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	411777	38.130	ng	98
88) Benzo(b)fluoranthene	15.057	252	382964	42.296	ng	100
89) Benzo(k)fluoranthene	15.086	252	364980	41.331	ng	99
90) Benzo(a)pyrene	15.421	252	322934	40.600	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	332040	37.587	ng	99
92) Benzo(g,h,i)perylene	17.398	276	358435	38.264	ng	96

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



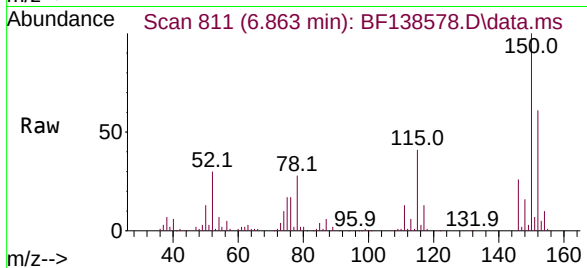
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138578.D
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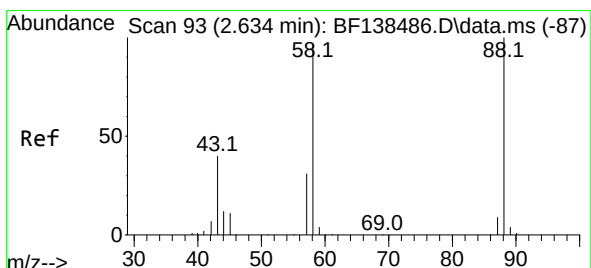
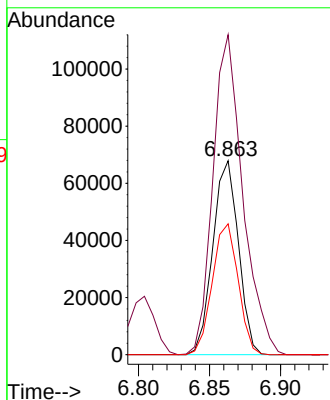
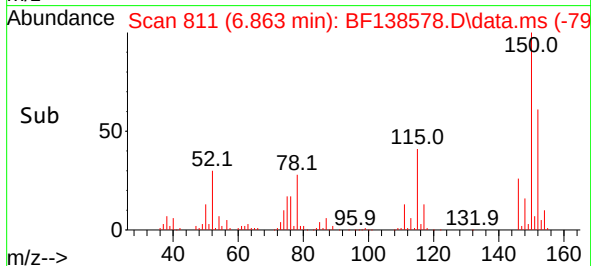
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Ion Ratio Lower Upper
152 100
150 165.0 126.2 189.4
115 67.5 50.3 75.5

Manual Integrations

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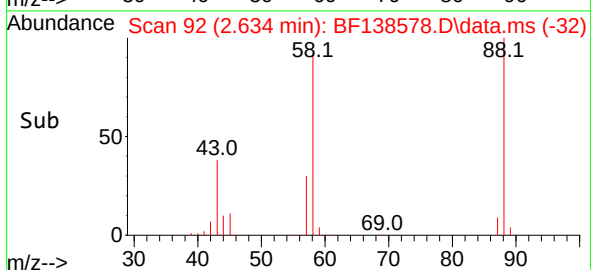
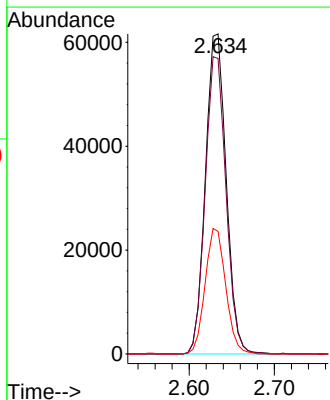
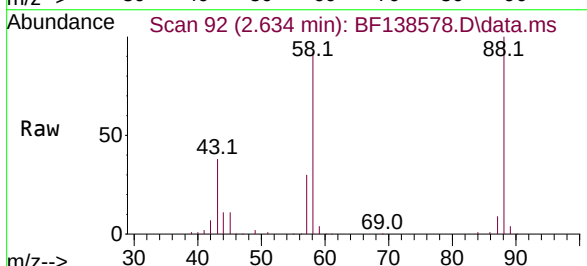
Reviewed By :Yogesh Patel 07/20/2024

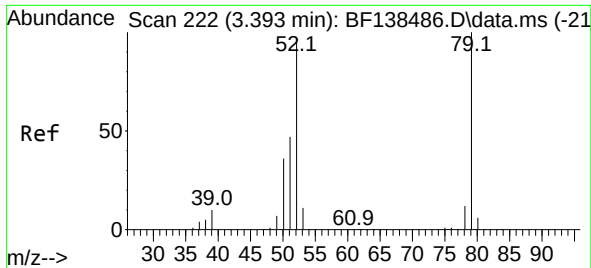
Supervised By :mohammad ahmed 07/22/2024



#2
1,4-Dioxane
Concen: 43.876 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion: 88 Resp: 104379
Ion Ratio Lower Upper
88 100
58 92.9 74.6 112.0
43 38.9 31.8 47.6





#3

Pyridine

Concen: 44.462 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

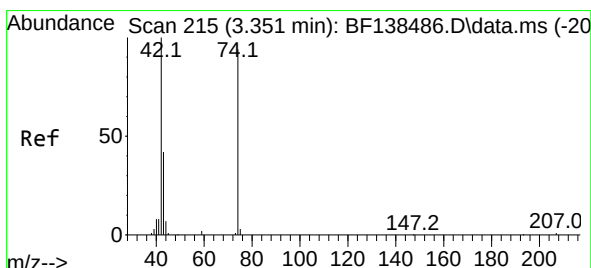
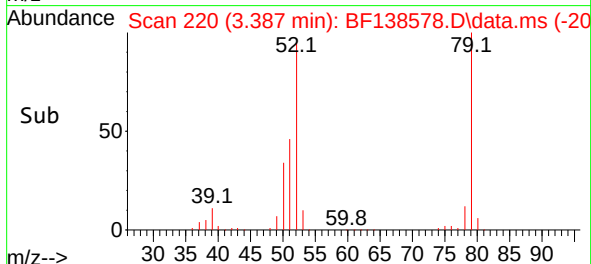
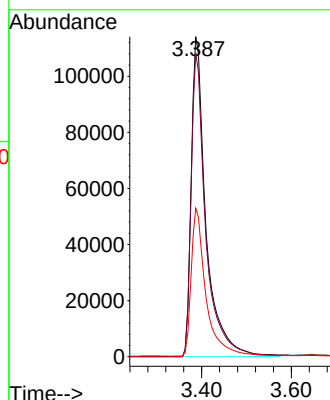
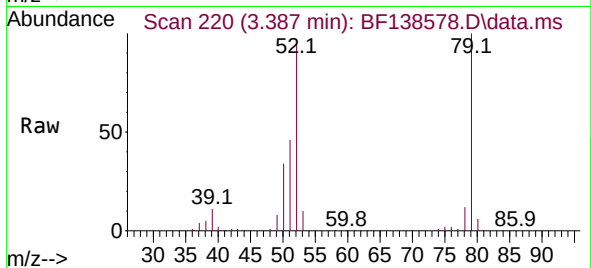
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 260840
 Ion Ratio Lower Upper
 79 100
 52 95.0 77.4 116.2
 51 46.4 37.4 56.0

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 Supervised By :mohammad ahmed 07/22/2024



#4

n-Nitrosodimethylamine

Concen: 42.154 ng

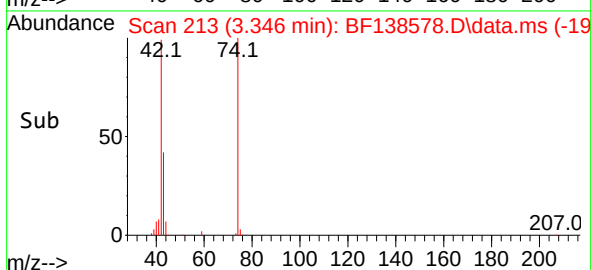
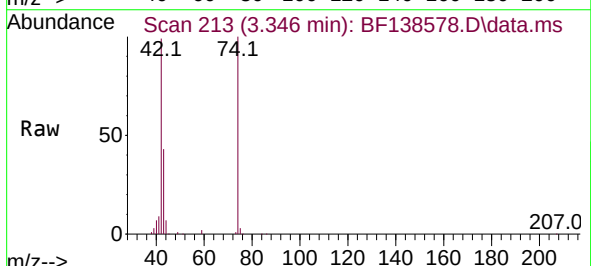
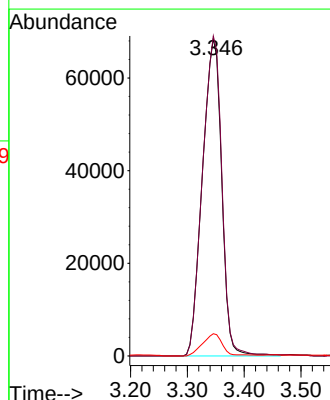
RT: 3.346 min Scan# 213

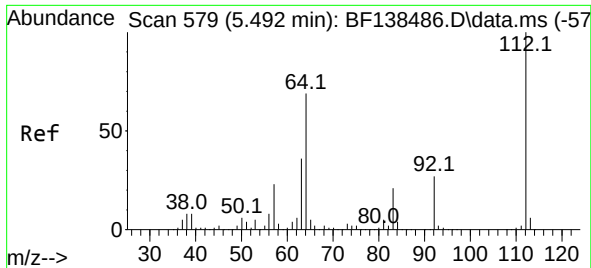
Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Tgt Ion: 42 Resp: 160988
 Ion Ratio Lower Upper
 42 100
 74 100.8 75.0 112.6
 44 7.0 5.4 8.2





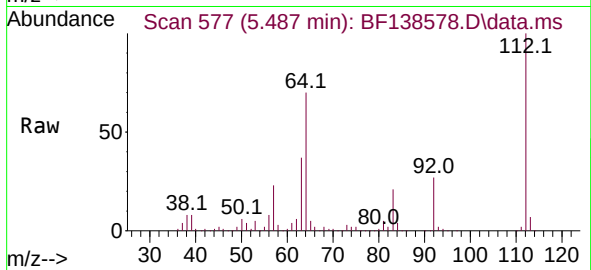
#5
2-Fluorophenol
Concen: 84.170 ng
RT: 5.487 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



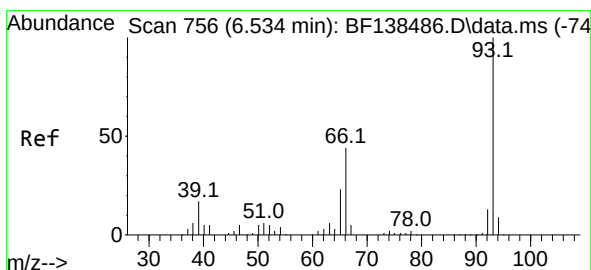
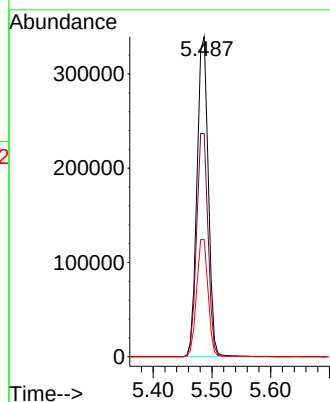
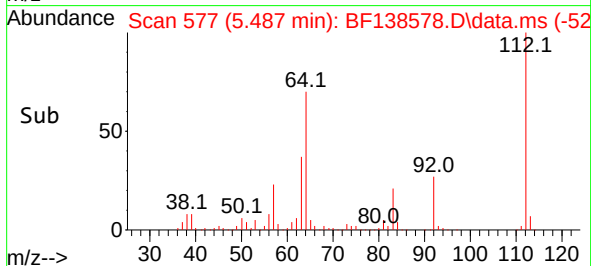
Tgt Ion:112 Resp: 452110
Ion Ratio Lower Upper
112 100
64 69.7 55.1 82.7
63 36.6 29.0 43.6

Manual Integrations

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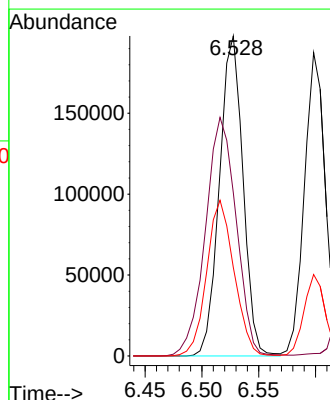
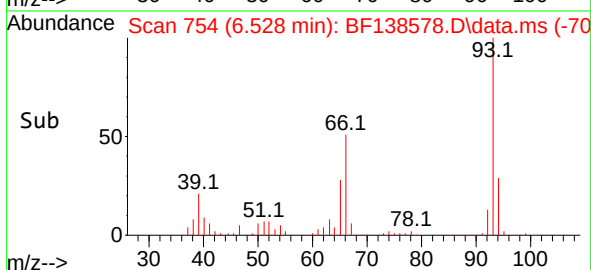
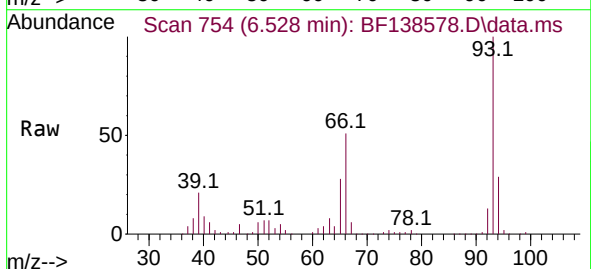
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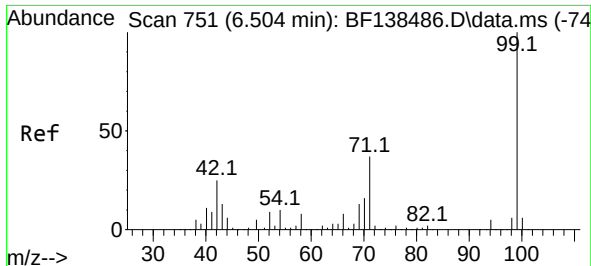
Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 42.537 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

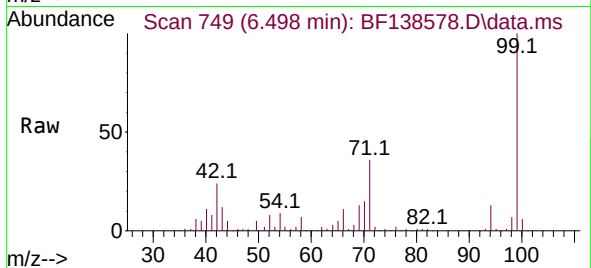
Tgt Ion: 93 Resp: 284697
Ion Ratio Lower Upper
93 100
66 51.0 35.4 53.0
65 27.7 18.6 27.8





#7
Phenol-d6
Concen: 84.849 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

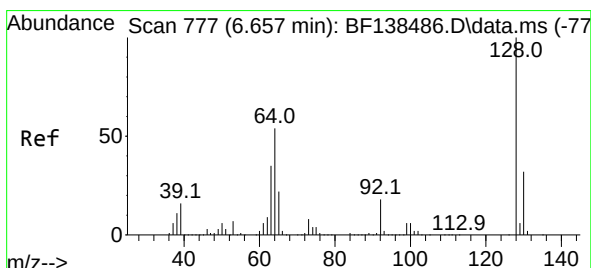
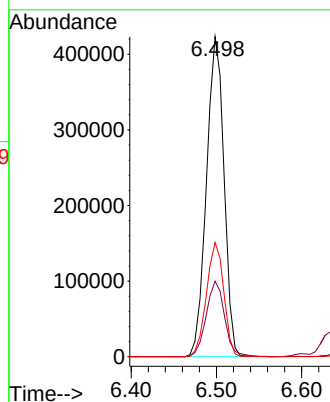
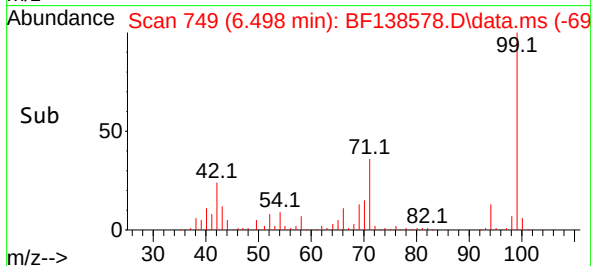
Instrument :
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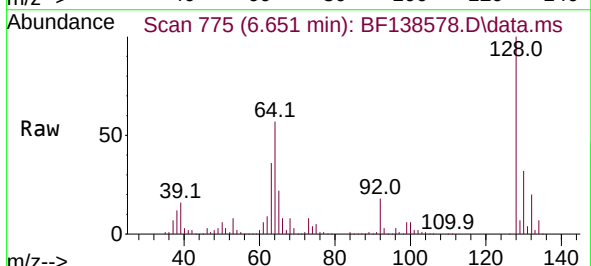
Tgt Ion: 99 Resp: 60629
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 35.7 29.9 44.9

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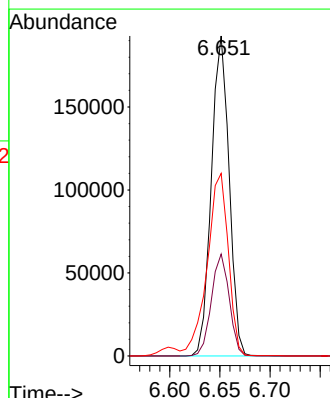
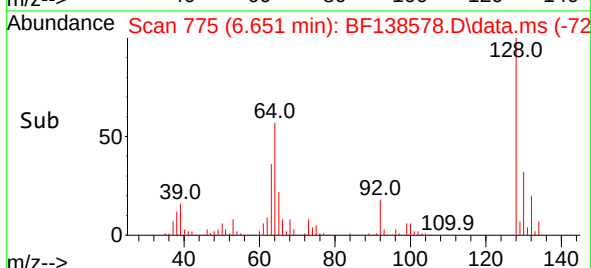
Reviewed By :Yogesh Patel 07/20/2024
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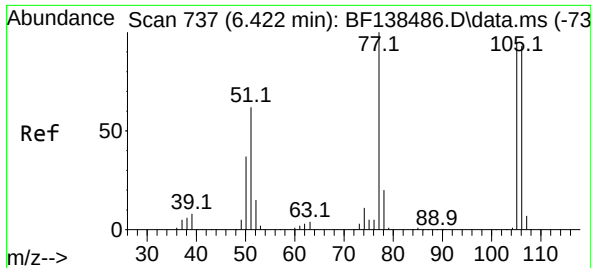


#8
2-Chlorophenol
Concen: 41.839 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



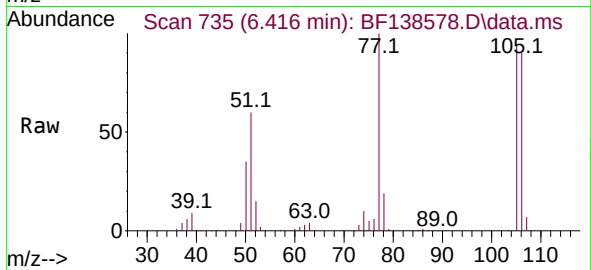
Tgt Ion:128 Resp: 237631
Ion Ratio Lower Upper
128 100
130 31.9 12.1 52.1
64 57.1 34.4 74.4





#9
Benzaldehyde
Concen: 39.877 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

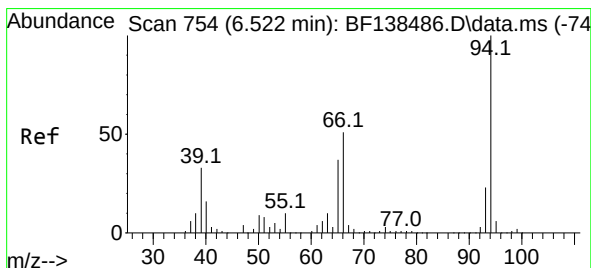
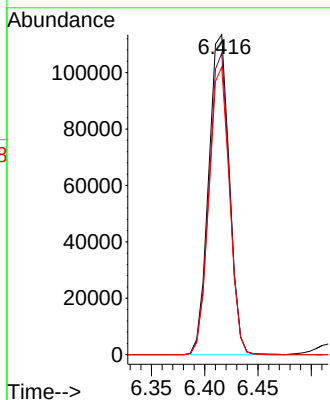
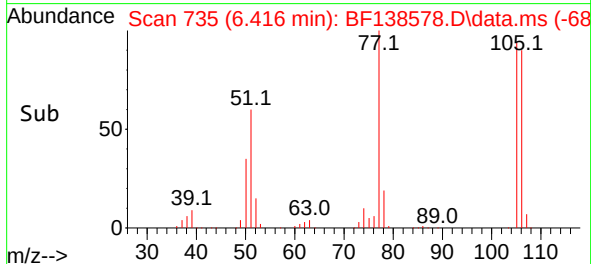
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 152518
Ion Ratio Lower Upper
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105 94.2 75.1 115.1
106 89.9 73.2 113.2

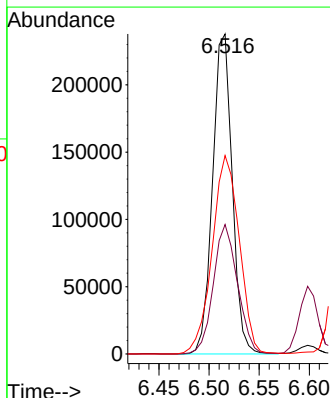
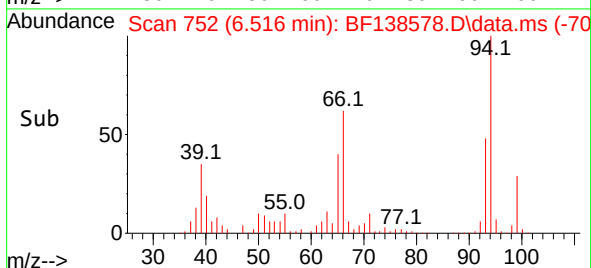
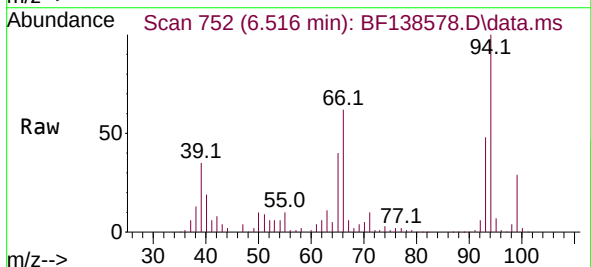
Manual Integrations
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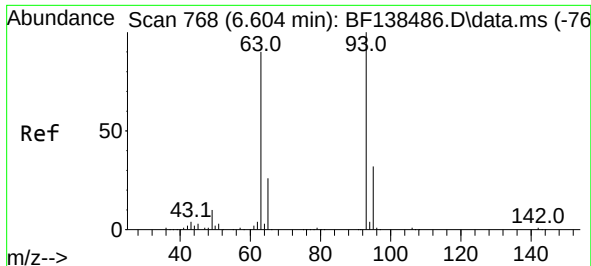
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 42.689 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion: 94 Resp: 323783
Ion Ratio Lower Upper
94 100
65 40.5 16.7 56.7
66 62.0 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 41.747 ng

RT: 6.598 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

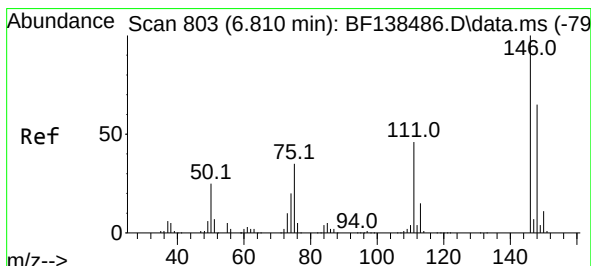
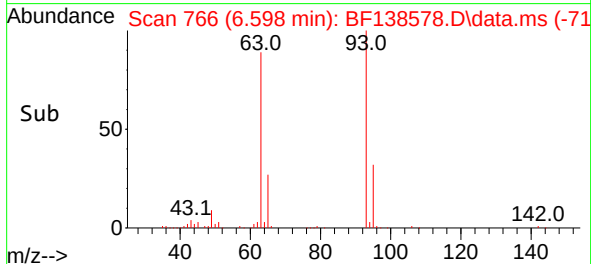
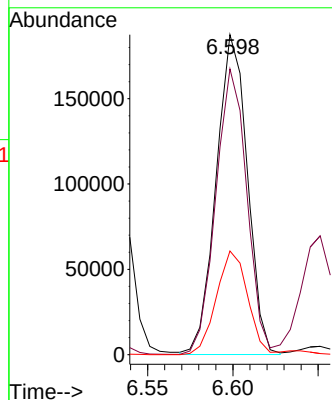
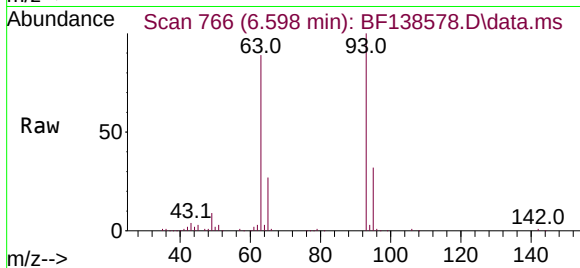
Tgt Ion: 93 Resp: 238397
 Ion Ratio Lower Upper
 93 100
 63 89.3 68.8 108.8
 95 32.4 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#12

