

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138668.D
 Acq On : 29 Jul 2024 12:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 14:19:52 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	6.851	152	104804	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	405768	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	221896	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	395592	20.000	ng	0.00
76) Chrysene-d12	14.027	240	214485	20.000	ng	0.00
86) Perylene-d12	15.492	264	271041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	544246	82.244	ng	-0.02
7) Phenol-d6	6.493	99	732741	83.236	ng	-0.01
23) Nitrobenzene-d5	7.422	82	676120	81.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	168803	81.396	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1096521	77.233	ng	-0.01
79) Terphenyl-d14	12.969	244	993902	75.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	127768	43.595	ng	95
3) Pyridine	3.363	79	310977	43.026	ng	96
4) n-Nitrosodimethylamine	3.334	42	181375	38.549	ng	85
6) Aniline	6.516	93	333590	40.458	ng	# 64
8) 2-Chlorophenol	6.640	128	286018	40.876	ng	98
9) Benzaldehyde	6.404	77	176631	37.486	ng	98
10) Phenol	6.504	94	388852	41.615	ng	93
11) bis(2-Chloroethyl)ether	6.593	93	287304	40.838	ng	96
12) 1,3-Dichlorobenzene	6.793	146	312246	39.699	ng	98
13) 1,4-Dichlorobenzene	6.869	146	314773	39.411	ng	99
14) 1,2-Dichlorobenzene	7.022	146	295349	39.704	ng	97
15) Benzyl Alcohol	6.998	79	265046	40.119	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	490363	35.444	ng	90
17) 2-Methylphenol	7.110	107	237889	41.483	ng	97
18) Hexachloroethane	7.363	117	115048	39.182	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	212076	38.988	ng	93
20) 3+4-Methylphenols	7.263	107	290044	40.164	ng	95
22) Acetophenone	7.263	105	392047	39.782	ng	98
24) Nitrobenzene	7.440	77	338039	40.250	ng	95
25) Isophorone	7.675	82	568571	40.061	ng	99
26) 2-Nitrophenol	7.751	139	153103	42.533	ng	98
27) 2,4-Dimethylphenol	7.787	122	181601	41.048	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	339448	40.019	ng	98
29) 2,4-Dichlorophenol	7.998	162	228178	39.717	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	254112	37.968	ng	98
31) Naphthalene	8.157	128	849525	40.256	ng	99
32) Benzoic acid	7.934	122	168030m	39.821	ng	
33) 4-Chloroaniline	8.210	127	294314	39.748	ng	98
34) Hexachlorobutadiene	8.269	225	147849	35.874	ng	99
35) Caprolactam	8.598	113	80194	43.257	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	269593	41.915	ng	98
37) 2-Methylnaphthalene	8.851	142	533513	39.285	ng	100
38) 1-Methylnaphthalene	8.951	142	522642	39.433	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	237156	38.348	ng	99
41) Hexachlorocyclopentadiene	8.998	237	79097	39.404	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	154083	39.059	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	163250	37.625	ng	96
46) 1,1'-Biphenyl	9.316	154	670637	39.880	ng	99
47) 2-Chloronaphthalene	9.339	162	505641	39.802	ng	99
48) 2-Nitroaniline	9.439	65	191514	43.503	ng	96
49) Acenaphthylene	9.757	152	728077	40.367	ng	100
50) Dimethylphthalate	9.622	163	571993	39.865	ng	100
51) 2,6-Dinitrotoluene	9.686	165	136323	41.265	ng	94
52) Acenaphthene	9.928	154	498009	41.538	ng	100
53) 3-Nitroaniline	9.857	138	141282	41.725	ng	93
54) 2,4-Dinitrophenol	9.963	184	61501	37.331	ng	93
55) Dibenzofuran	10.098	168	693695	39.890	ng	100
56) 4-Nitrophenol	10.022	139	99297	39.744	ng	94
57) 2,4-Dinitrotoluene	10.086	165	181161	42.382	ng	95
58) Fluorene	10.445	166	550192	39.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	132026	38.556	ng	99
60) Diethylphthalate	10.316	149	551772	39.890	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	264471	38.276	ng	96
62) 4-Nitroaniline	10.469	138	146442	43.160	ng	98
63) Azobenzene	10.592	77	609186	40.963	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	97261	42.580	ng	79
66) n-Nitrosodiphenylamine	10.557	169	468824	39.556	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	155286	38.192	ng	96
68) Hexachlorobenzene	10.992	284	175945	38.952	ng	95
69) Atrazine	11.081	200	134924	34.336	ng	97
70) Pentachlorophenol	11.192	266	94118	35.213	ng	98
71) Phenanthrene	11.410	178	796256	39.841	ng	99
72) Anthracene	11.463	178	793827	40.014	ng	100
73) Carbazole	11.616	167	736323	41.300	ng	99
74) Di-n-butylphthalate	11.939	149	824092	40.101	ng	100
75) Fluoranthene	12.598	202	822012	40.308	ng	98
77) Benzidine	12.722	184	184370	34.071	ng	100
78) Pyrene	12.827	202	832591	38.239	ng	100
80) Butylbenzylphthalate	13.439	149	283232	43.243	ng	96
81) Benzo(a)anthracene	14.016	228	588296	40.877	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	148844	40.136	ng	# 97
83) Chrysene	14.051	228	522036	38.343	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	327008	46.813	ng	# 98
85) Di-n-octyl phthalate	14.610	149	457945	41.498	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	749975	41.194	ng	97
88) Benzo(b)fluoranthene	15.063	252	528911	34.650	ng	99
89) Benzo(k)fluoranthene	15.092	252	398671	26.780	ng	99
90) Benzo(a)pyrene	15.433	252	536039	39.976	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	601723	40.404	ng	98
92) Benzo(g,h,i)perylene	17.427	276	646364	40.930	ng	# 95