1,3-Dichlorobenzene

Concen: 40.638 ng

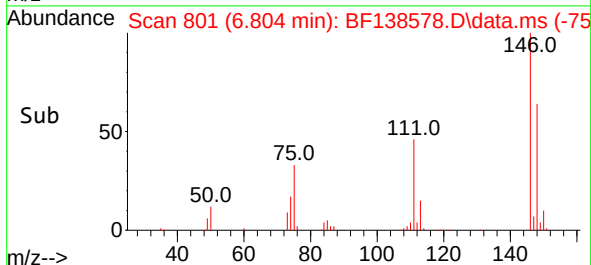
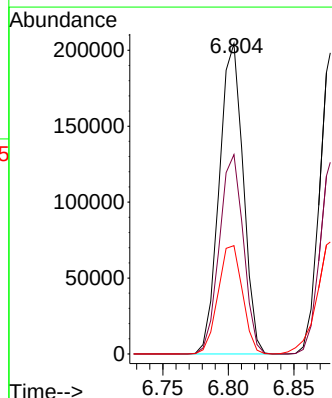
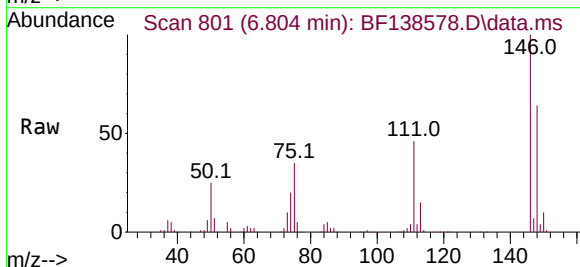
RT: 6.804 min Scan# 801

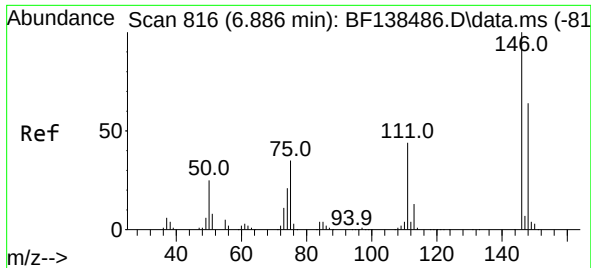
Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Tgt Ion:146 Resp: 259444
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.4 78.6
 75 34.9 27.8 41.8





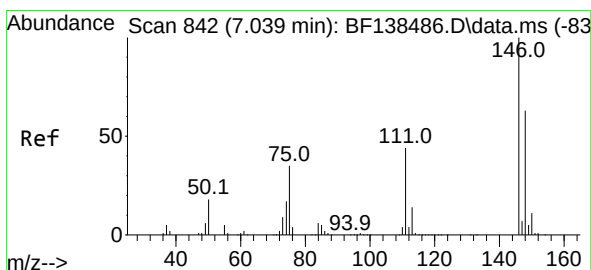
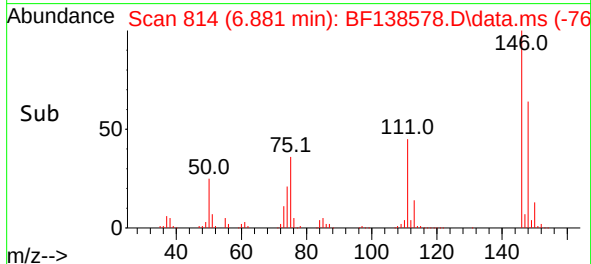
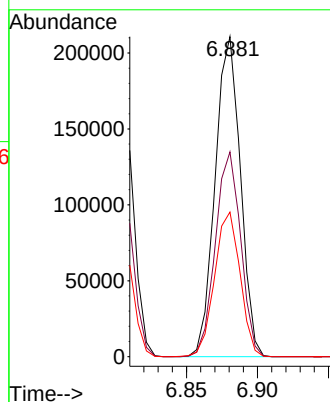
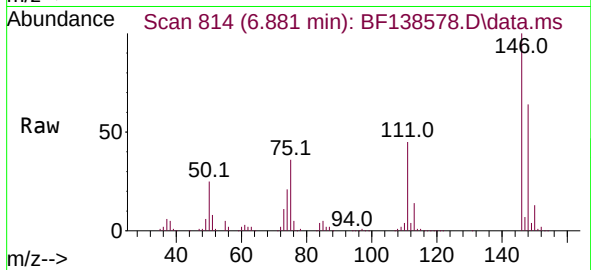
#13
1,4-Dichlorobenzene
Concen: 40.232 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 260828
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 45.2 34.9 52.3

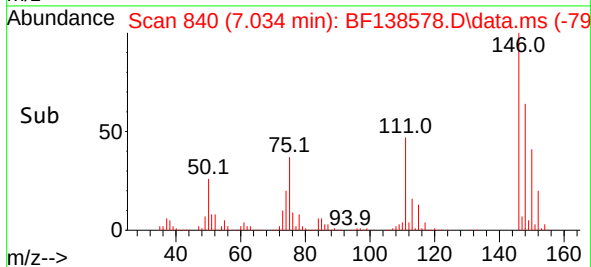
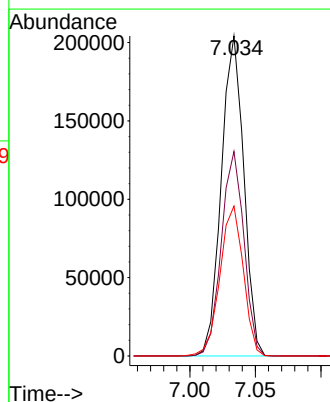
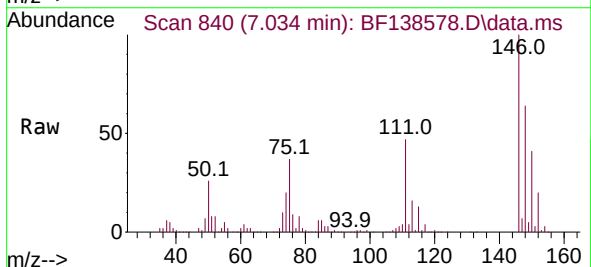
Manual Integrations
APPROVED

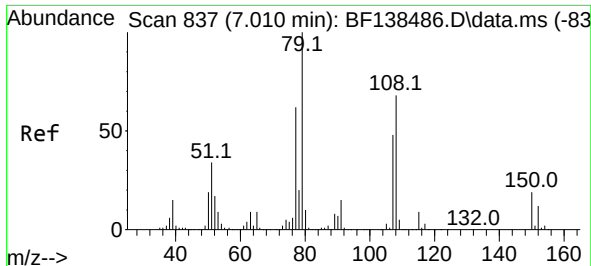
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 40.251 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

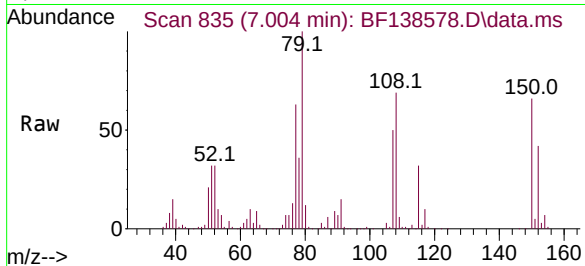
Tgt Ion:146 Resp: 243042
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 46.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 41.286 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

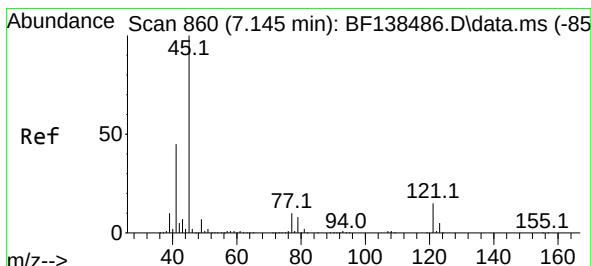
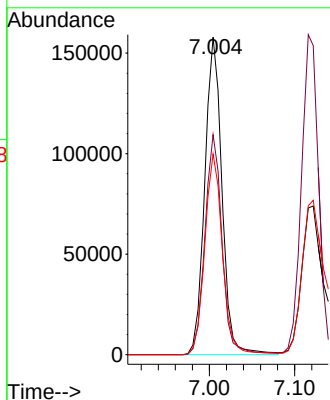
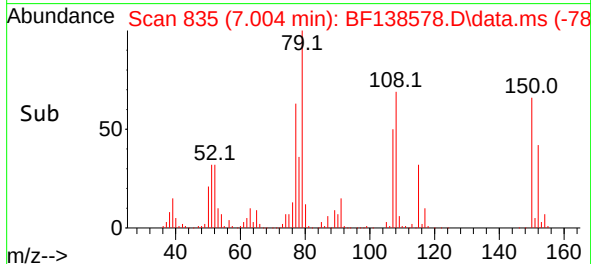
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



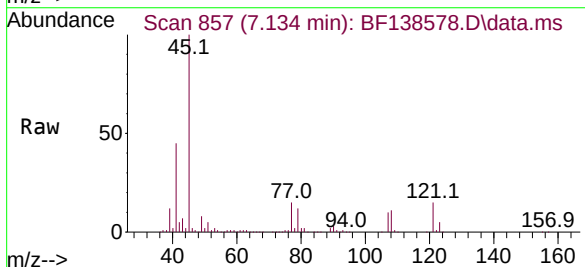
Tgt Ion: 79 Resp: 221390
Ion Ratio Lower Upper
79 100
108 69.3 54.3 81.5
77 63.3 50.0 75.0

Manual Integrations
APPROVED

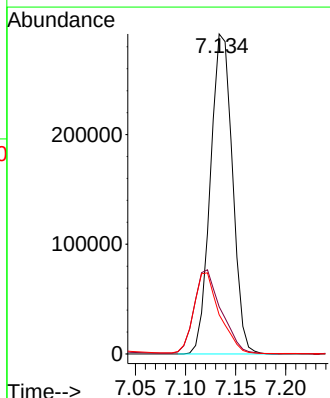
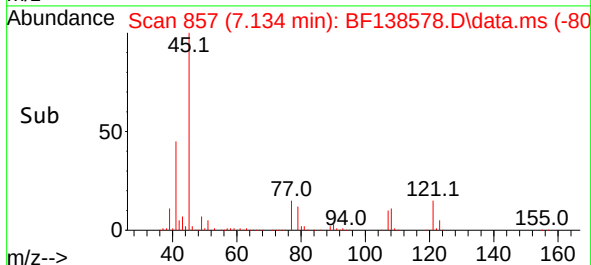
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

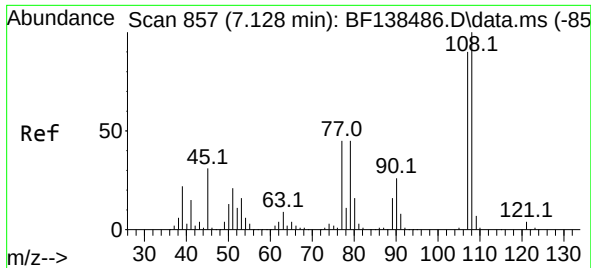


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.765 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion: 45 Resp: 446550
Ion Ratio Lower Upper
45 100
77 14.7 0.0 30.4
79 12.2 0.0 28.1





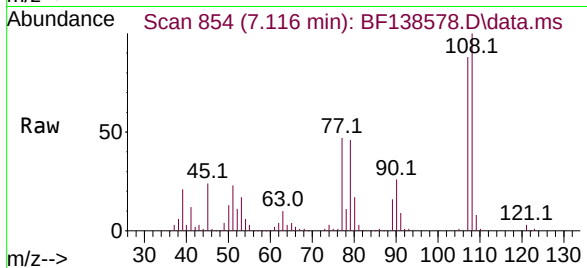
#17
2-Methylphenol
Concen: 41.891 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



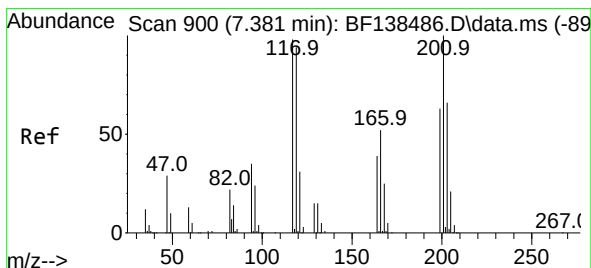
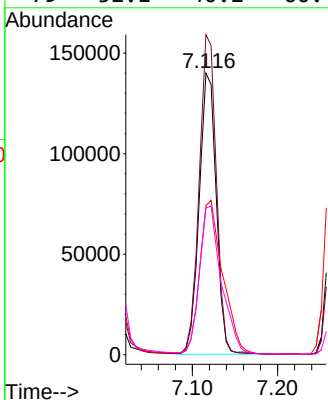
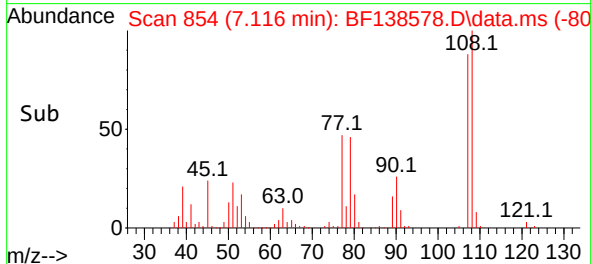
Tgt Ion:107 Resp: 194998
Ion Ratio Lower Upper
107 100
108 113.6 89.0 133.4
77 52.9 40.3 60.5
79 52.1 40.2 60.4

Manual Integrations

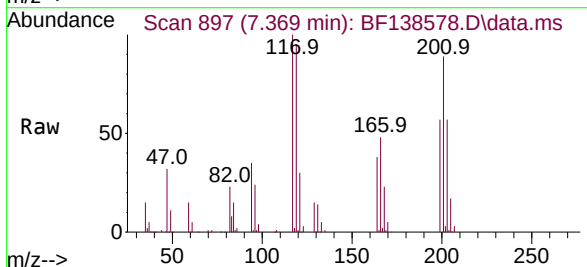
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

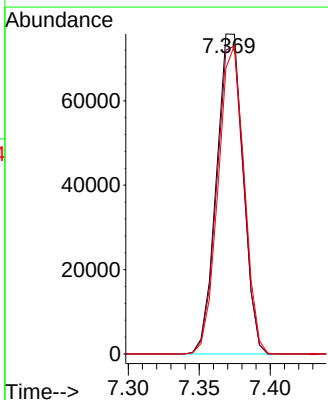
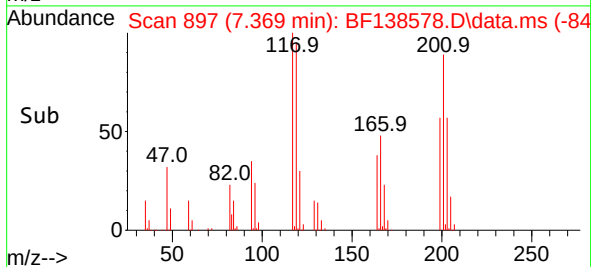
Supervised By :mohammad ahmed 07/22/2024

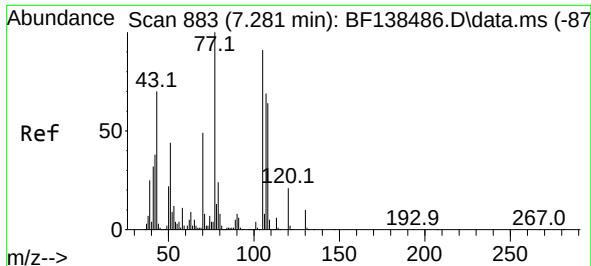


#18
Hexachloroethane
Concen: 41.634 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:117 Resp: 99229
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8
201 89.4 81.4 122.0





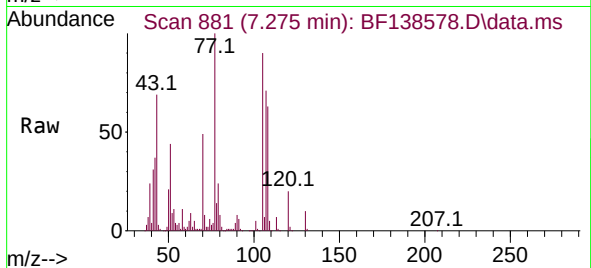
#19
n-Nitroso-di-n-propylamine
Concen: 40.131 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



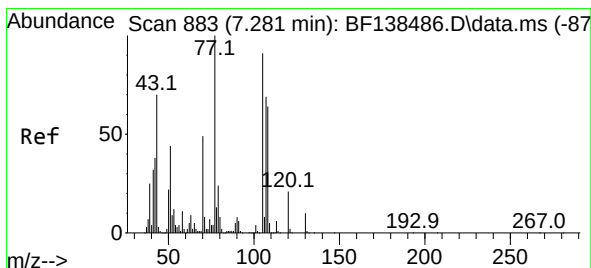
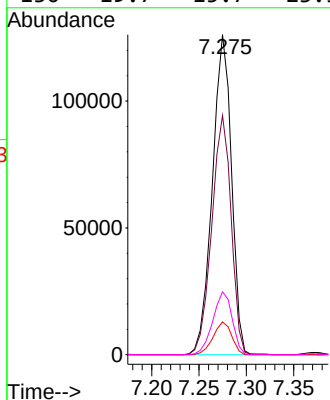
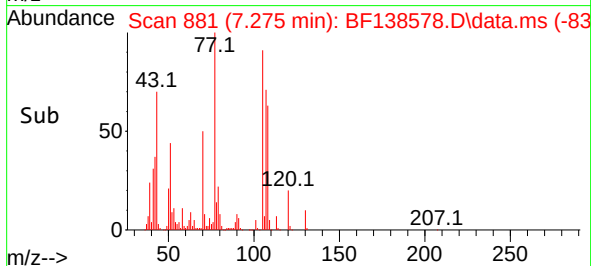
Tgt Ion: 70 Resp: 177190
Ion Ratio Lower Upper
70 100
42 74.7 62.4 93.6
101 10.2 7.2 10.8
130 19.7 15.7 23.5

Manual Integrations

APPROVED

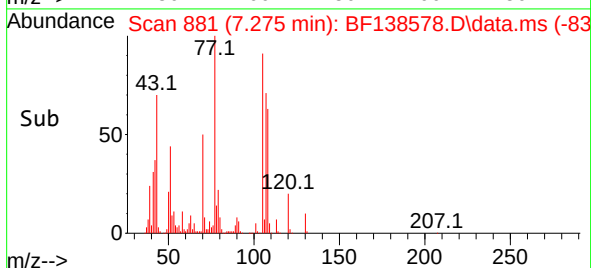
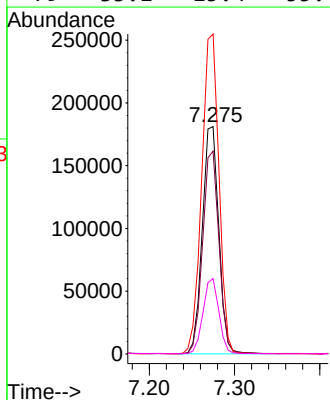
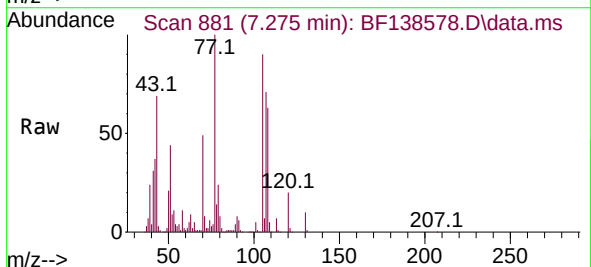
Reviewed By :Yogesh Patel 07/20/2024

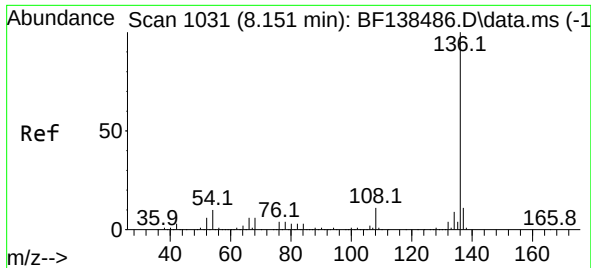
Supervised By :mohammad ahmed 07/22/2024



#20
3+4-Methylphenols
Concen: 41.360 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:107 Resp: 242436
Ion Ratio Lower Upper
107 100
108 89.2 73.7 113.7
77 140.8 126.0 166.0
79 33.1 15.4 55.4





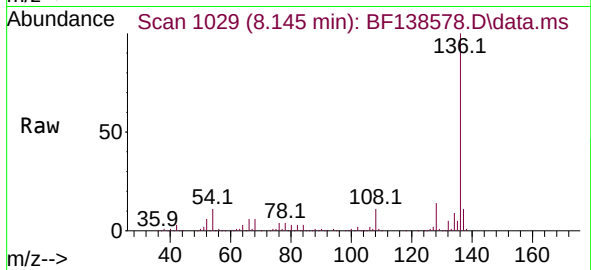
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

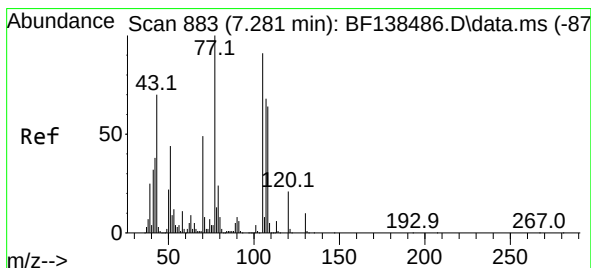
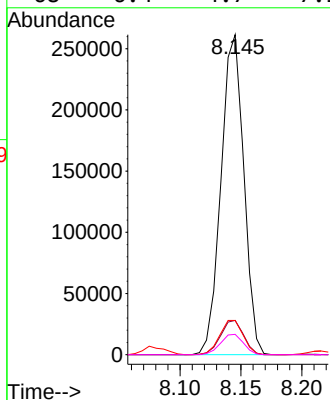
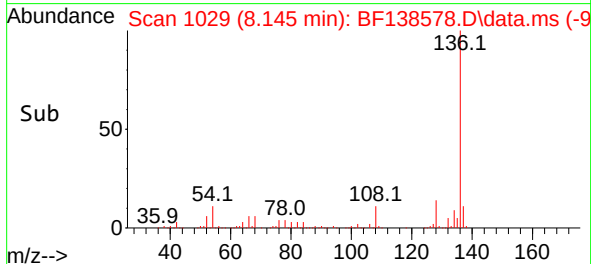


Tgt Ion:136 Resp: 341120
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.7 8.1 12.1
68 6.4 4.7 7.1

Manual Integrations

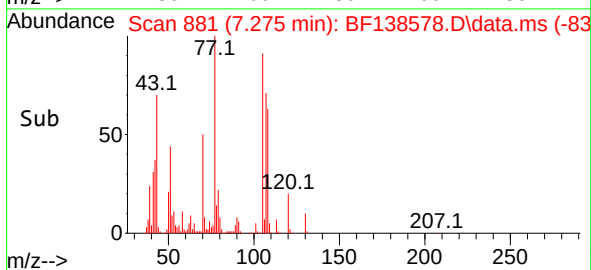
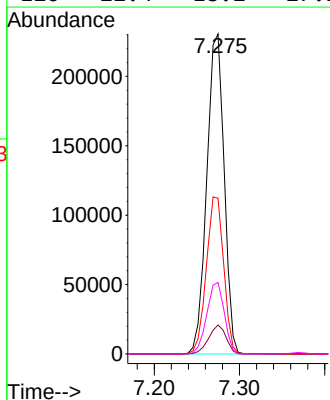
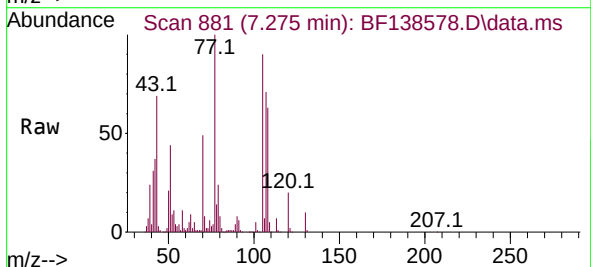
APPROVED

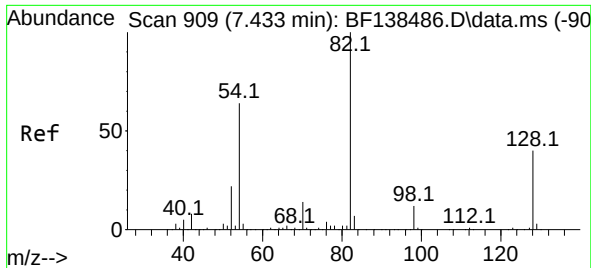
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Acetophenone
Concen: 39.455 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:105 Resp: 326875
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.2
51 48.7 38.7 58.1
120 22.4 18.2 27.2





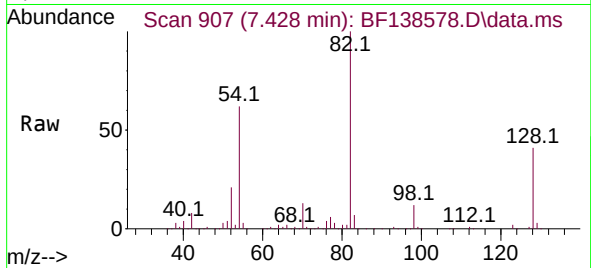
#23
Nitrobenzene-d5
Concen: 81.158 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

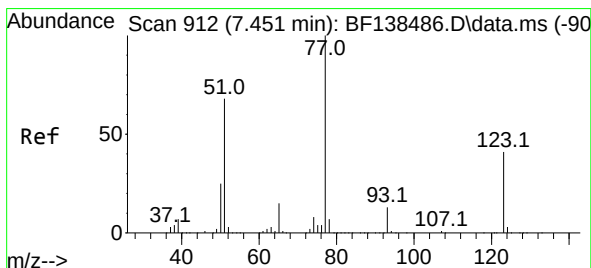
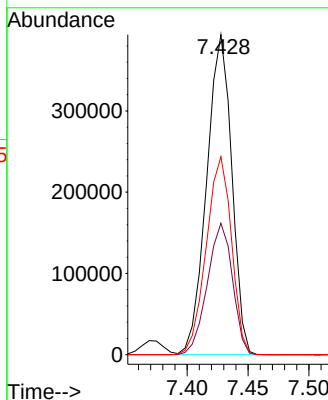
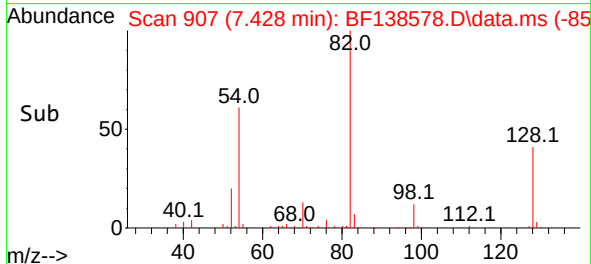


Tgt Ion: 82 Resp: 563860
Ion Ratio Lower Upper
82 100
128 41.1 32.3 48.5
54 61.9 51.4 77.0

Manual Integrations

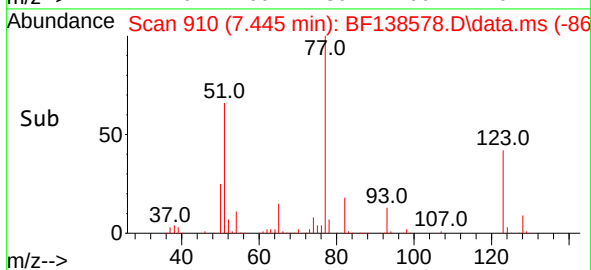
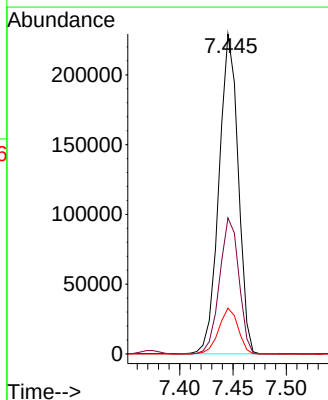
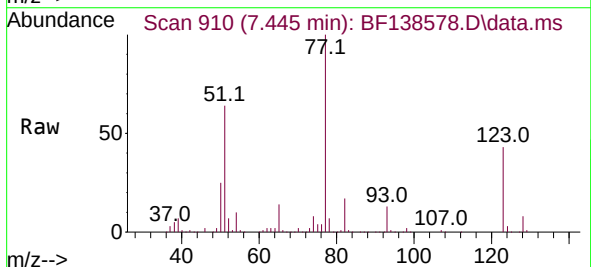
APPROVED

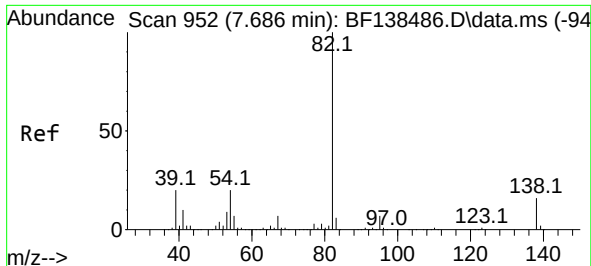
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#24
Nitrobenzene
Concen: 40.667 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion: 77 Resp: 287129
Ion Ratio Lower Upper
77 100
123 42.5 32.4 48.6
65 14.3 11.8 17.8





#25
Isophorone
Concen: 40.421 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

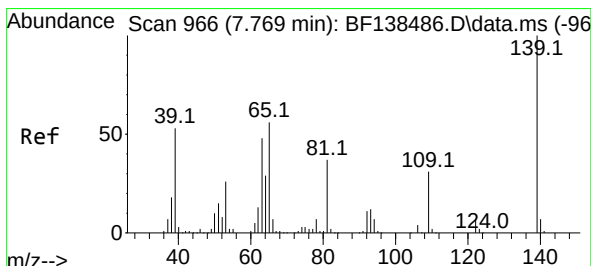
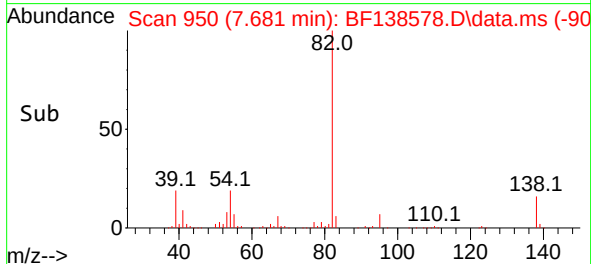
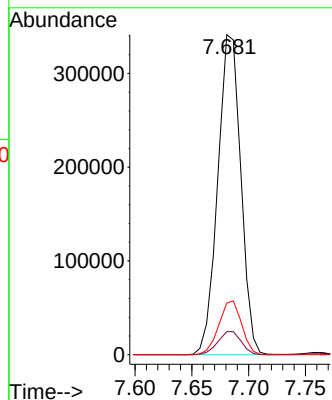
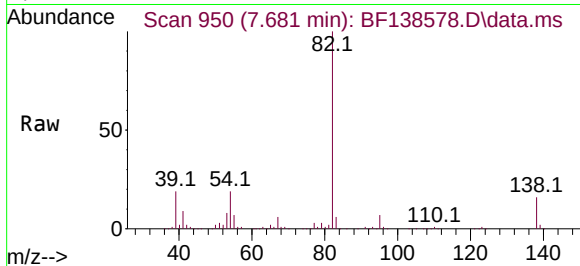
SSTDCCC040

Tgt Ion: 82 Resp: 482285
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.1 12.8 19.2

Manual Integrations

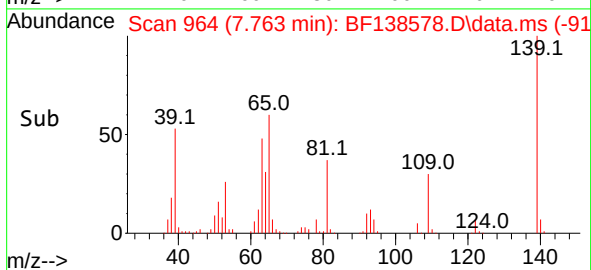
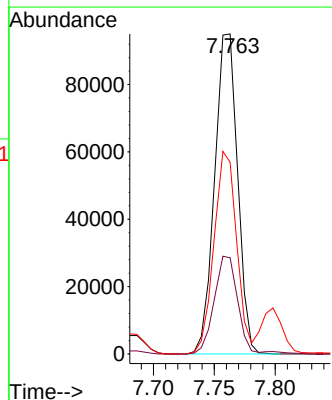
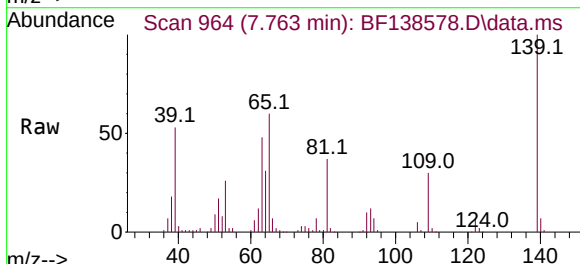
APPROVED

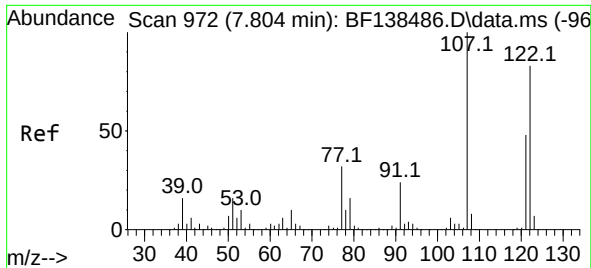
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
2-Nitrophenol
Concen: 41.249 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:139 Resp: 124826
Ion Ratio Lower Upper
139 100
109 30.1 24.8 37.2
65 59.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 40.521 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 150708

Ion Ratio Lower Upper

122 100

107 117.5 96.3 144.5

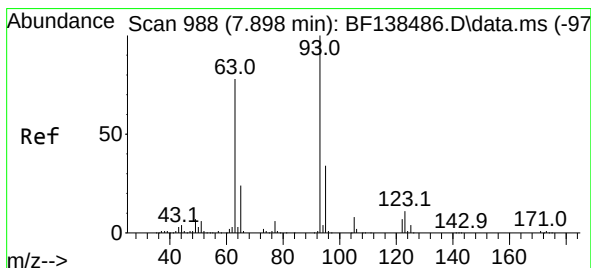
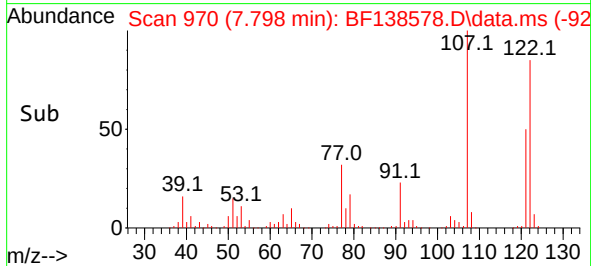
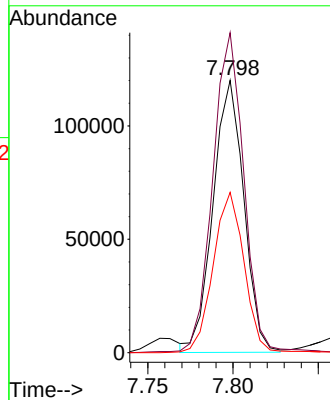
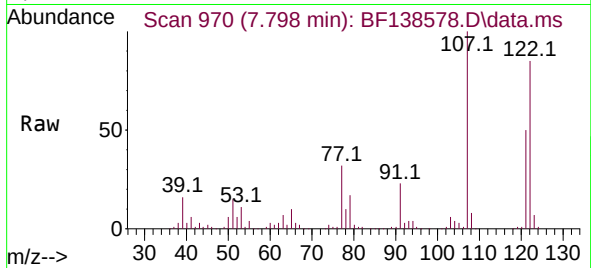
121 58.9 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.628 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

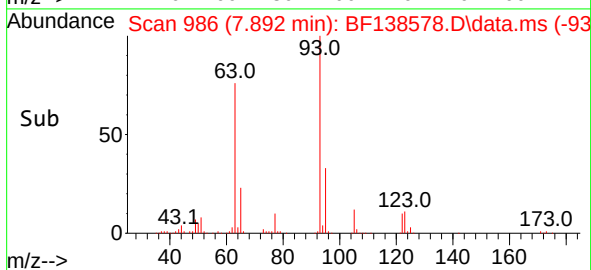
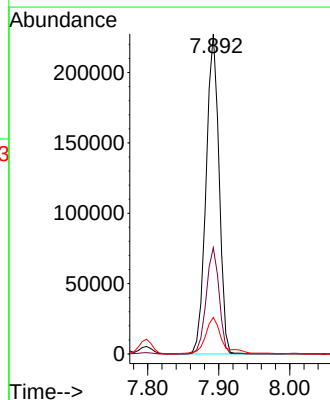
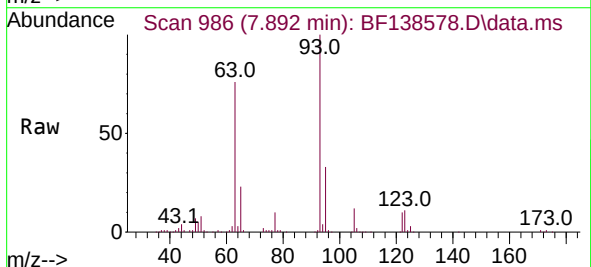
Tgt Ion: 93 Resp: 289709

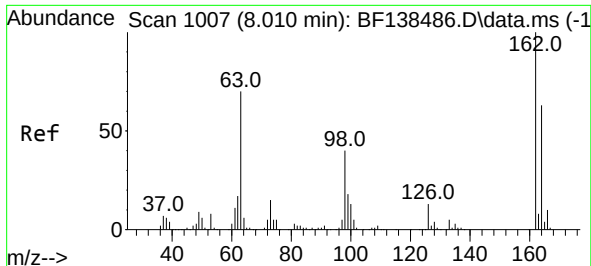
Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.6

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.445 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF138578.D

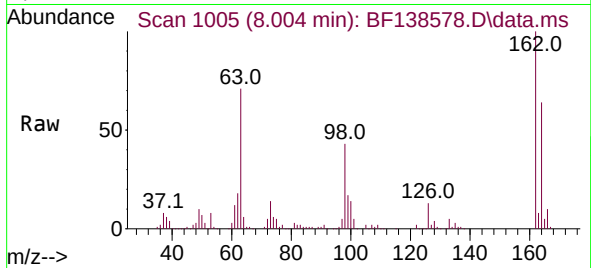
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



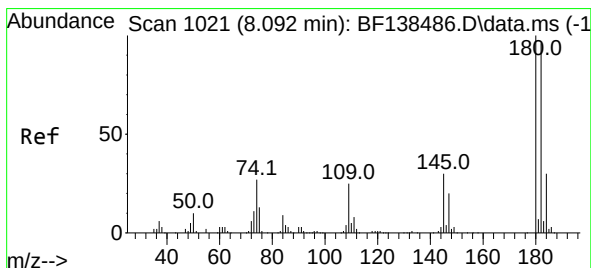
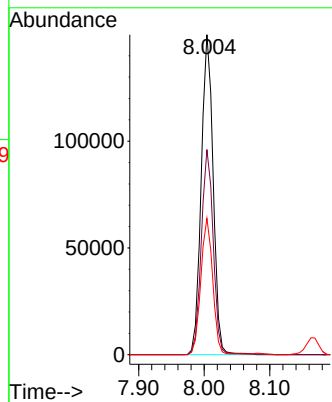
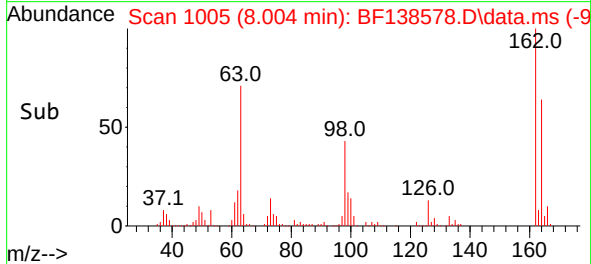
Tgt Ion:	162	Resp:	19051
Ion Ratio	Lower	Upper	
162	100		
164	64.1	42.6	82.6
98	42.6	20.1	60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.911 ng

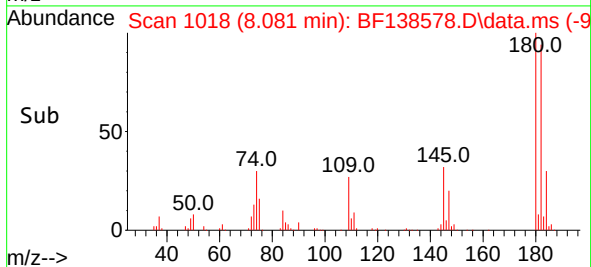
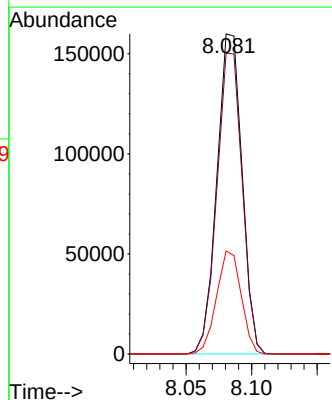
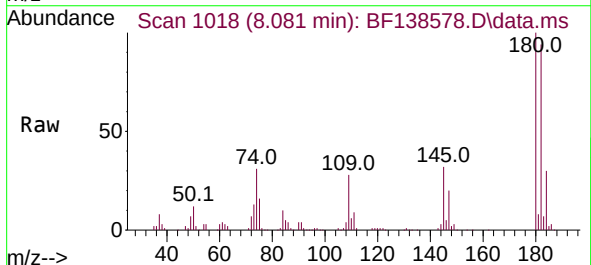
RT: 8.081 min Scan# 1018

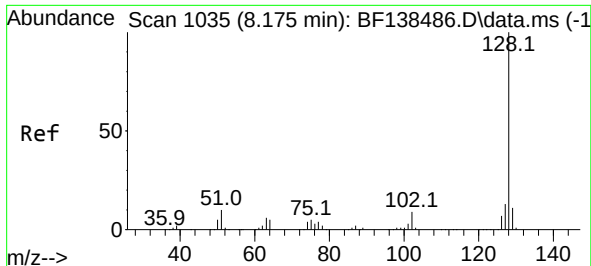
Delta R.T. -0.012 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Tgt Ion:	180	Resp:	213303
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.9	115.3
145	32.2	23.9	35.9





#31
Naphthalene
Concen: 40.270 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

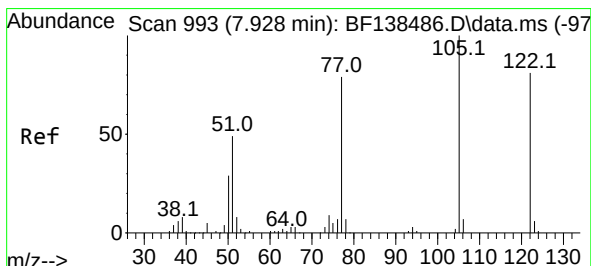
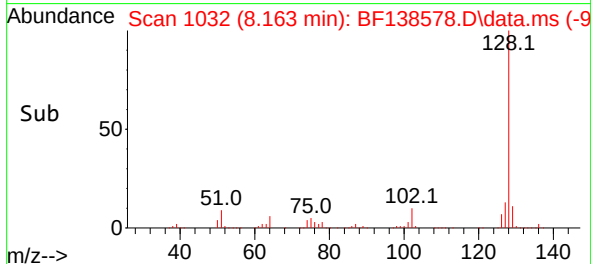
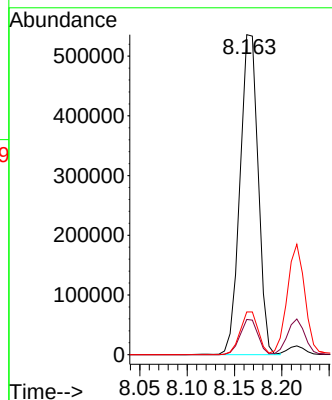
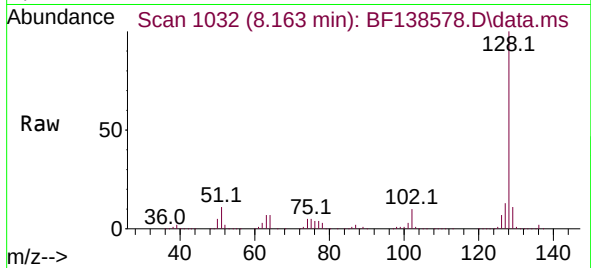
SSTDCCC040

Tgt Ion:128 Resp: 714429
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1

Manual Integrations

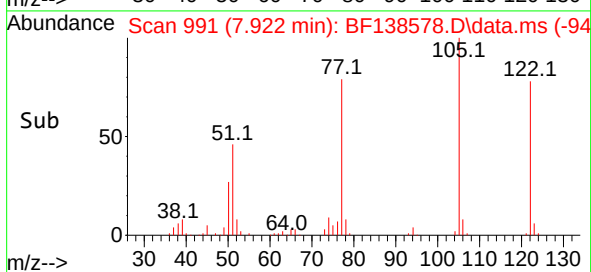
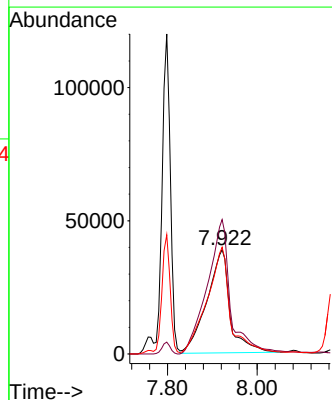
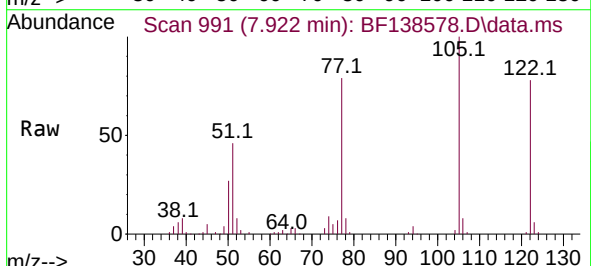
APPROVED

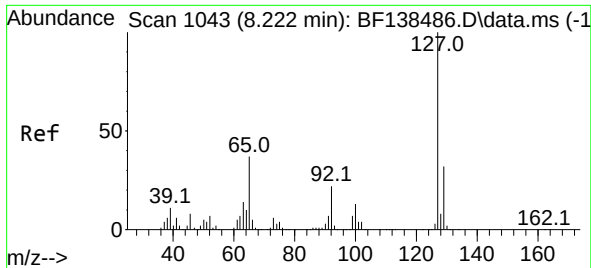
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#32
Benzoic acid
Concen: 39.070 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:122 Resp: 138593
Ion Ratio Lower Upper
122 100
105 129.0 101.5 141.5
77 102.4 77.3 117.3





#33
4-Chloroaniline
Concen: 39.232 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

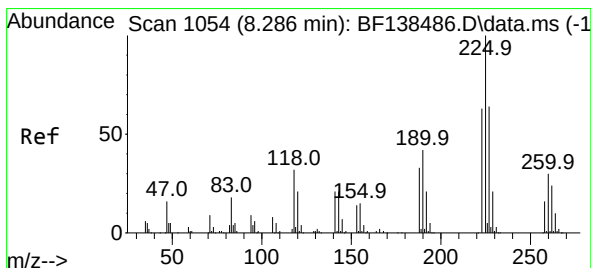
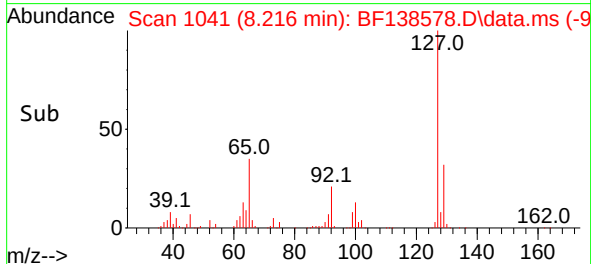
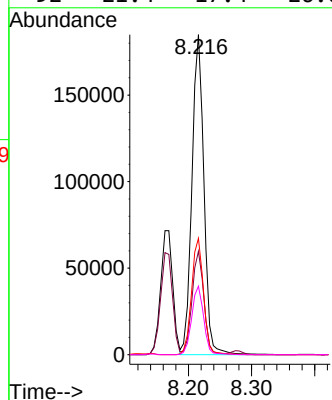
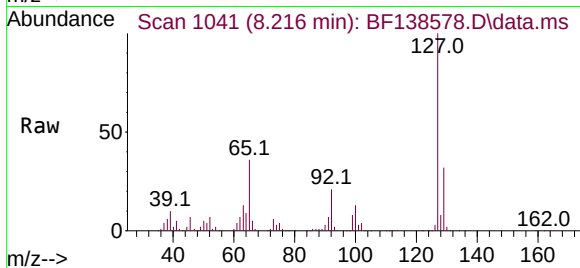
SSTDCCC040

Tgt Ion:127 Resp: 24421
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 36.4 29.6 44.4
92 21.4 17.4 26.0

Manual Integrations

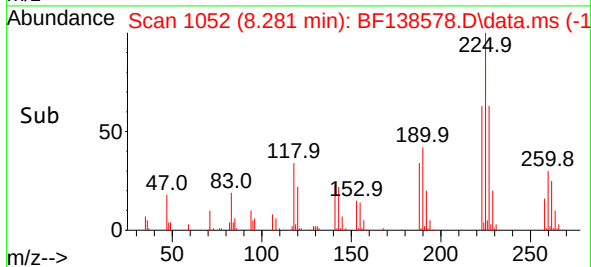
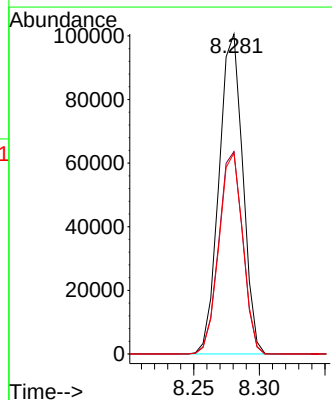
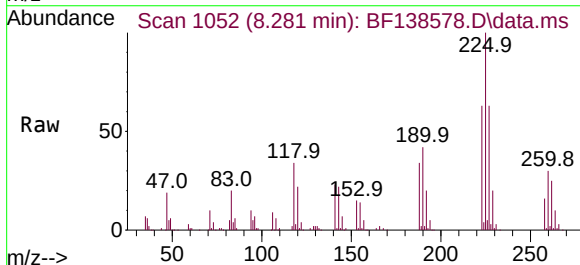
APPROVED

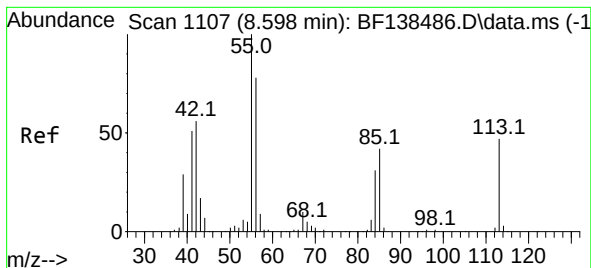
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 36.580 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