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

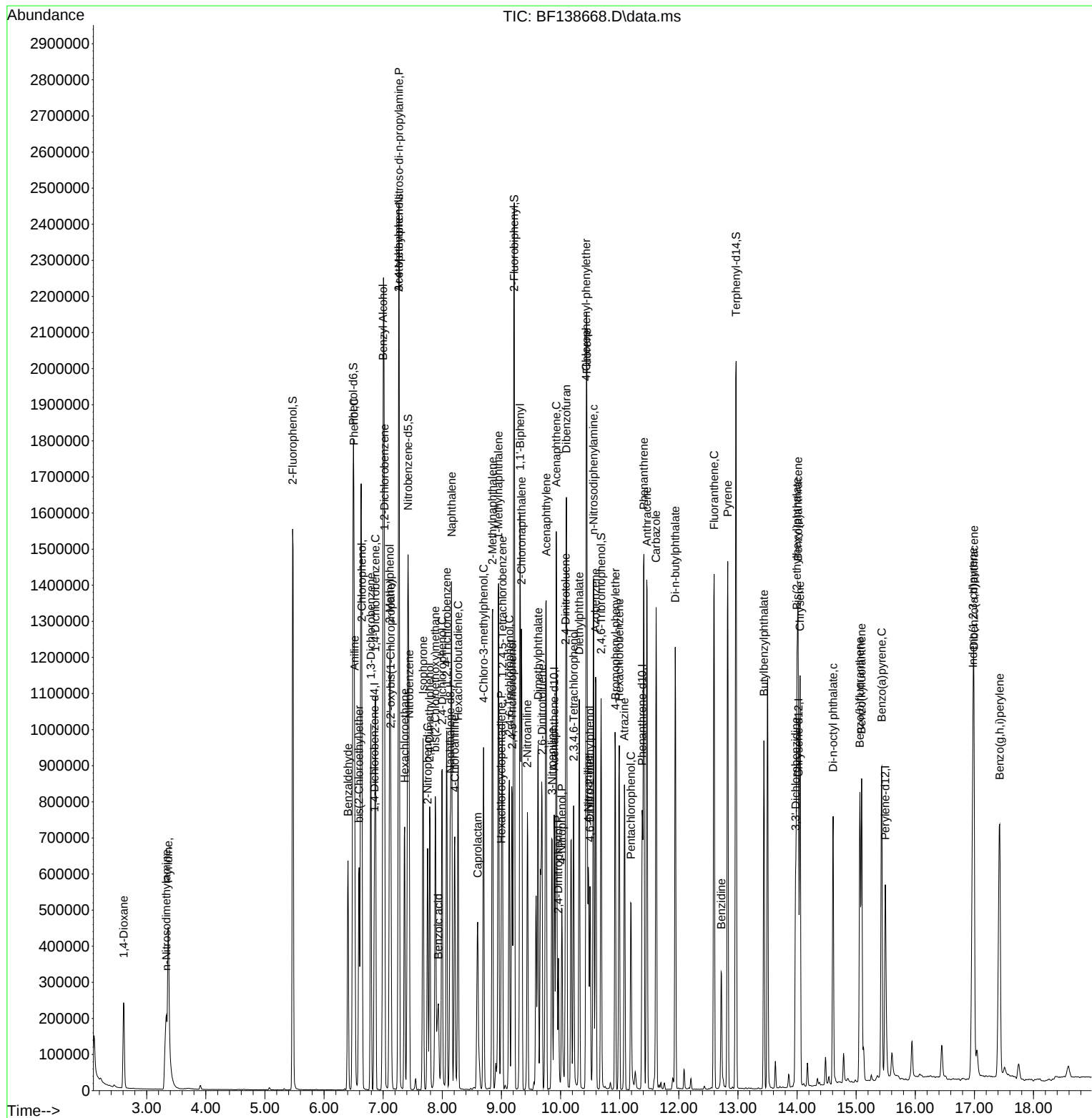
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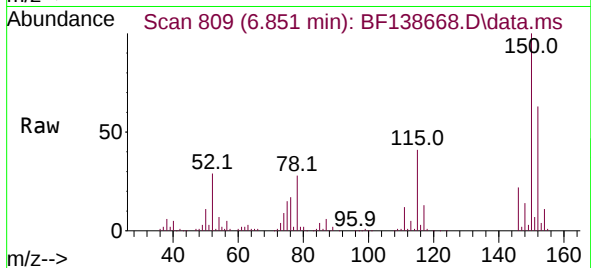
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