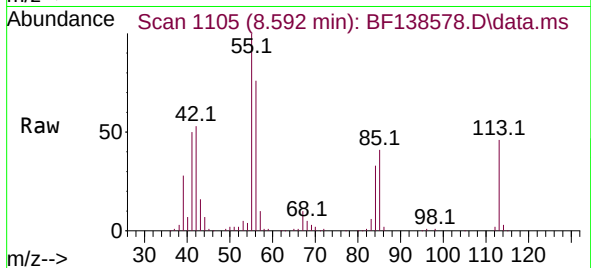
Tgt Ion:225 Resp: 126740
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 62.8 51.0 76.6





#35
Caprolactam
Concen: 42.674 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

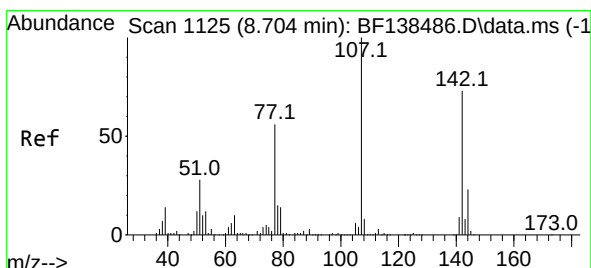
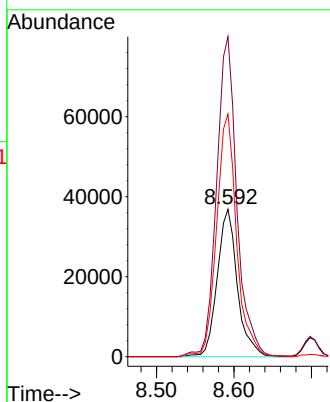
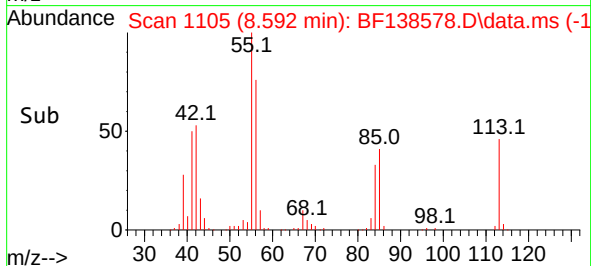
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 66508
Ion Ratio Lower Upper
113 100
55 217.1 192.5 232.5
56 164.6 145.3 185.3

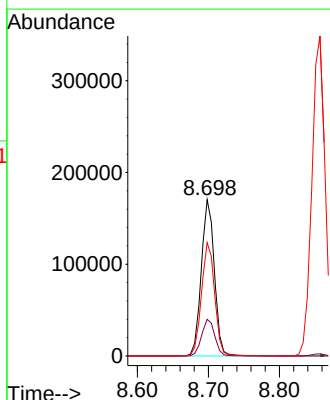
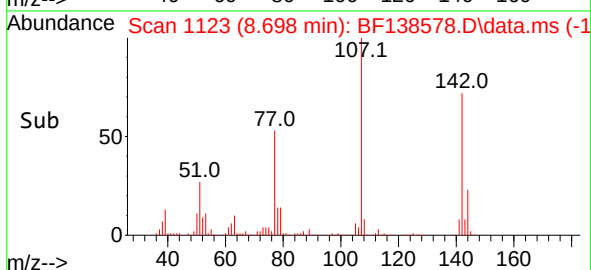
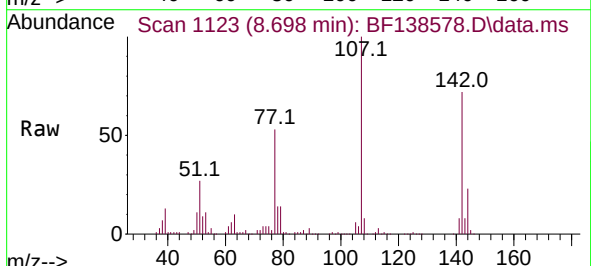
Manual Integrations
APPROVED

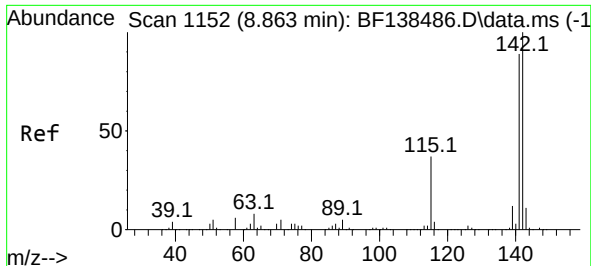
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#36
4-Chloro-3-methylphenol
Concen: 40.371 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:107 Resp: 218290
Ion Ratio Lower Upper
107 100
144 23.5 18.6 27.8
142 72.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.135 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 44680

Ion Ratio Lower Upper

142 100

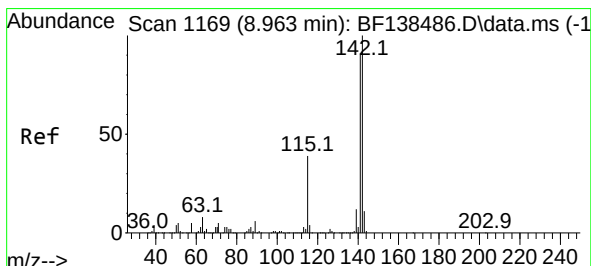
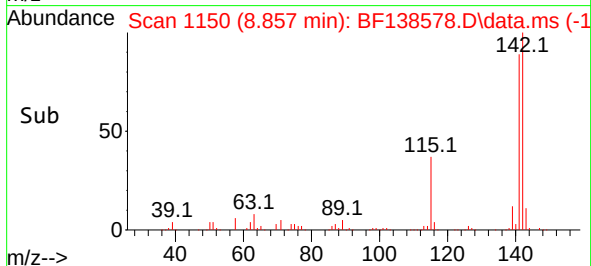
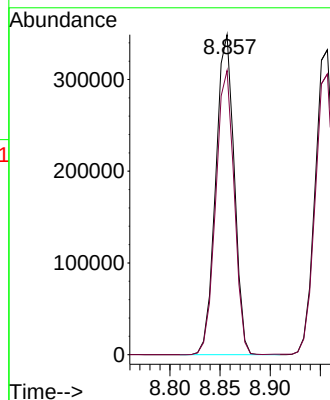
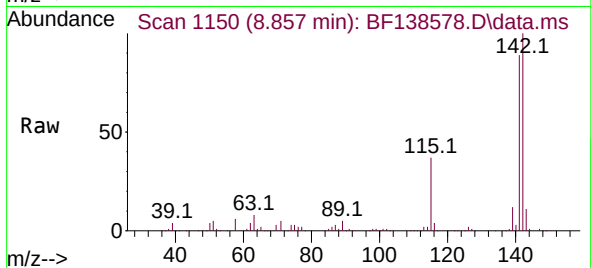
141 88.8 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#38

1-Methylnaphthalene

Concen: 38.982 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF138578.D

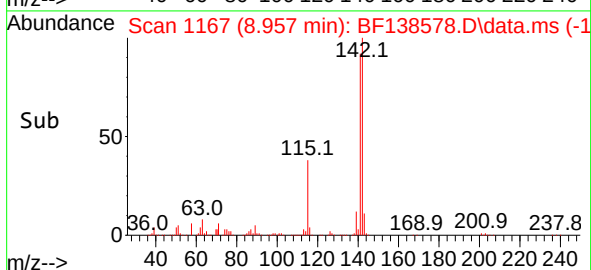
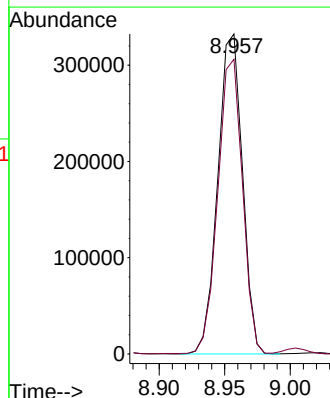
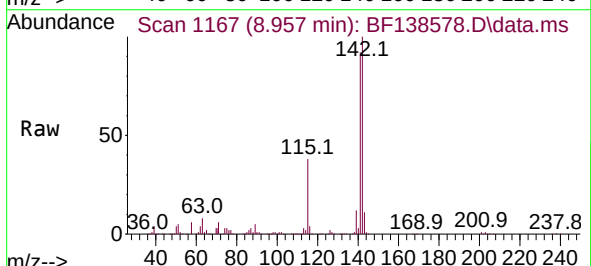
Acq: 19 Jul 2024 09:18

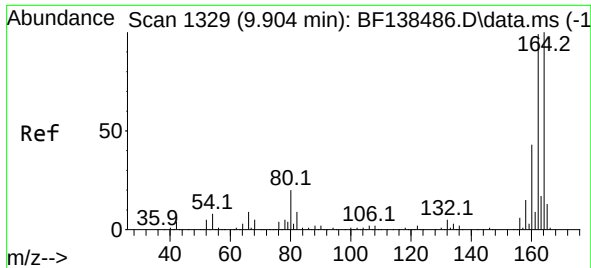
Tgt Ion:142 Resp: 434343

Ion Ratio Lower Upper

142 100

141 92.1 72.6 108.8





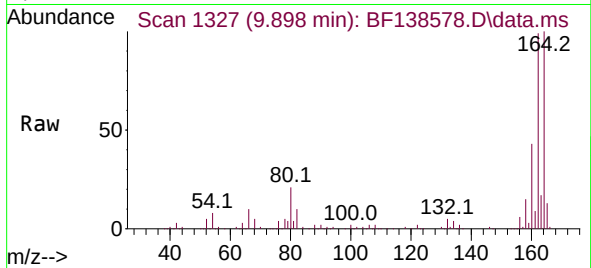
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



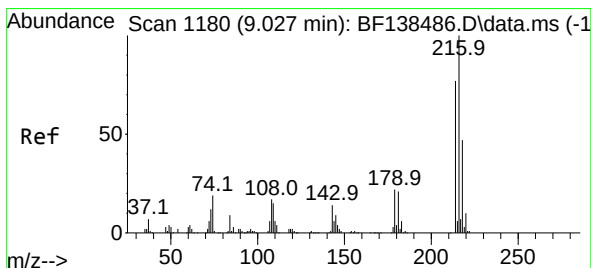
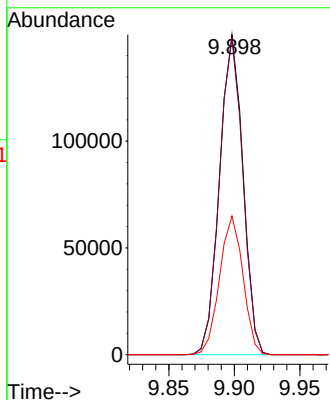
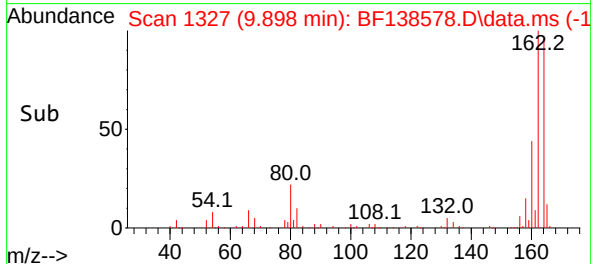
Tgt Ion:164 Resp: 18560
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.3 34.4 51.6

Manual Integrations

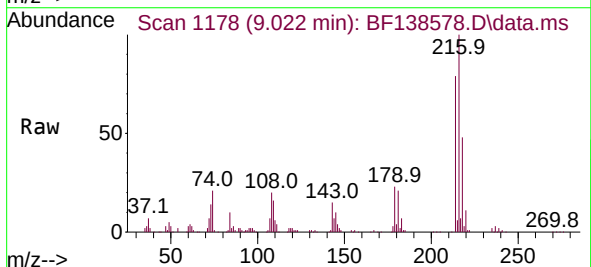
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

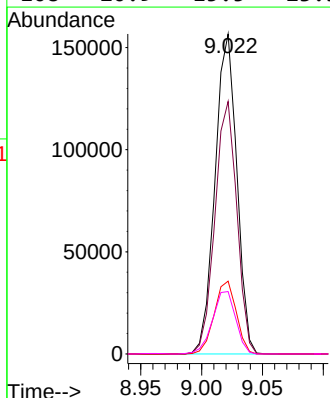
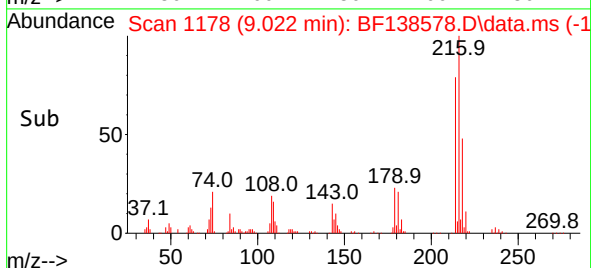
Supervised By :mohammad ahmed 07/22/2024

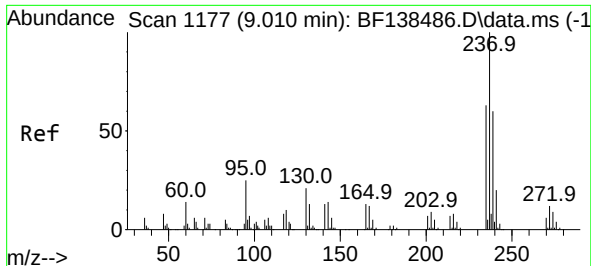


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.742 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:216 Resp: 195236
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 23.0 17.7 26.5
108 20.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 31.646 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

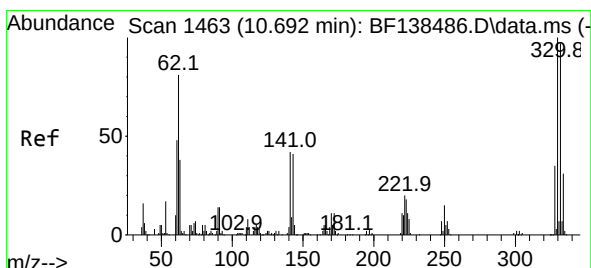
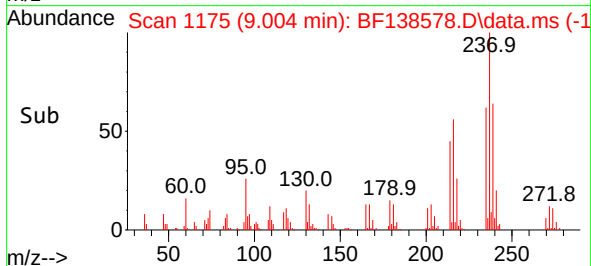
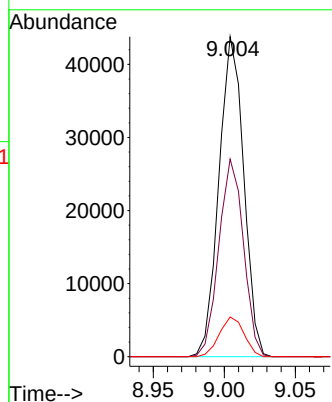
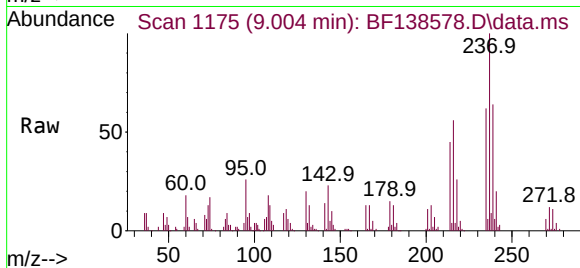
SSTDCCC040

Tgt Ion:237 Resp: 5313
Ion Ratio Lower Upper
237 100
235 61.8 43.3 83.3
272 12.4 0.0 32.3

Manual Integrations

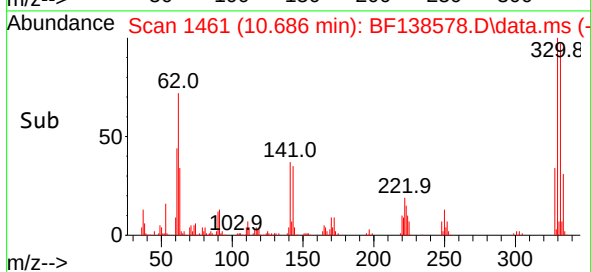
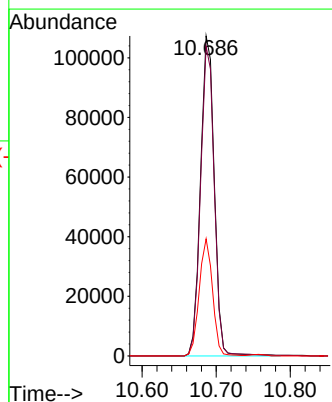
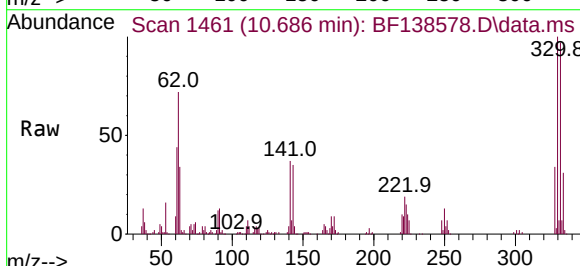
APPROVED

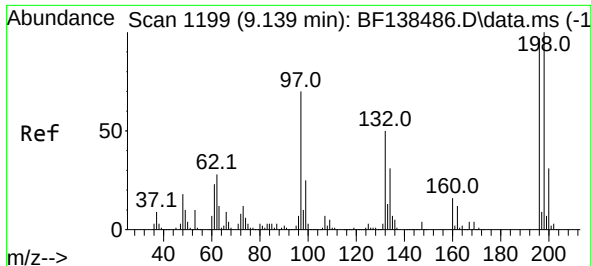
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#42
2,4,6-Tribromophenol
Concen: 79.896 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

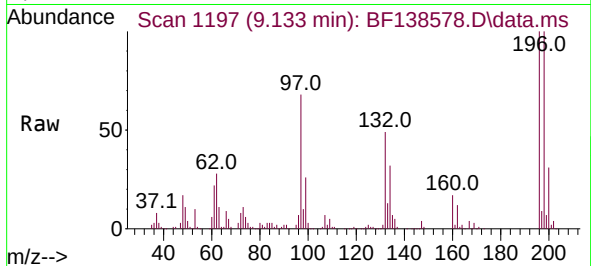
Tgt Ion:330 Resp: 138595
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 35.5 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 39.252 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

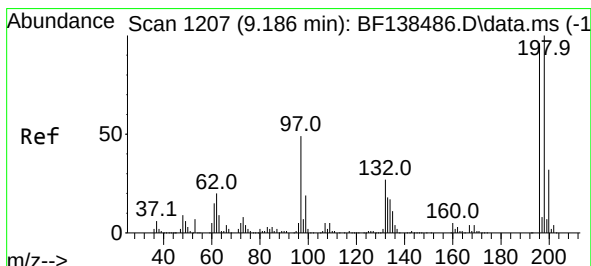
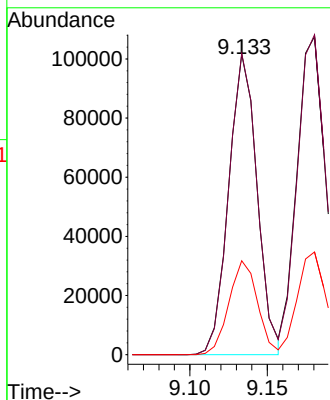
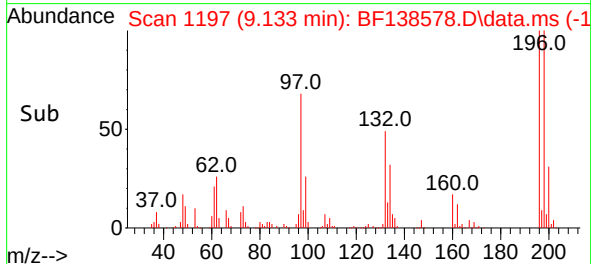
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 12952
Ion Ratio Lower Upper
196 100
198 100.3 82.3 123.5
200 31.3 25.8 38.6

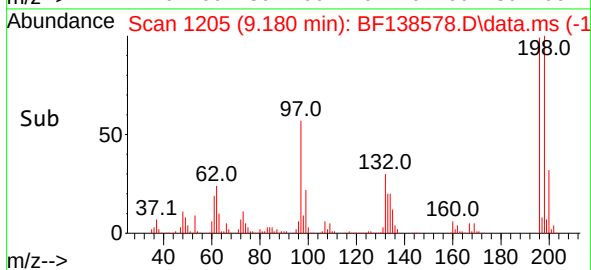
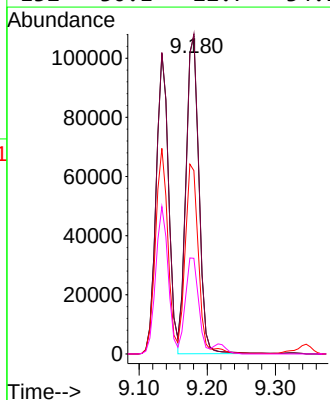
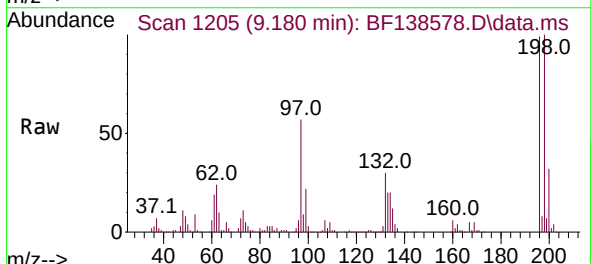
Manual Integrations
APPROVED

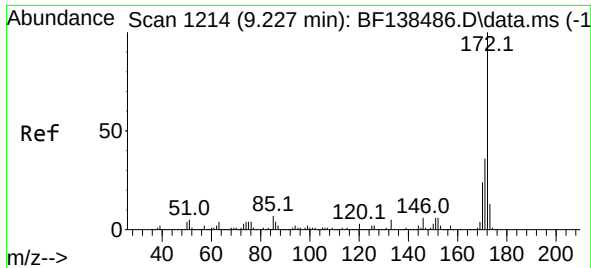
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#44
2,4,5-Trichlorophenol
Concen: 38.652 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:196 Resp: 140281
Ion Ratio Lower Upper
196 100
198 100.6 82.8 124.2
97 57.7 41.0 61.4
132 30.1 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 77.394 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

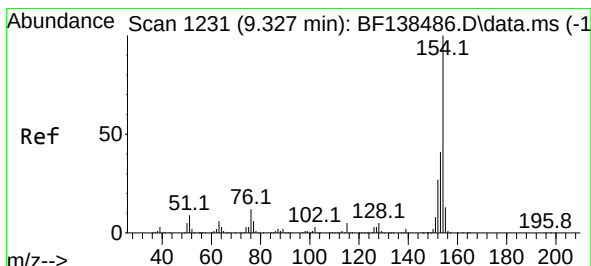
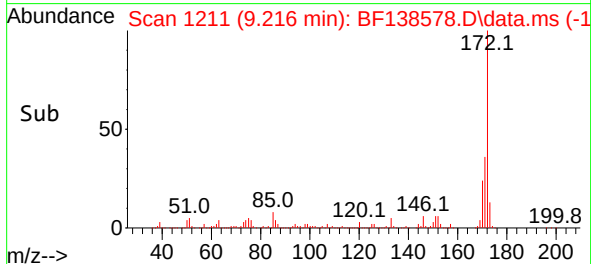
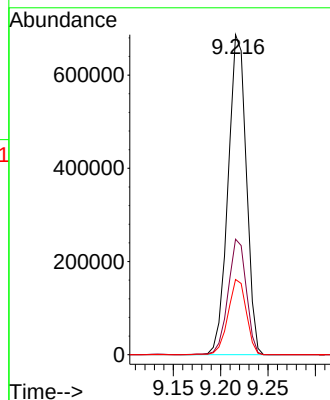
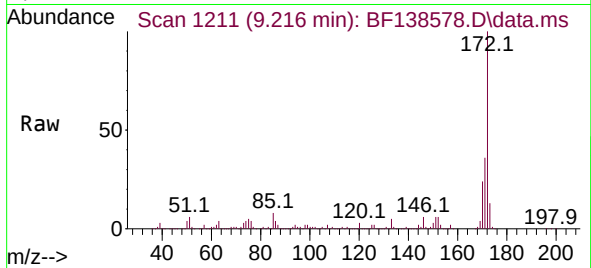
Tgt Ion:172 Resp: 919118
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations

APPROVED

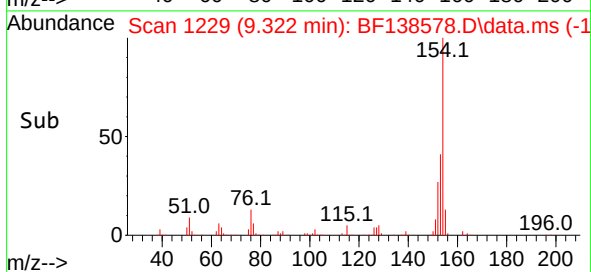
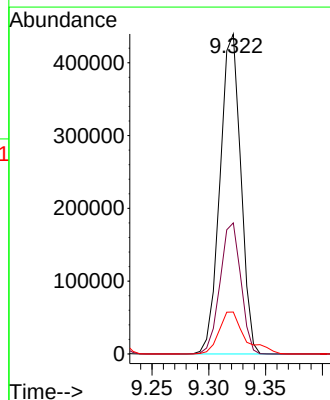
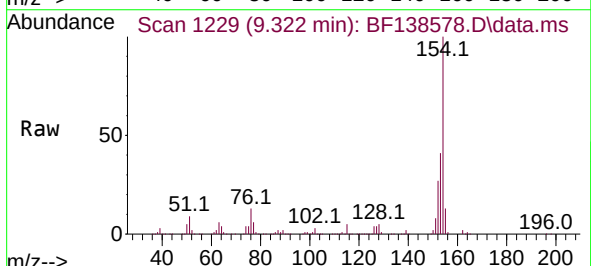
Reviewed By :Yogesh Patel 07/20/2024

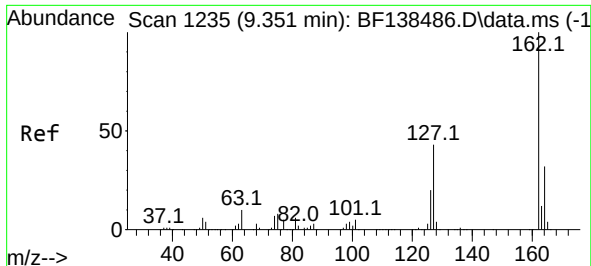
Supervised By :mohammad ahmed 07/22/2024



#46
1,1'-Biphenyl
Concen: 39.872 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:154 Resp: 560850
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.1 0.0 32.2





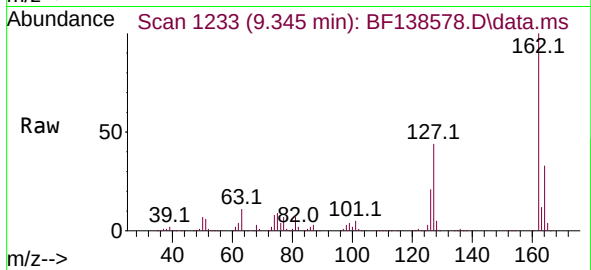
#47
2-Chloronaphthalene
Concen: 39.515 ng
RT: 9.345 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



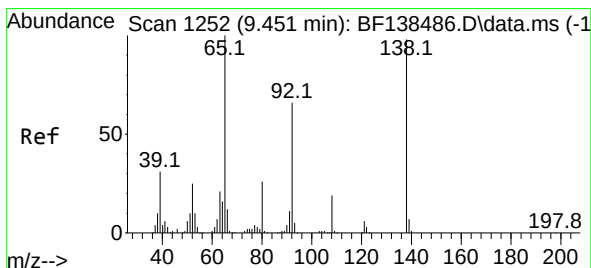
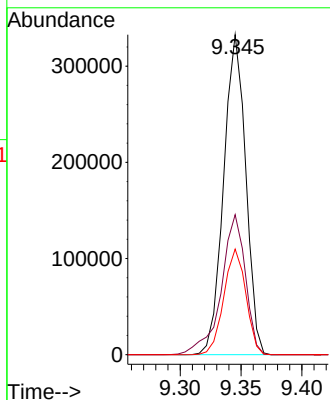
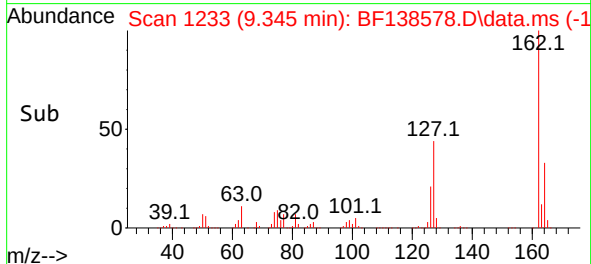
Tgt Ion:162 Resp: 419902
Ion Ratio Lower Upper
162 100
127 43.8 34.8 52.2
164 33.0 25.6 38.4

Manual Integrations

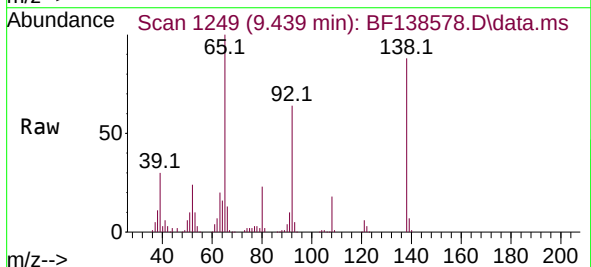
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

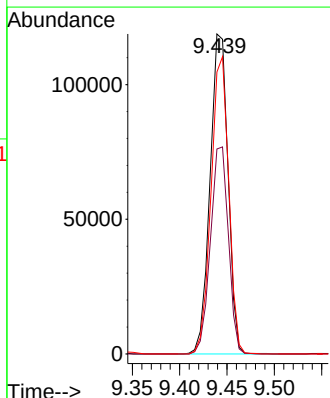
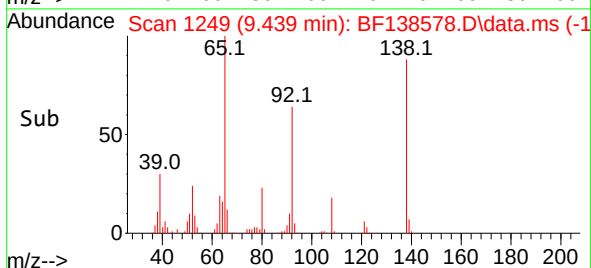
Supervised By :mohammad ahmed 07/22/2024

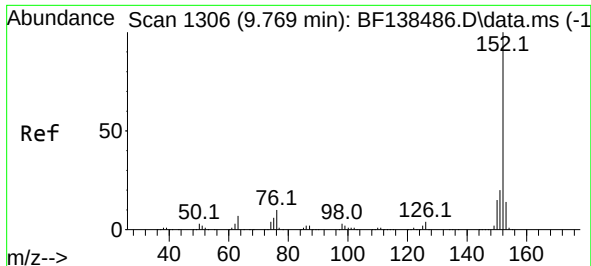


#48
2-Nitroaniline
Concen: 42.487 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion: 65 Resp: 156451
Ion Ratio Lower Upper
65 100
92 64.1 52.6 78.8
138 88.1 78.6 118.0





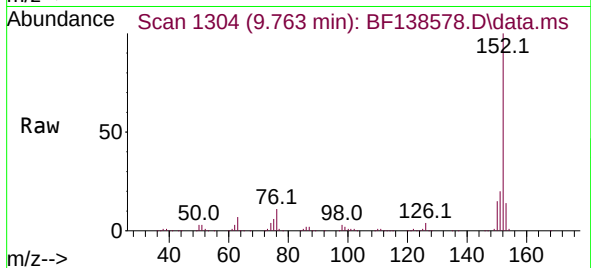
#49
Acenaphthylene
Concen: 40.338 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



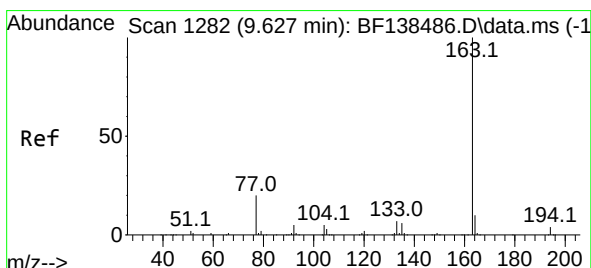
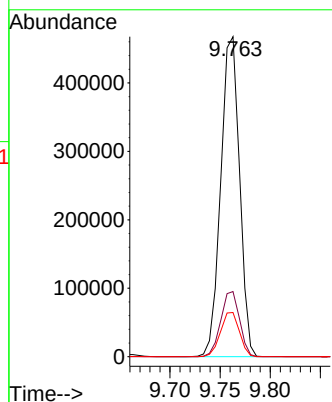
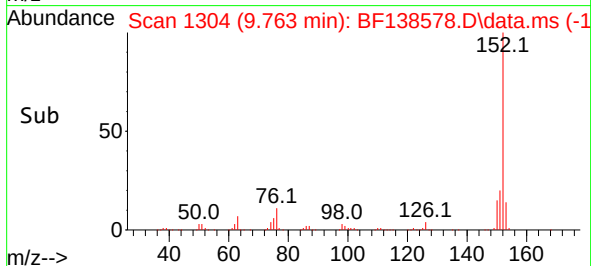
Tgt Ion:152 Resp: 608569
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.3 16.9

Manual Integrations

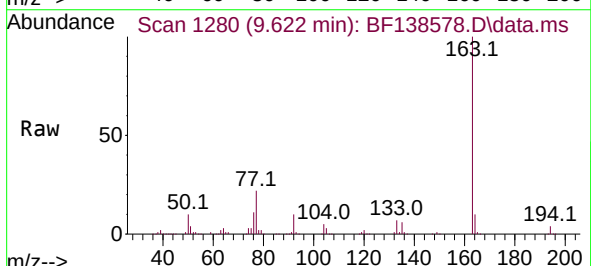
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

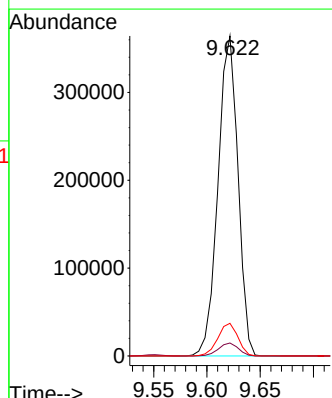
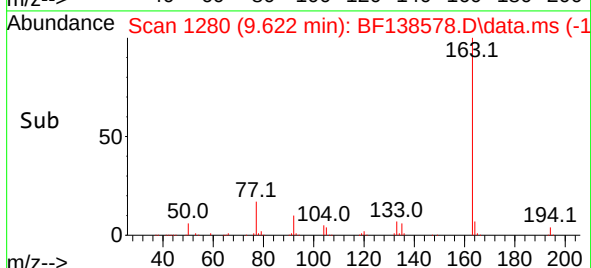
Supervised By :mohammad ahmed 07/22/2024

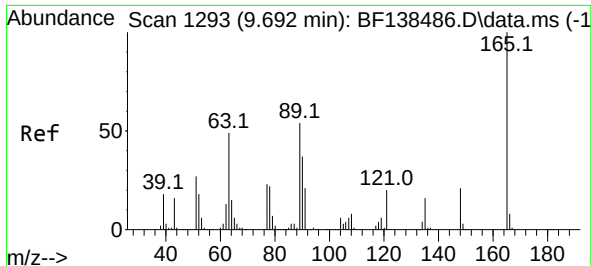


#50
Dimethylphthalate
Concen: 39.551 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:163 Resp: 474684
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.2 8.1 12.1





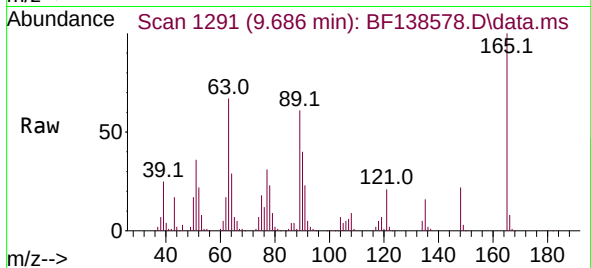
#51
2,6-Dinitrotoluene
Concen: 40.458 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

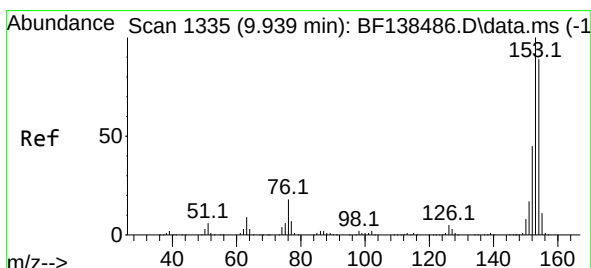
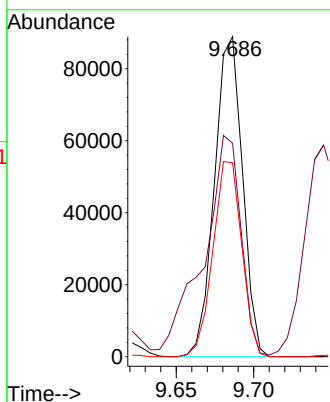
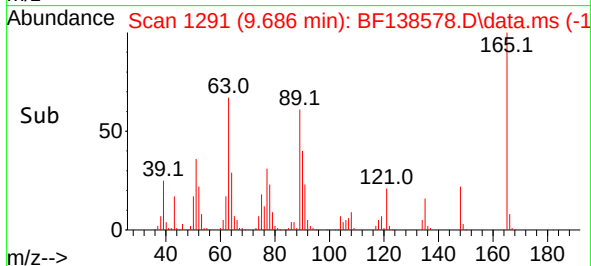


Tgt Ion:165 Resp: 111799
Ion Ratio Lower Upper
165 100
63 66.7 48.1 72.1
89 60.6 43.0 64.6

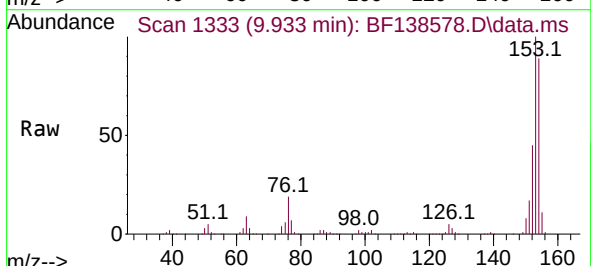
Manual Integrations

APPROVED

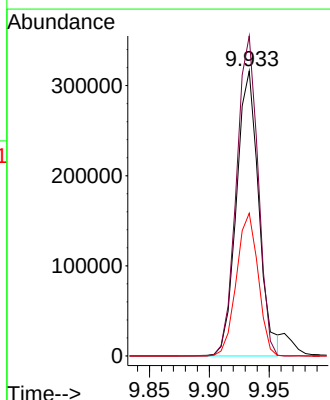
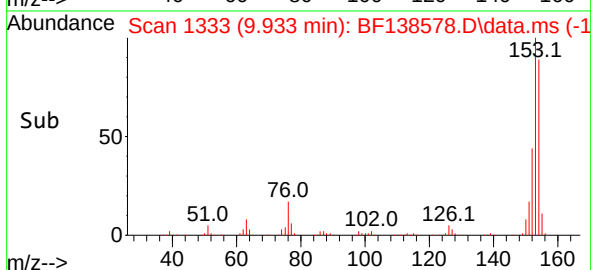
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

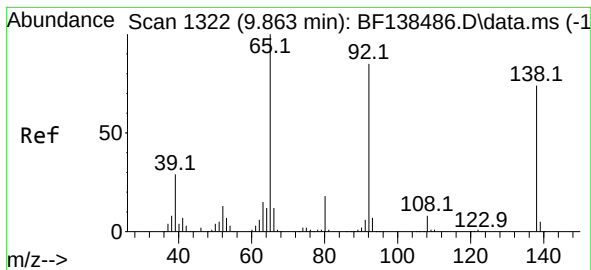


#52
Acenaphthene
Concen: 40.915 ng m
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:154 Resp: 410322
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 50.1 41.1 61.7





#53

3-Nitroaniline

Concen: 42.054 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

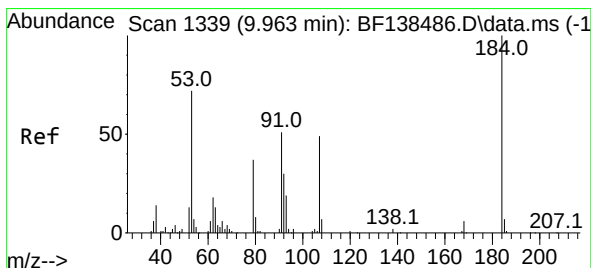
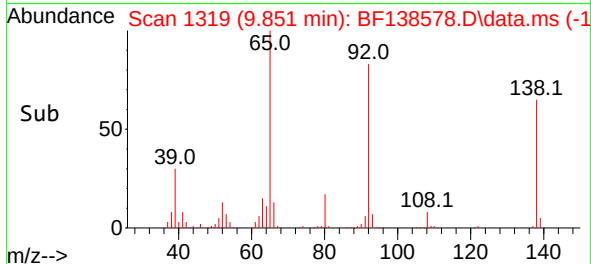
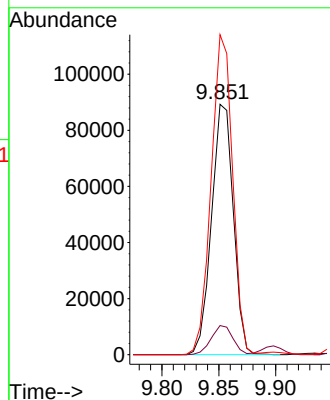
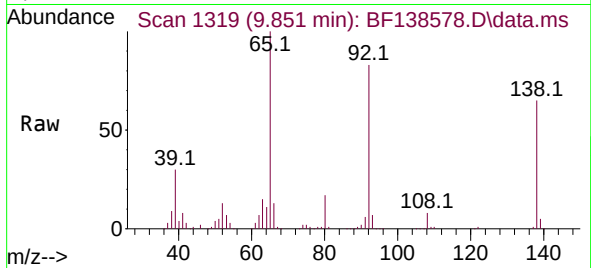
Tgt Ion:138 Resp: 119108
 Ion Ratio Lower Upper
 138 100
 108 11.6 8.3 12.5
 92 127.8 92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#54

2,4-Dinitrophenol

Concen: 37.165 ng

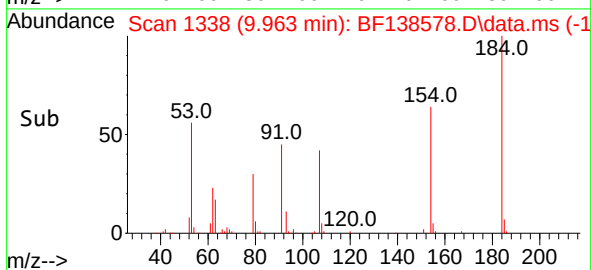
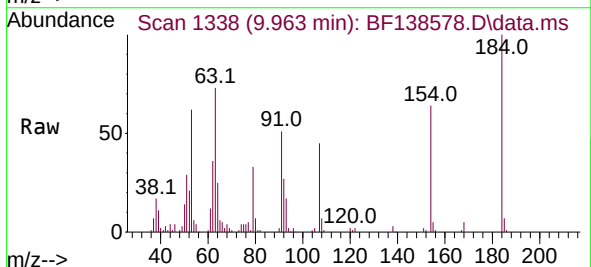
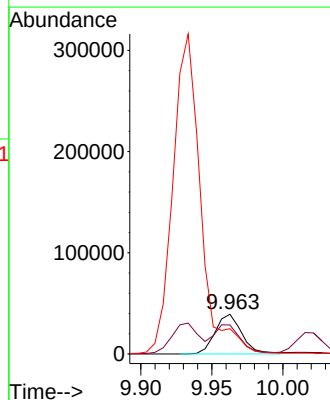
RT: 9.963 min Scan# 1338

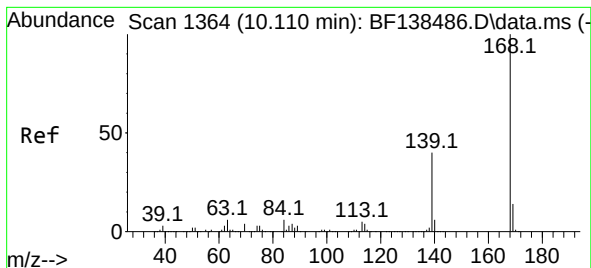
Delta R.T. -0.000 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Tgt Ion:184 Resp: 51181
 Ion Ratio Lower Upper
 184 100
 63 73.1 70.6 106.0
 154 63.6 53.8 80.6





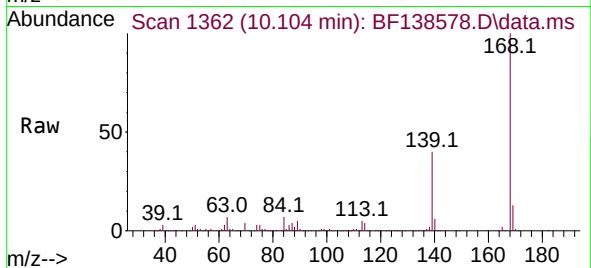
#55
Dibenzenofuran
Concen: 39.636 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



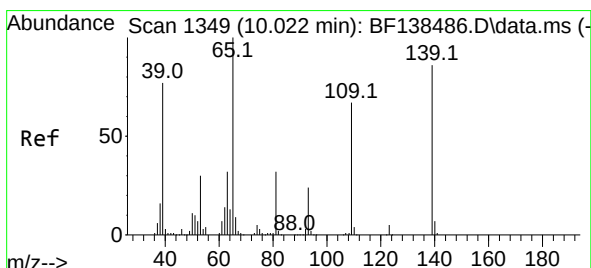
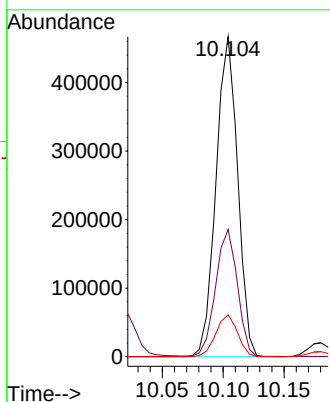
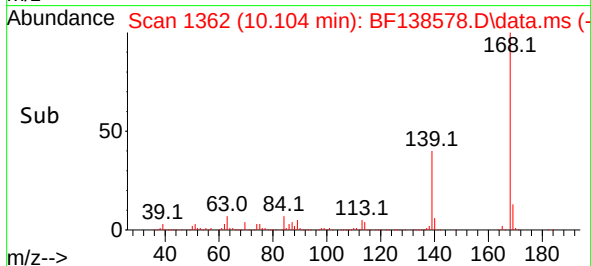
Tgt Ion:168 Resp: 57655
Ion Ratio Lower Upper
168 100
139 39.7 32.4 48.6
169 13.1 10.9 16.3

Manual Integrations

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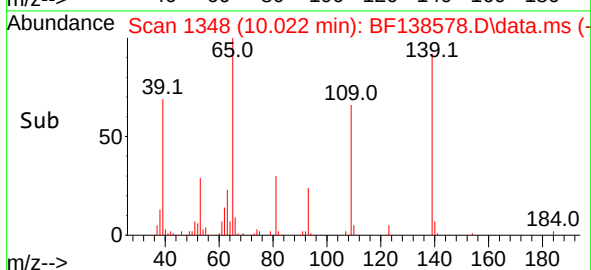
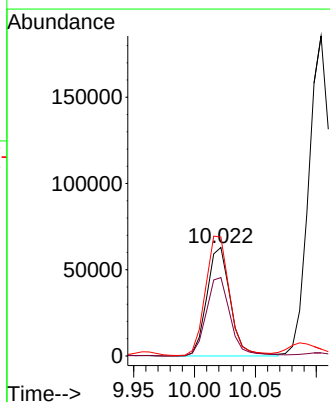
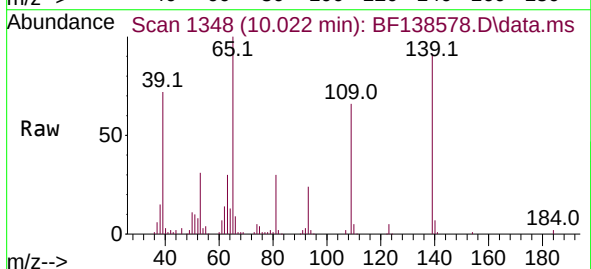
Reviewed By :Yogesh Patel 07/20/2024

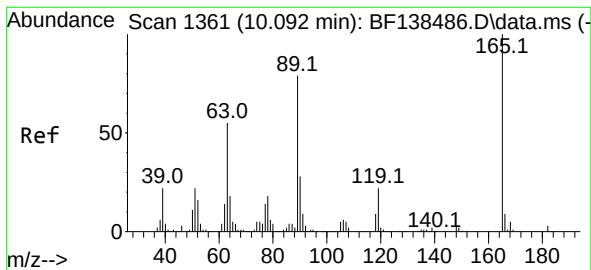
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 40.350 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:139 Resp: 84324
Ion Ratio Lower Upper
139 100
109 72.3 58.1 98.1
65 109.7 96.9 136.9





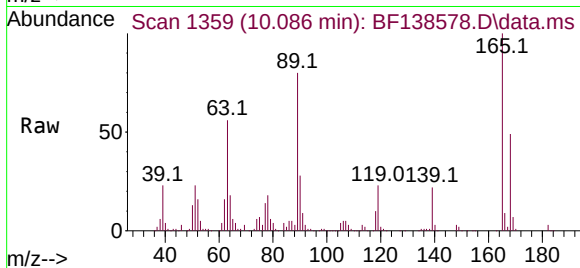
#57
2,4-Dinitrotoluene
Concen: 41.805 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



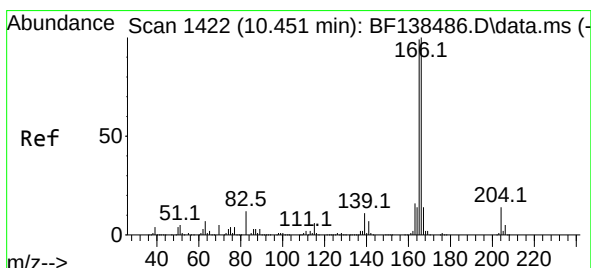
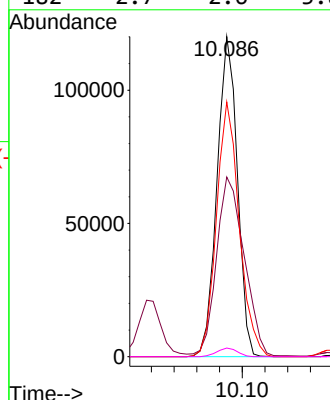
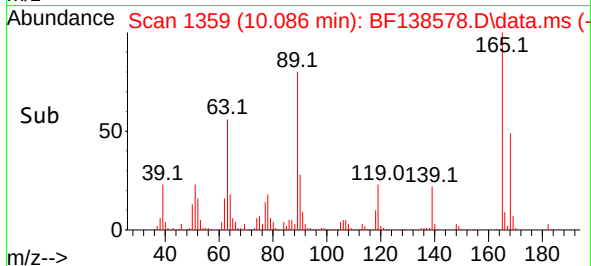
Tgt Ion:165 Resp: 149470
Ion Ratio Lower Upper
165 100
63 56.2 44.6 66.8
89 79.6 63.4 95.2
182 2.7 2.6 3.8

Manual Integrations

APPROVED

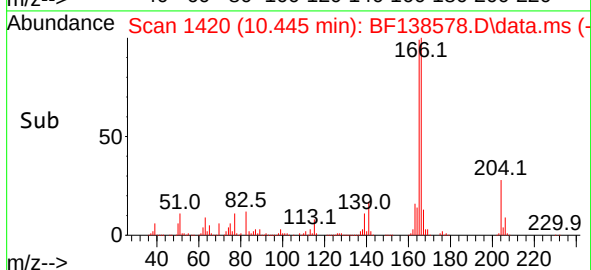
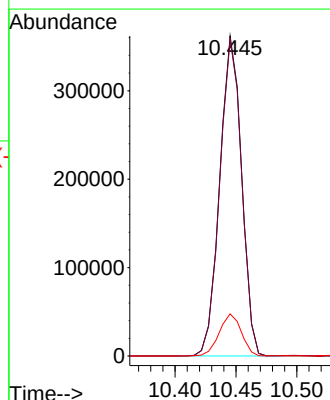
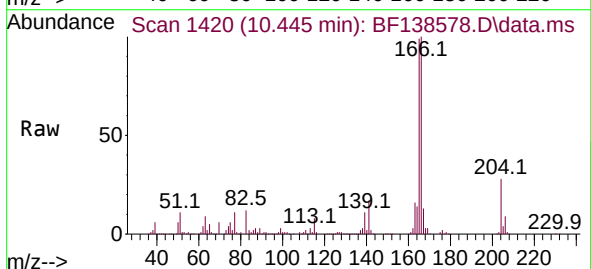
Reviewed By :Yogesh Patel 07/20/2024

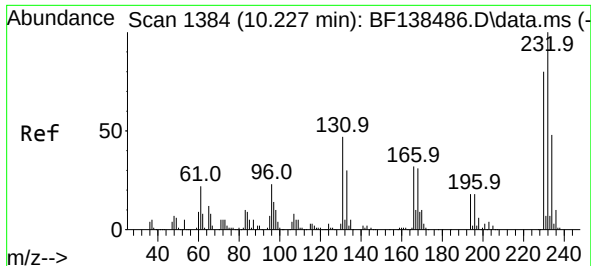
Supervised By :mohammad ahmed 07/22/2024



#58
Fluorene
Concen: 39.305 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

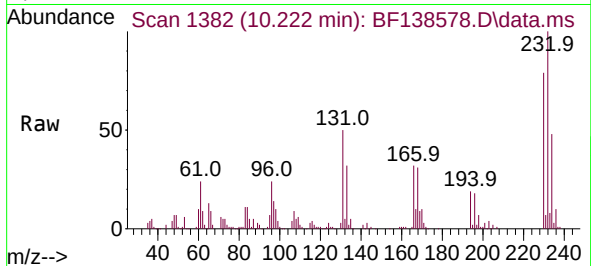
Tgt Ion:166 Resp: 452389
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.172 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

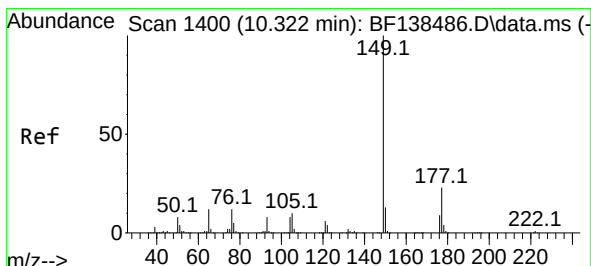
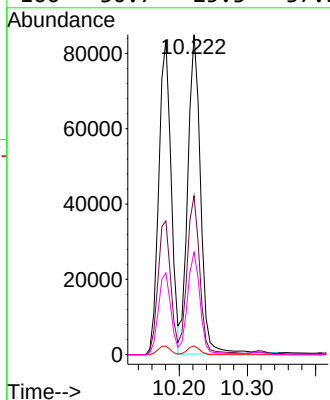
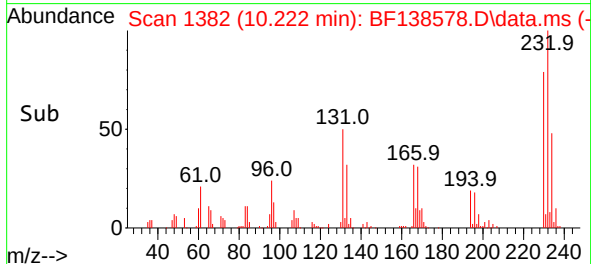
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



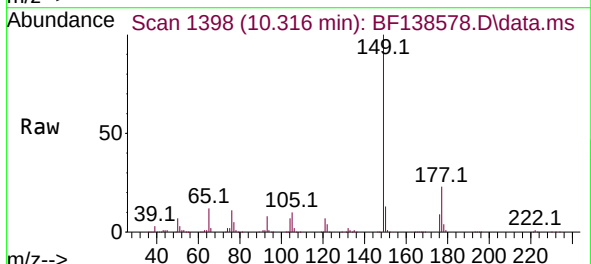
Tgt Ion:232 Resp: 109330
Ion Ratio Lower Upper
232 100
131 49.7 37.5 56.3
130 2.6 2.0 3.0
166 30.7 25.3 37.9

Manual Integrations
APPROVED

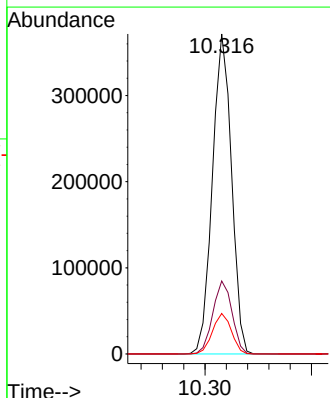
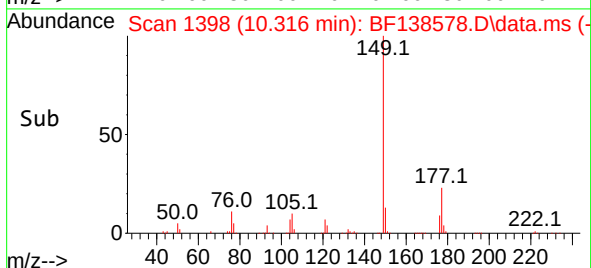
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

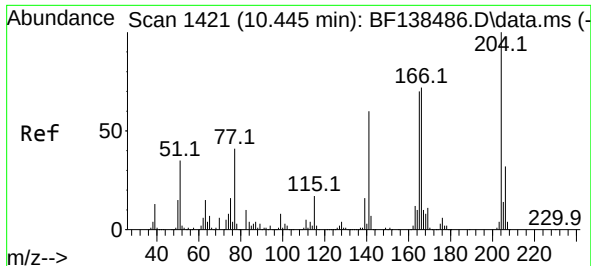


#60
Diethylphthalate
Concen: 39.936 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



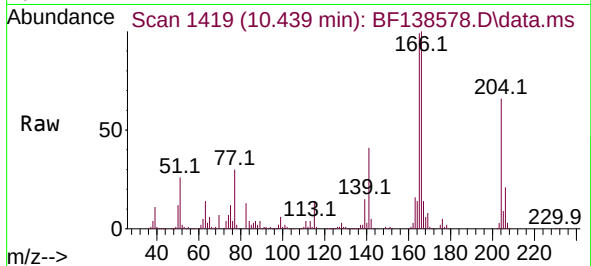
Tgt Ion:149 Resp: 462059
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.226 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

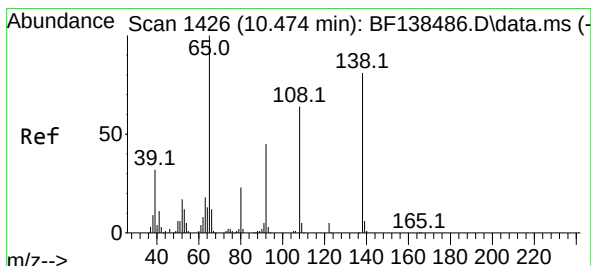
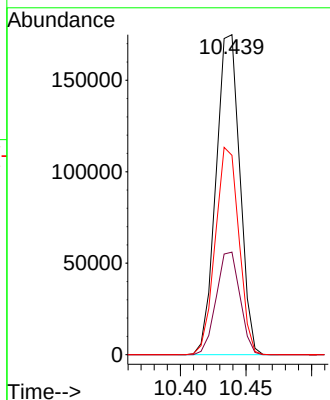
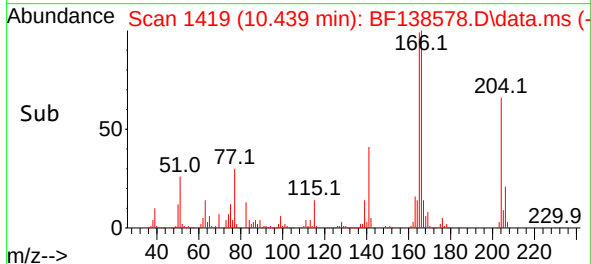
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



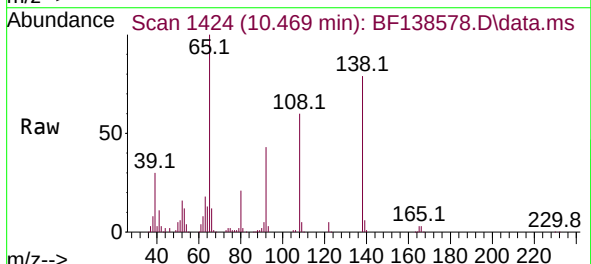
Tgt Ion:204 Resp: 220930
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 62.3 47.7 71.5

Manual Integrations
APPROVED

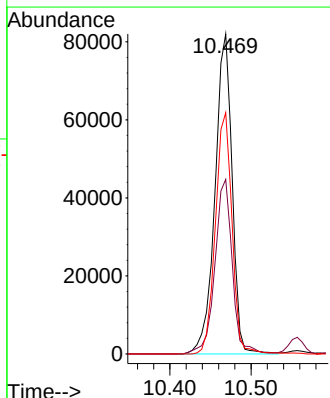
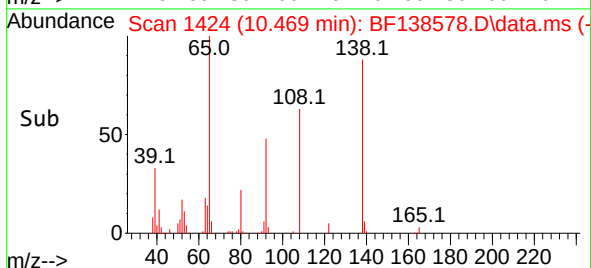
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

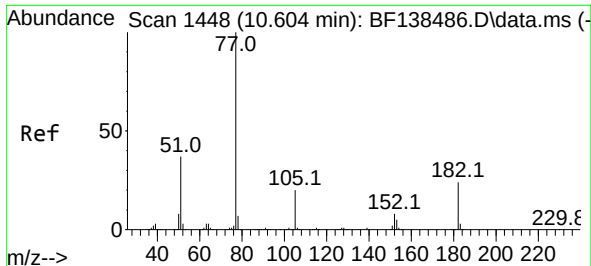


#62
4-Nitroaniline
Concen: 42.391 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:138 Resp: 120310
Ion Ratio Lower Upper
138 100
92 54.5 35.8 75.8
108 75.4 59.8 99.8





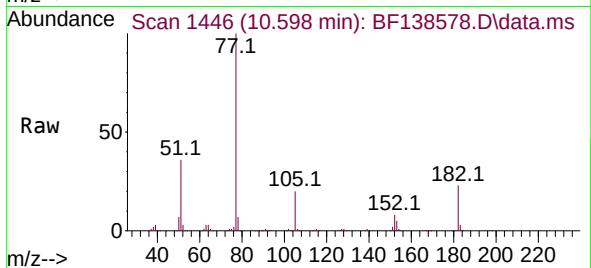
#63
Azobenzene
Concen: 40.290 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



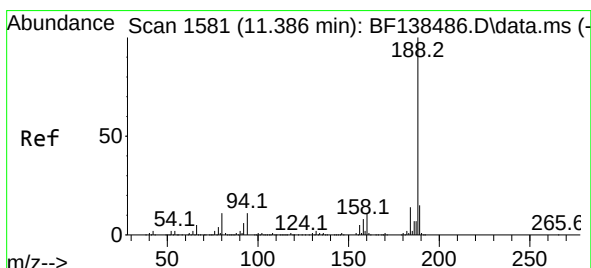
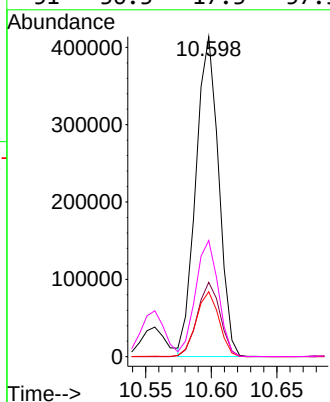
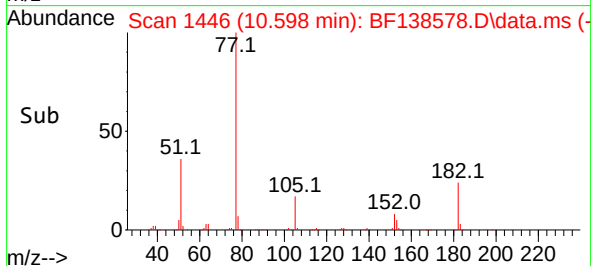
Tgt Ion: 77 Resp: 50118
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 20.3 0.0 39.8
51 36.3 17.3 57.3

Manual Integrations

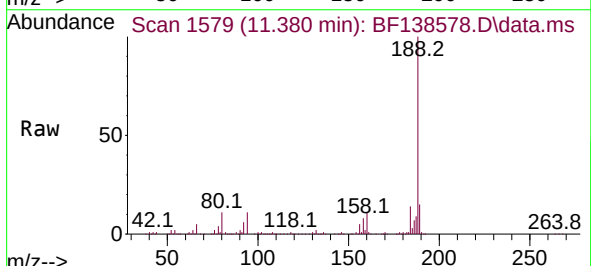
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

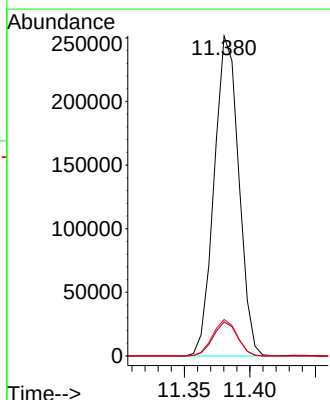
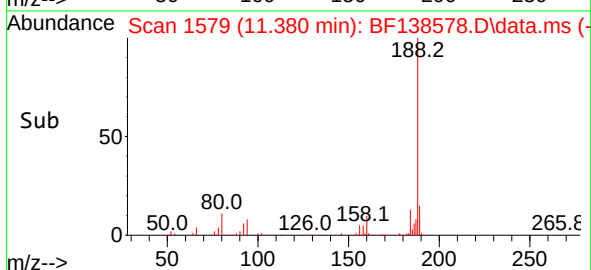
Supervised By :mohammad ahmed 07/22/2024

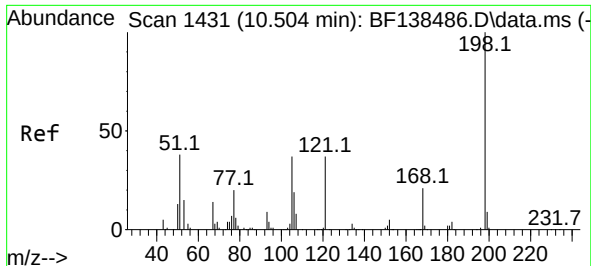


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



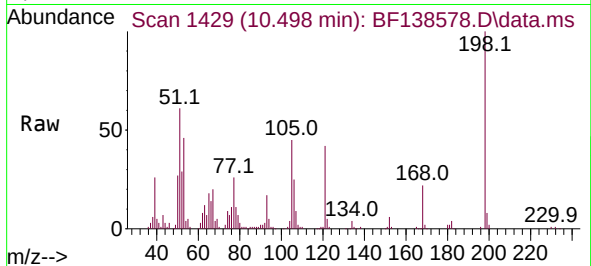
Tgt Ion:188 Resp: 327387
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.4 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.786 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

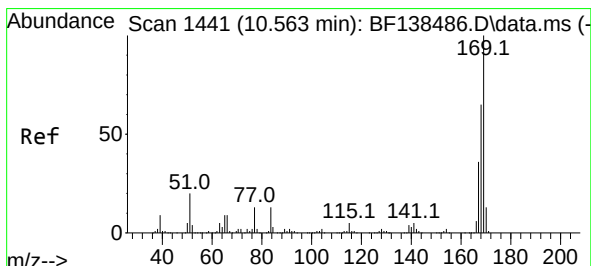
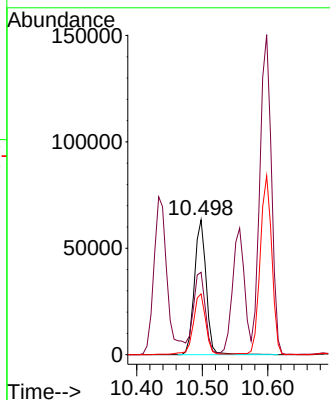
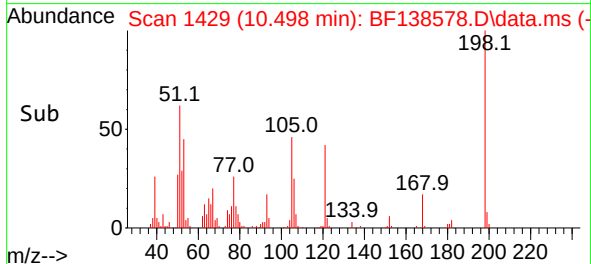
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



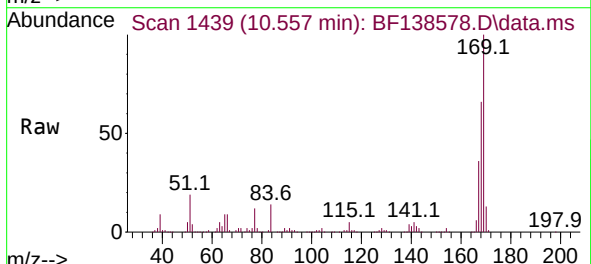
Tgt Ion:198 Resp: 7899
Ion Ratio Lower Upper
198 100
51 61.1 27.2 67.2
105 45.1 18.5 58.5

Manual Integrations
APPROVED

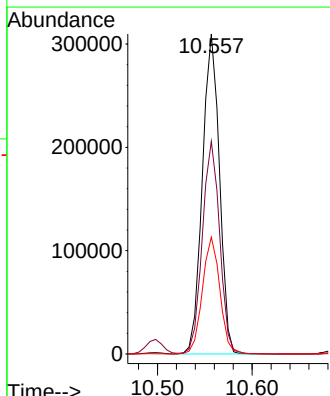
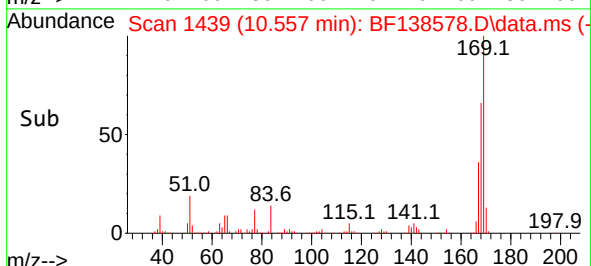
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

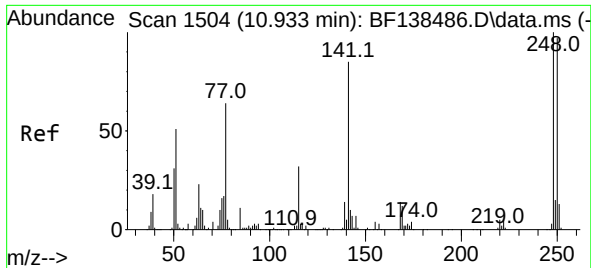


#66
n-Nitrosodiphenylamine
Concen: 39.395 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:169 Resp: 386415
Ion Ratio Lower Upper
169 100
168 66.4 51.7 77.5
167 36.5 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 37.637 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

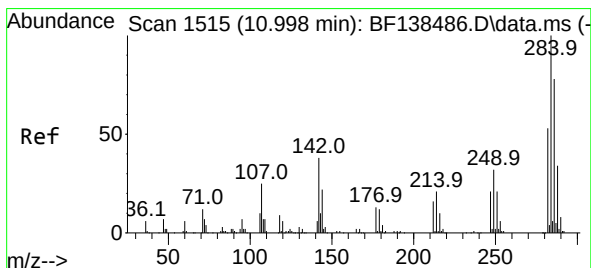
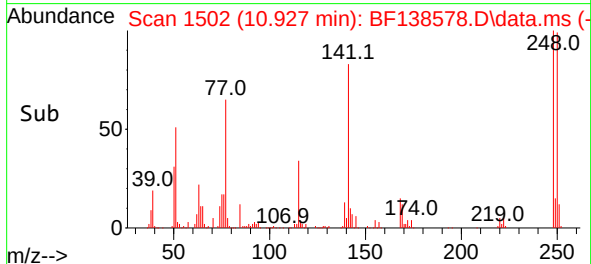
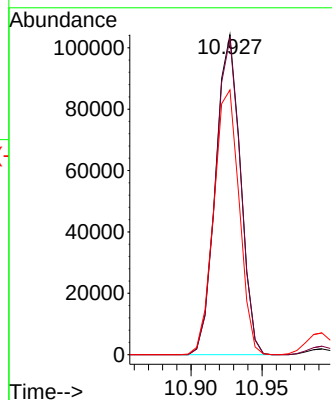
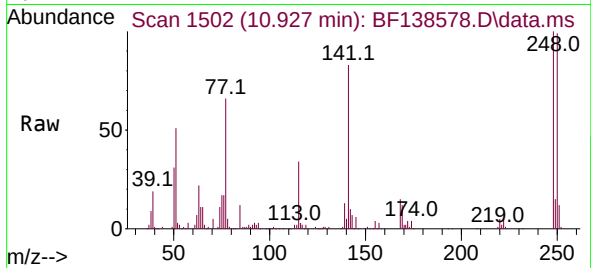
SSTDCCC040

Tgt Ion:248 Resp: 12664
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 82.8 67.7 101.5

Manual Integrations

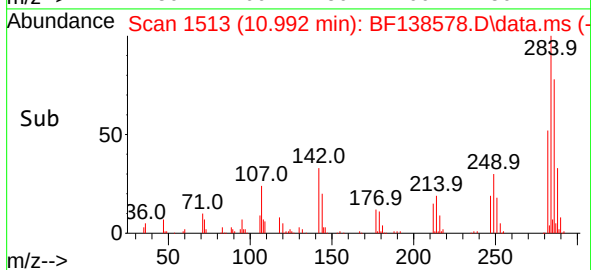
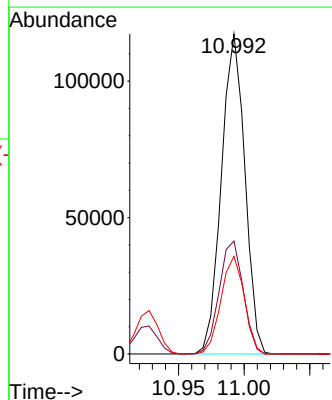
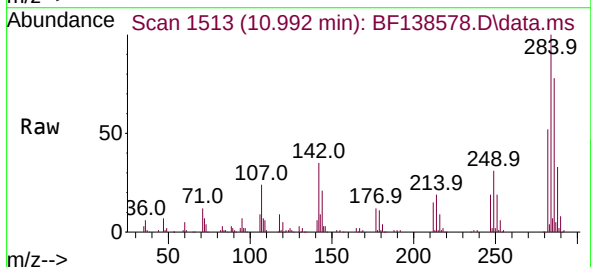
APPROVED

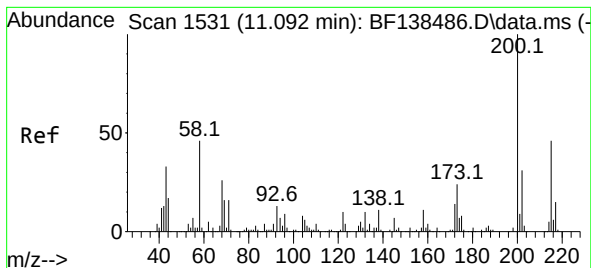
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#68
Hexachlorobenzene
Concen: 39.029 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:284 Resp: 145898
Ion Ratio Lower Upper
284 100
142 35.3 30.5 45.7
249 30.5 25.9 38.9





#69

Atrazine

Concen: 31.900 ng

RT: 11.080 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 103739

Ion Ratio Lower Upper

200 100

173 25.6 4.1 44.1

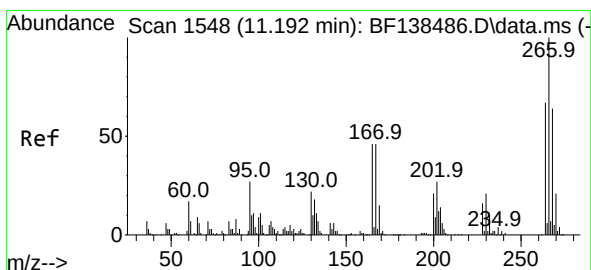
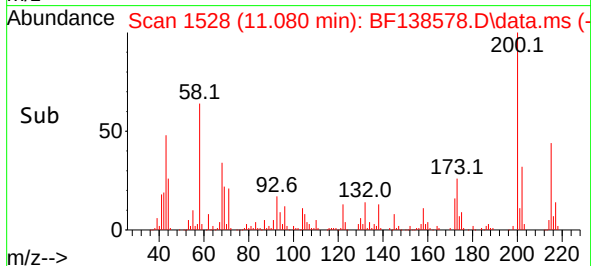
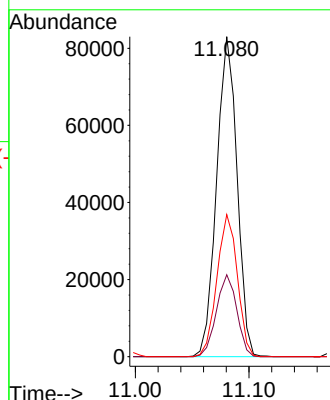
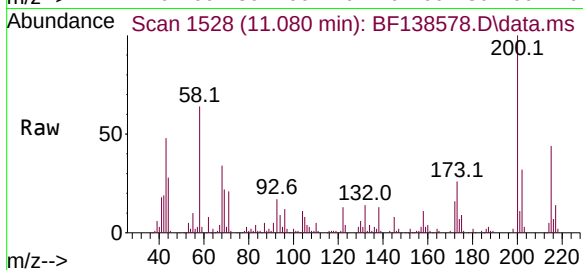
215 44.4 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 38.375 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

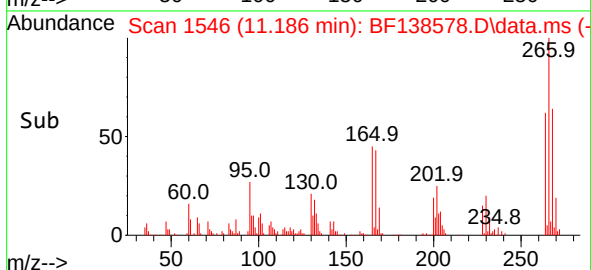
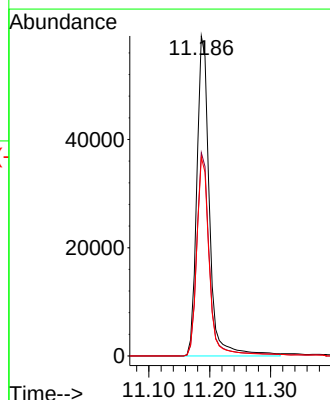
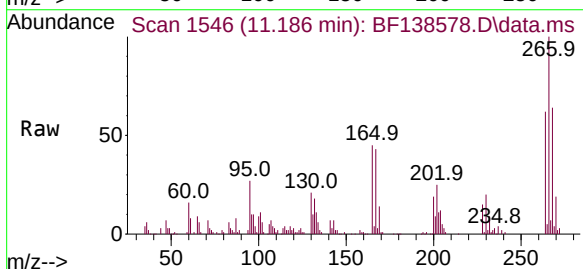
Tgt Ion:266 Resp: 84885

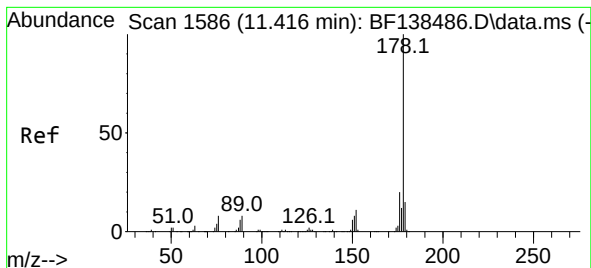
Ion Ratio Lower Upper

266 100

268 63.5 50.9 76.3

264 62.0 53.5 80.3





#71

Phenanthrene

Concen: 39.133 ng

RT: 11.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 647258

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

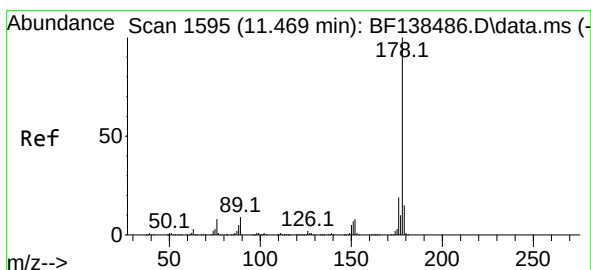
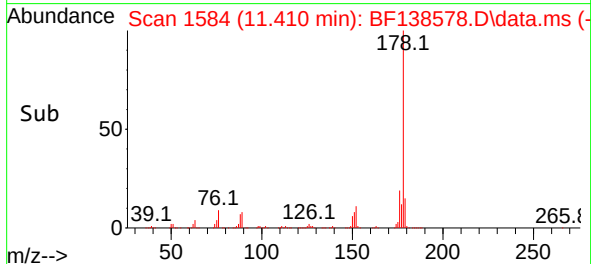
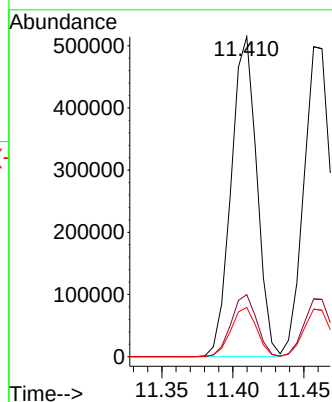
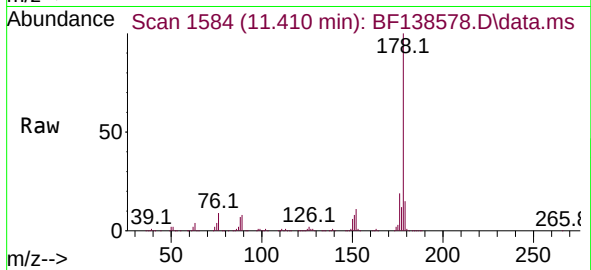
179 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#72

Anthracene

Concen: 39.992 ng

RT: 11.457 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

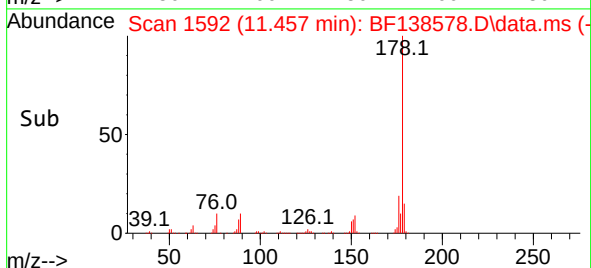
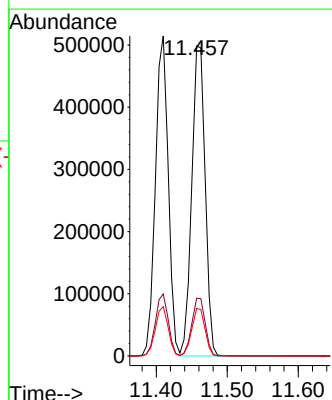
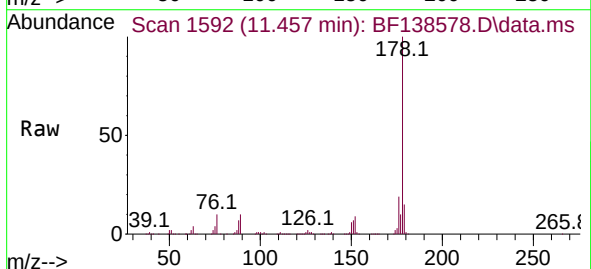
Tgt Ion:178 Resp: 656609

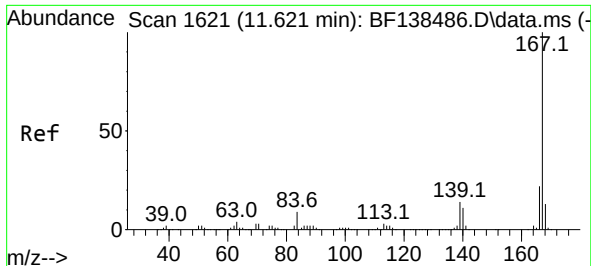
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

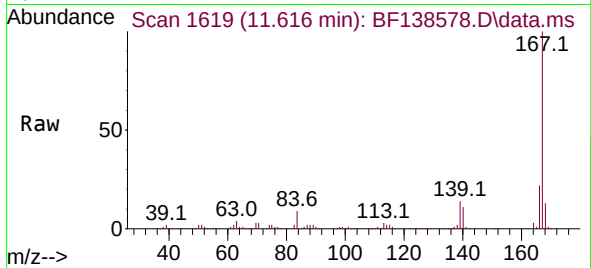
179 15.3 12.2 18.4





#73
Carbazole
Concen: 40.849 ng
RT: 11.616 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

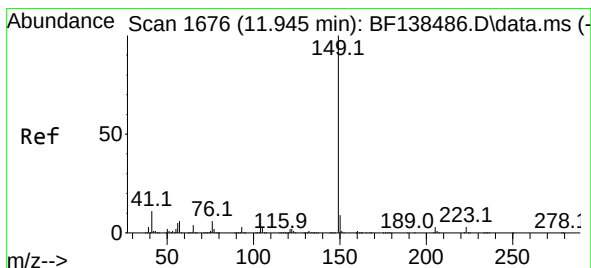
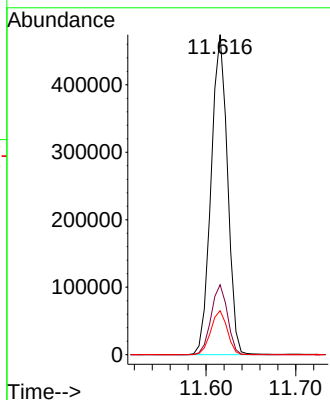
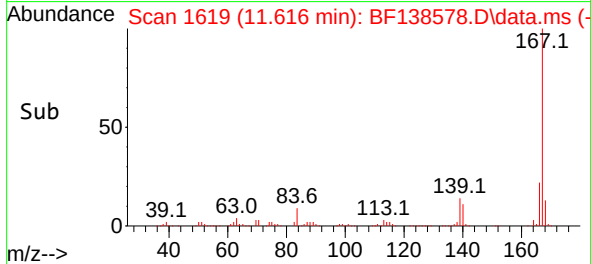
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 602720
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.6
139 13.7 11.0 16.4

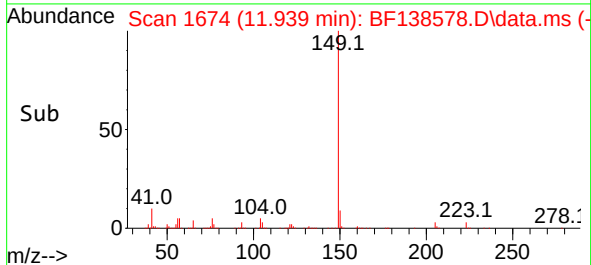
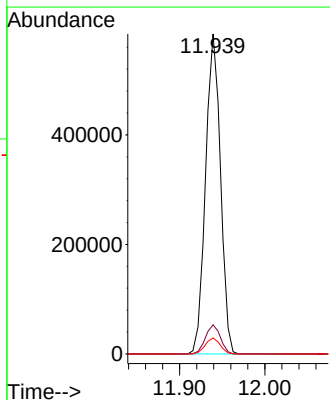
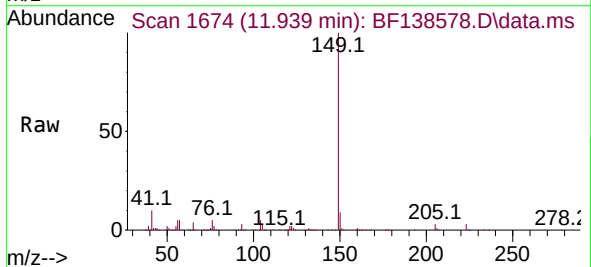
Manual Integrations
APPROVED

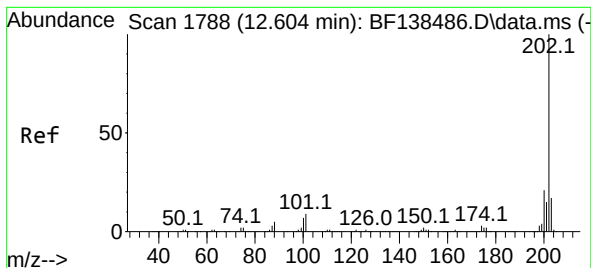
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#74
Di-n-butylphthalate
Concen: 41.708 ng
RT: 11.939 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:149 Resp: 709352
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 41.131 ng

RT: 12.592 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138578.D

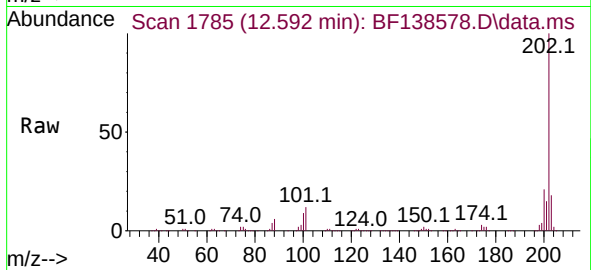
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



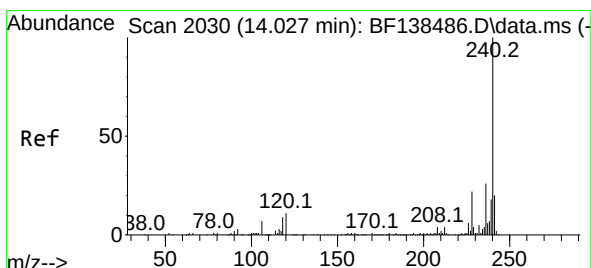
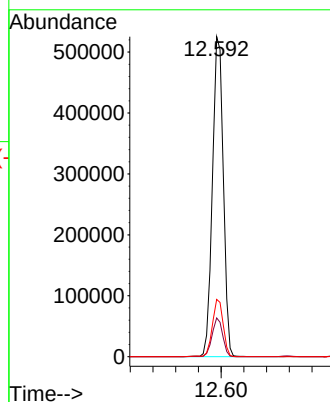
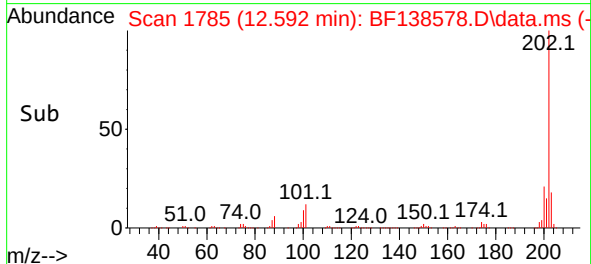
Tgt Ion:	202	Resp:	694174
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	29.2
203	17.9	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

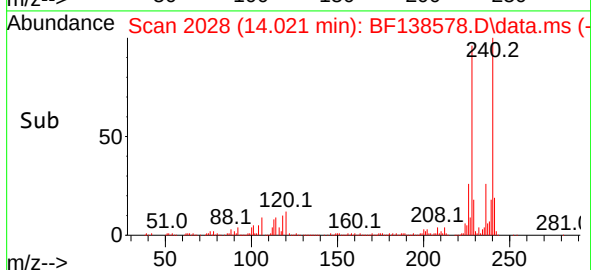
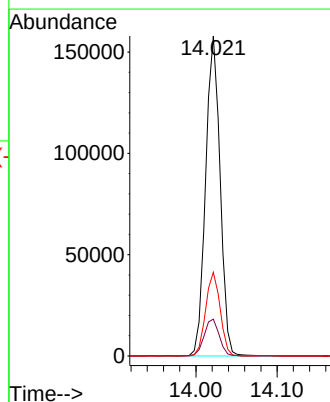
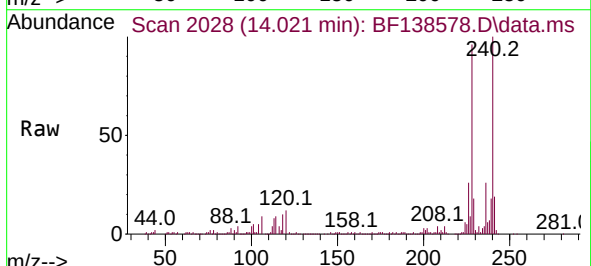
RT: 14.021 min Scan# 2028

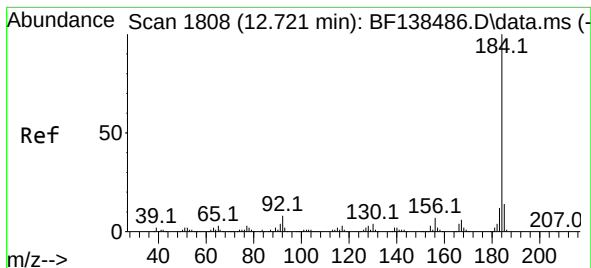
Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Tgt Ion:	240	Resp:	194971
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.6	12.8
236	26.1	21.0	31.6





#77

Benzidine

Concen: 41.154 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.005 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 202439

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

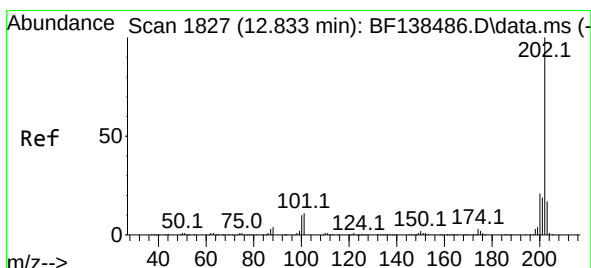
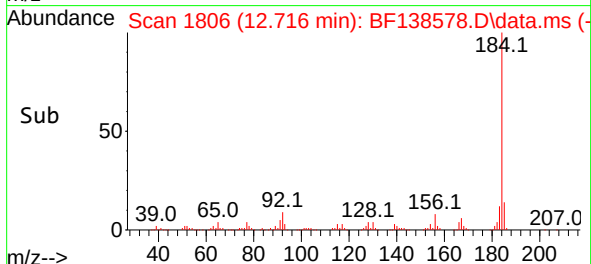
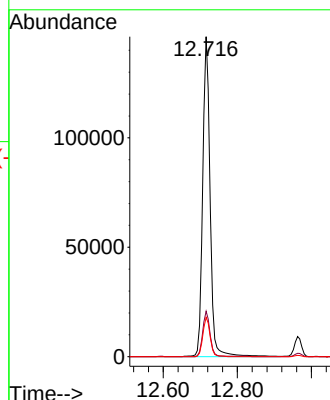
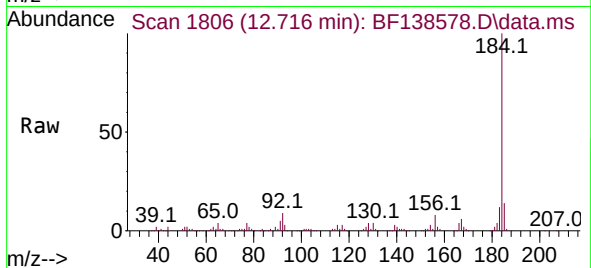
183 12.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#78

Pyrene

Concen: 35.397 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

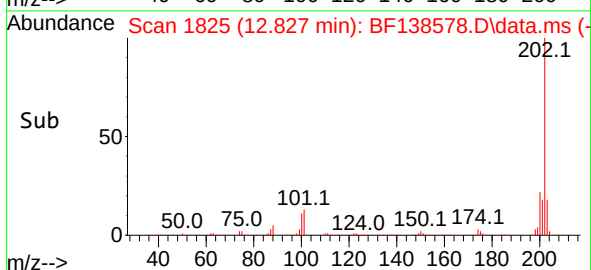
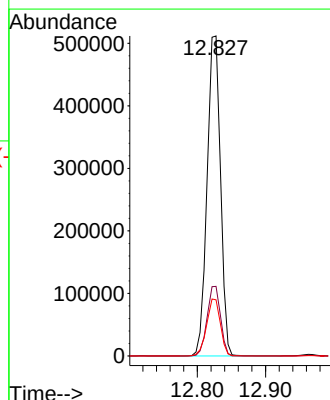
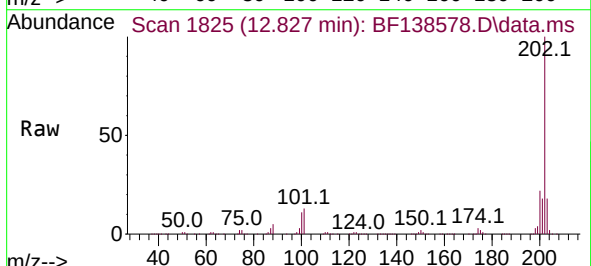
Tgt Ion:202 Resp: 700583

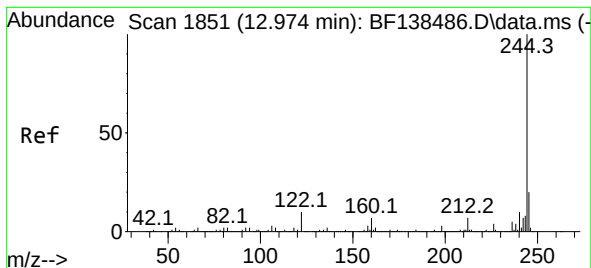
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 72.495 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 86760

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

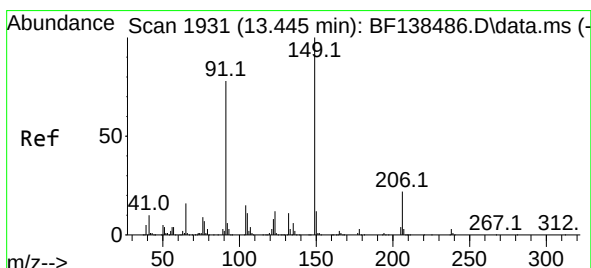
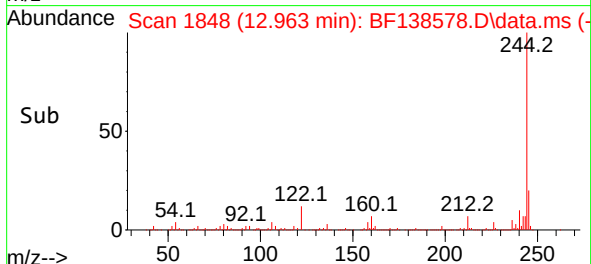
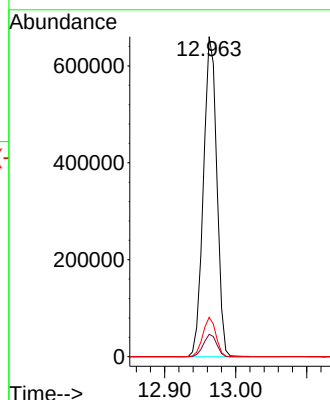
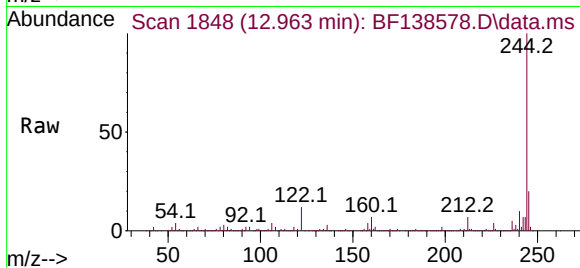
122 12.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#80

Butylbenzylphthalate

Concen: 43.863 ng

RT: 13.439 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

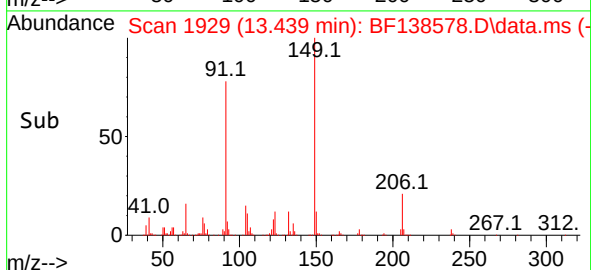
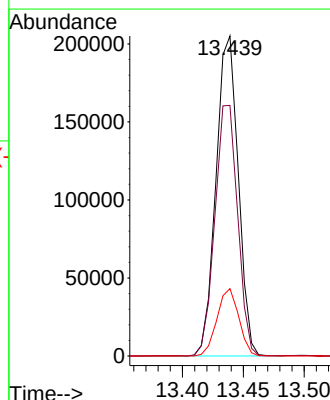
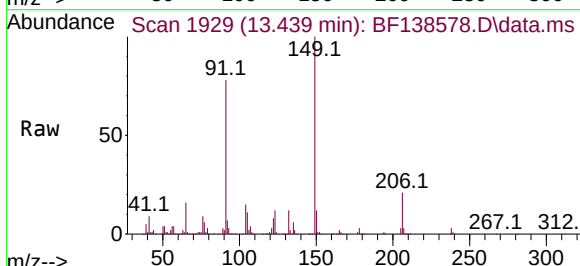
Tgt Ion:149 Resp: 261154

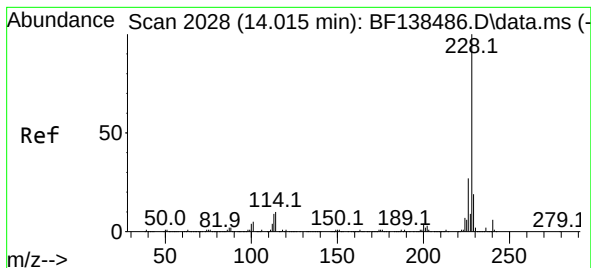
Ion Ratio Lower Upper

149 100

91 78.3 62.1 93.1

206 21.0 18.0 27.0





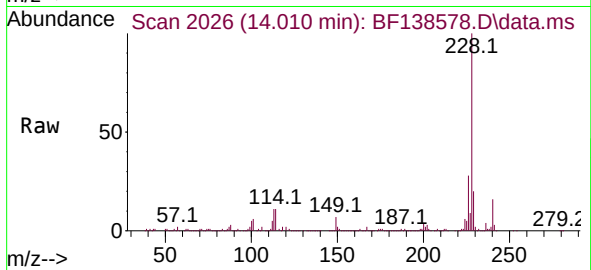
#81
Benzo(a)anthracene
Concen: 39.935 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



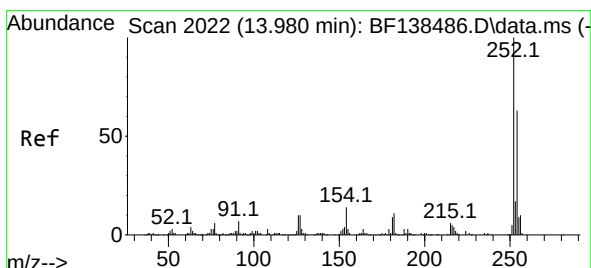
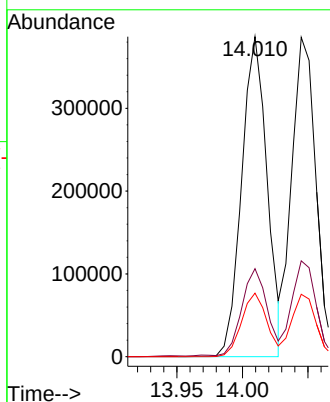
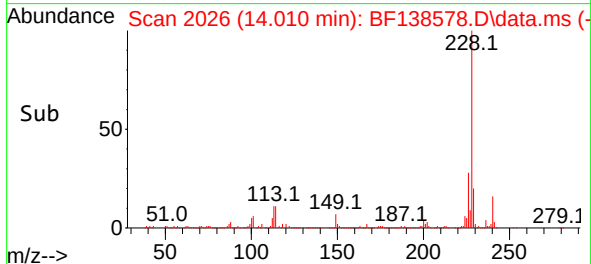
Tgt Ion:228 Resp: 52245
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.9 15.5 23.3

Manual Integrations

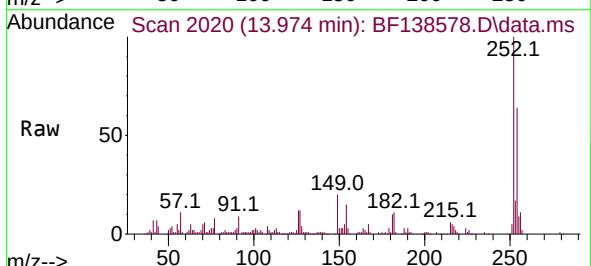
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

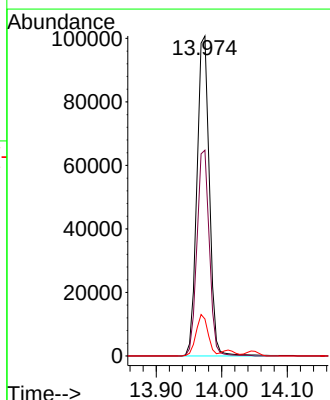
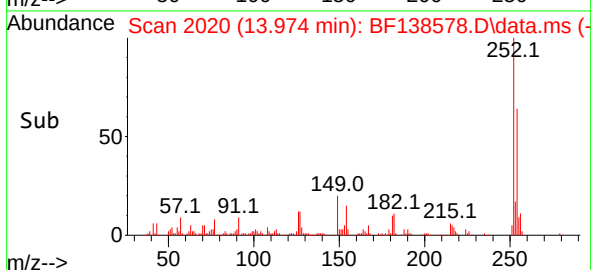
Supervised By :mohammad ahmed 07/22/2024

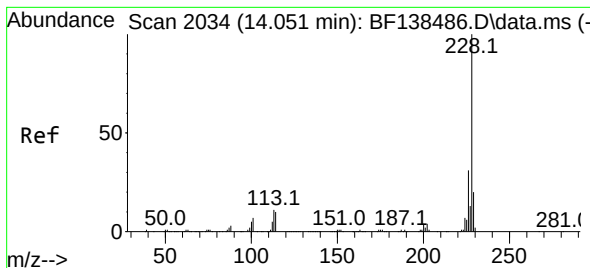


#82
3,3'-Dichlorobenzidine
Concen: 39.523 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:252 Resp: 133234
Ion Ratio Lower Upper
252 100
254 64.3 50.3 75.5
126 11.6 8.1 12.1





#83

Chrysene

Concen: 39.771 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 492210

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

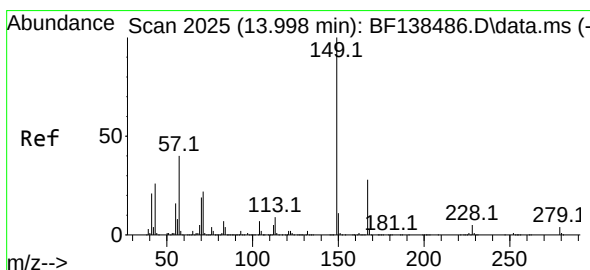
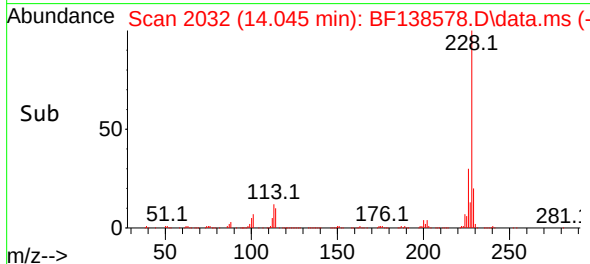
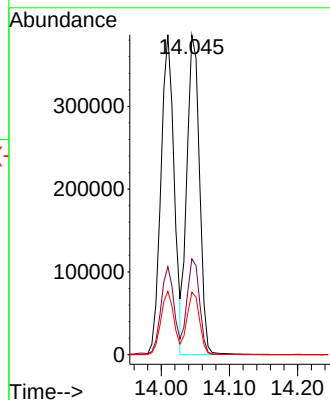
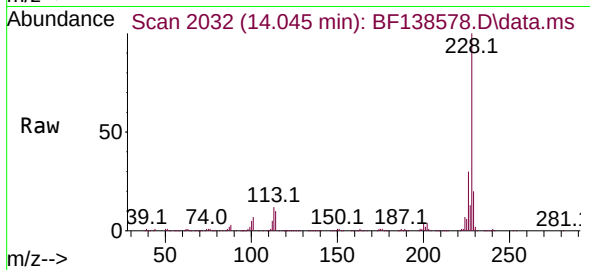
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.483 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138578.D

Acq: 19 Jul 2024 09:18

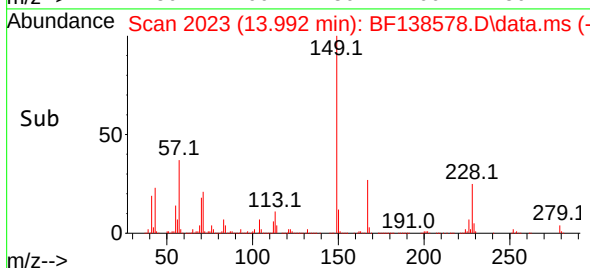
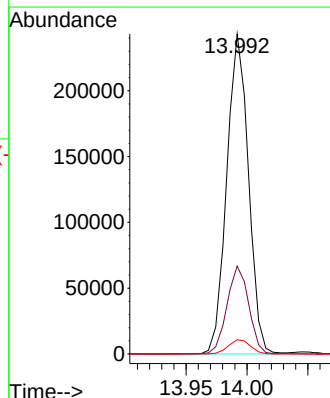
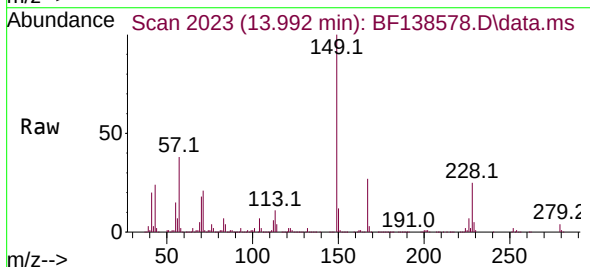
Tgt Ion:149 Resp: 301514

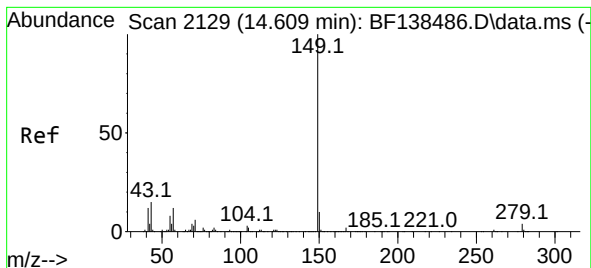
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

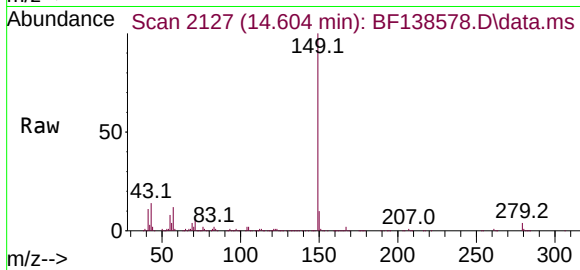
279 4.5 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 41.174 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

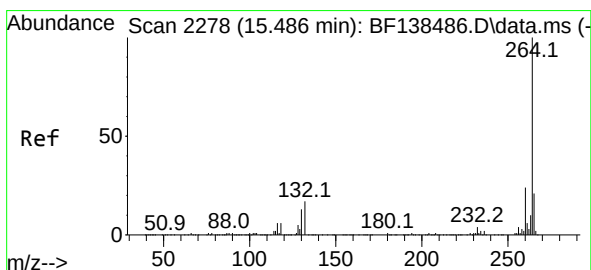
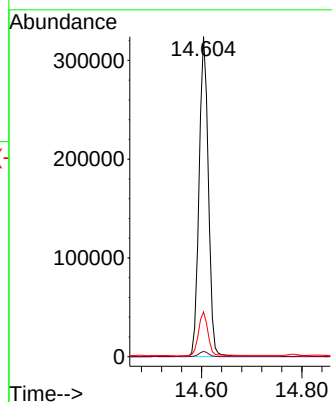
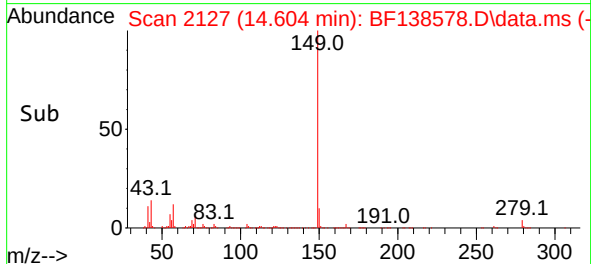
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



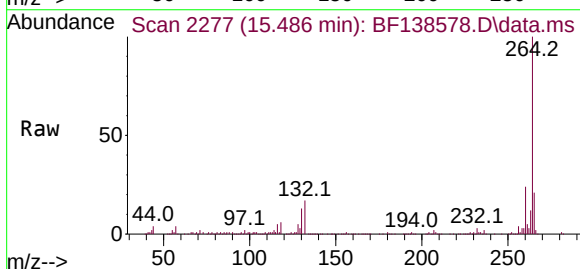
Tgt Ion:149 Resp: 413025
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.4 10.7 16.1

Manual Integrations
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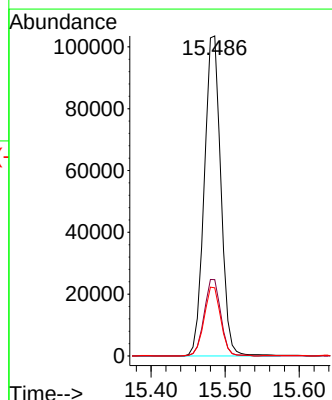
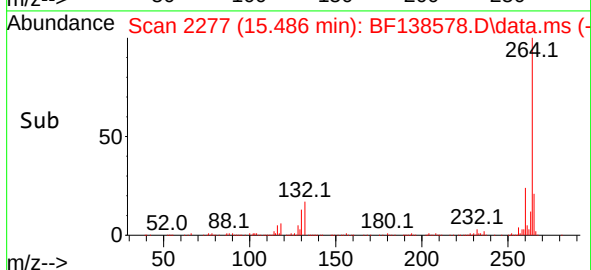
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

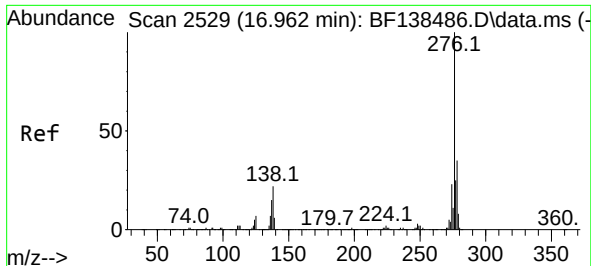


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:264 Resp: 160777
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.3 17.0 25.4





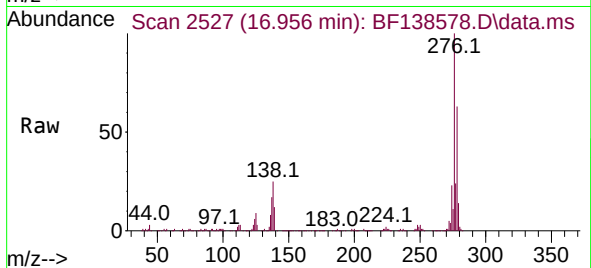
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.130 ng
RT: 16.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

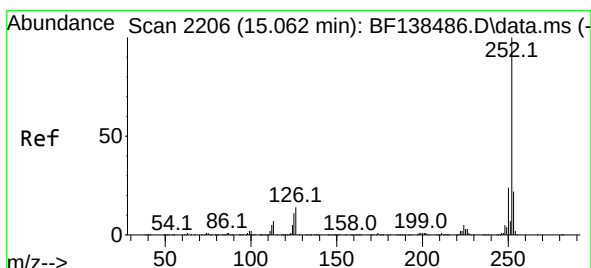
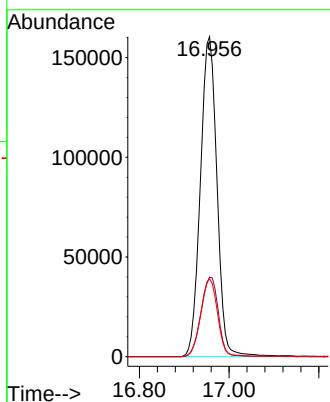
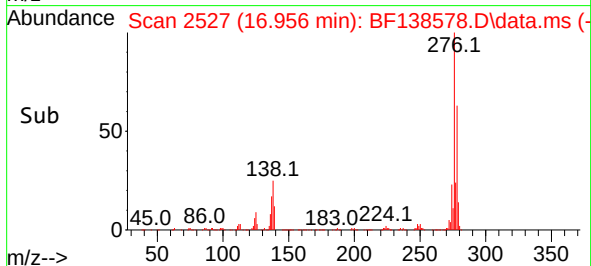


Tgt Ion:276 Resp: 41177
Ion Ratio Lower Upper
276 100
138 25.9 19.6 29.4
277 25.0 20.5 30.7

Manual Integrations

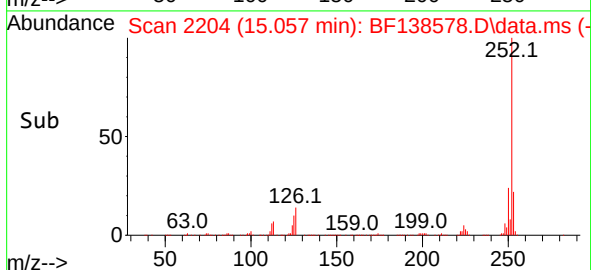
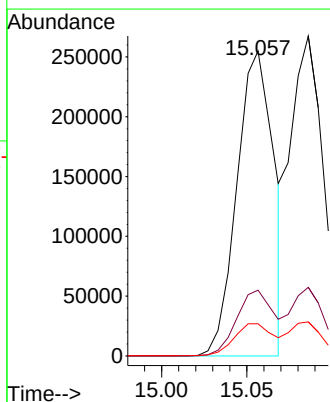
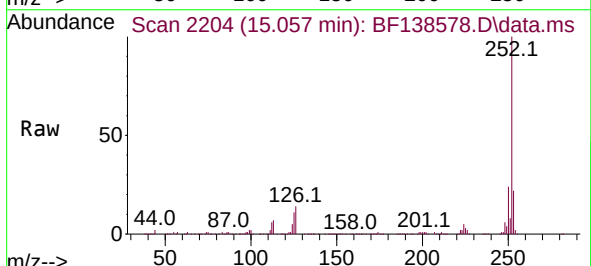
APPROVED

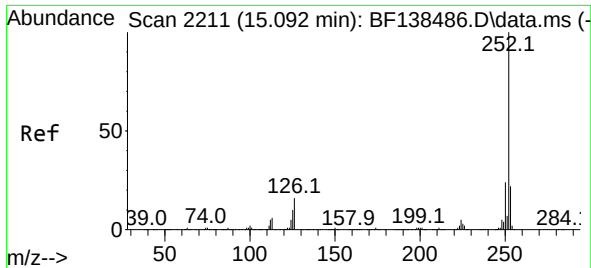
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#88
Benzo(b)fluoranthene
Concen: 42.296 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Tgt Ion:252 Resp: 382964
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.5 8.6 13.0





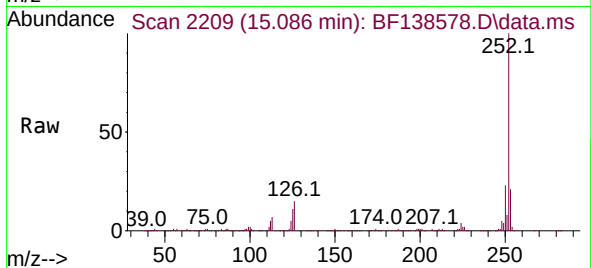
#89
Benzo(k)fluoranthene
Concen: 41.331 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



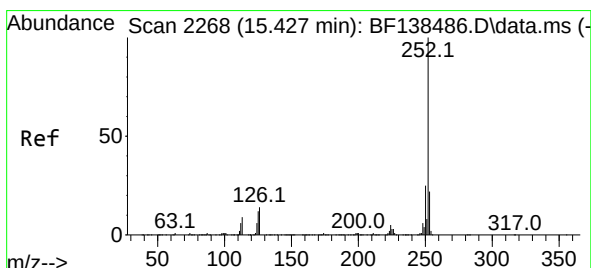
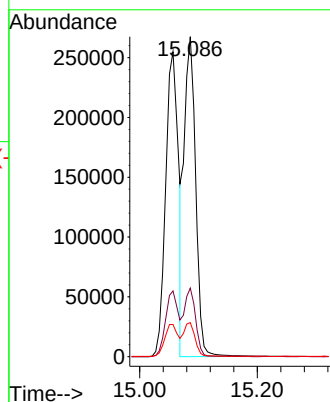
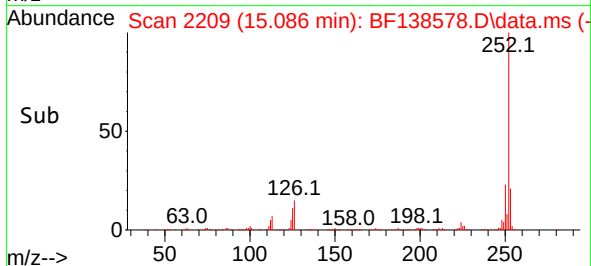
Tgt Ion:252 Resp: 364980
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.7 8.1 12.1

Manual Integrations

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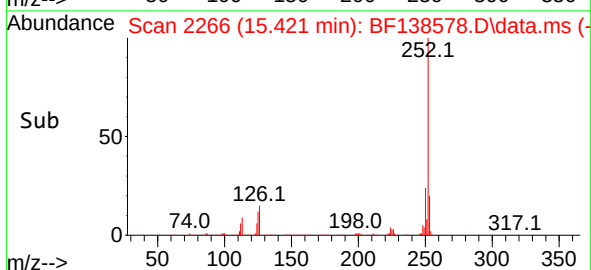
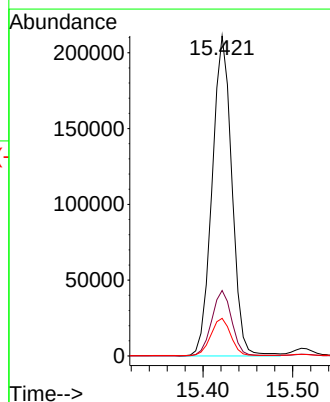
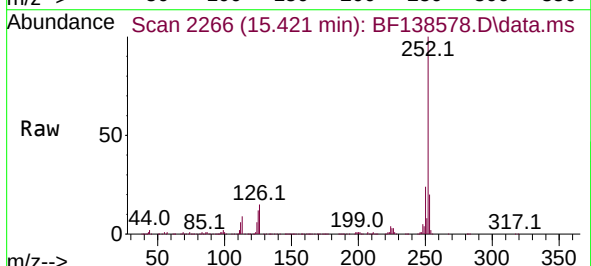
Reviewed By :Yogesh Patel 07/20/2024

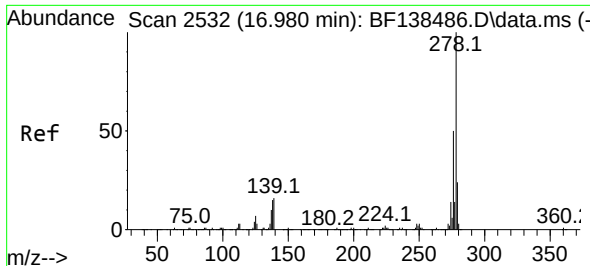
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 40.600 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

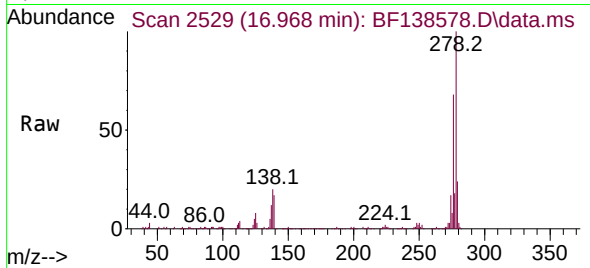
Tgt Ion:252 Resp: 322934
Ion Ratio Lower Upper
252 100
253 20.4 17.4 26.0
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 37.587 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18

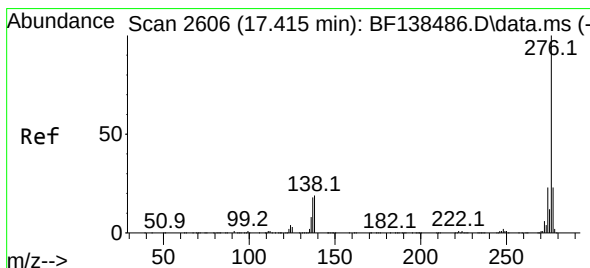
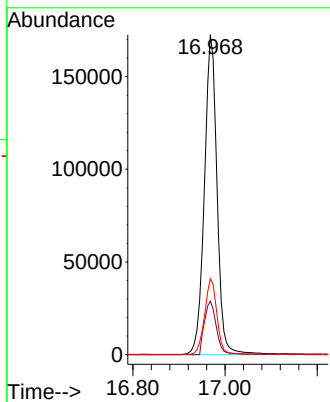
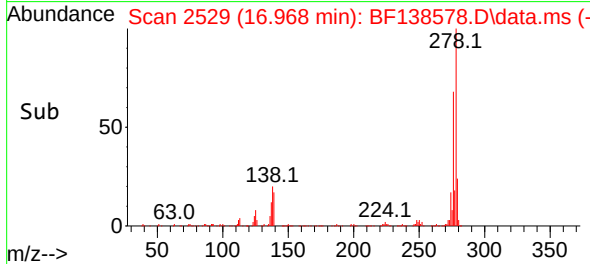
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



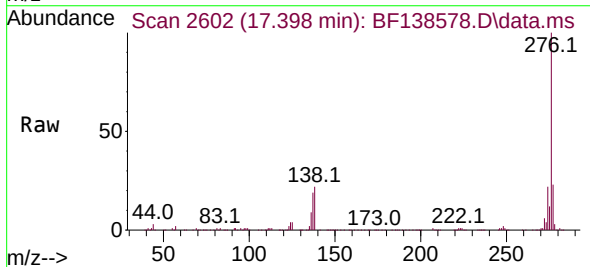
Tgt Ion:278 Resp: 332040
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#92
Benzo(g,h,i)perylene
Concen: 38.264 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138578.D
Acq: 19 Jul 2024 09:18



Tgt Ion:276 Resp: 358435
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 22.2 15.5 23.3