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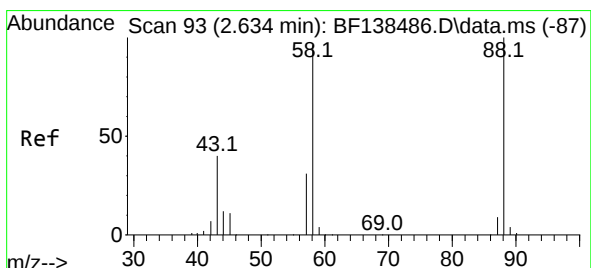
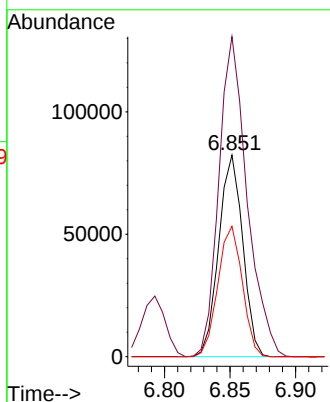
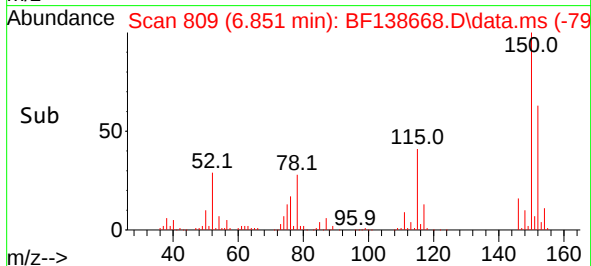
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Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.4
115 64.7 50.3 75.5

Manual Integrations

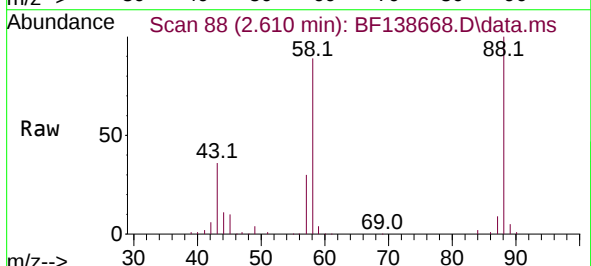
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

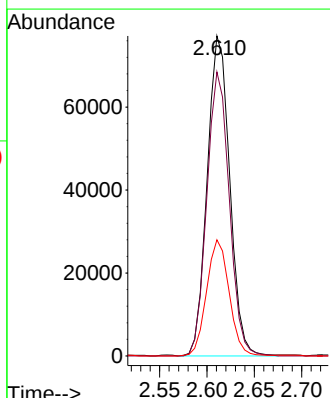
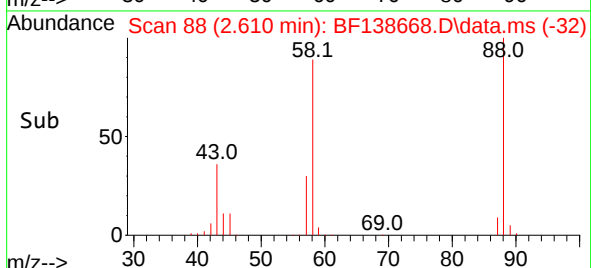
Supervised By :mohammad ahmed 07/31/2024

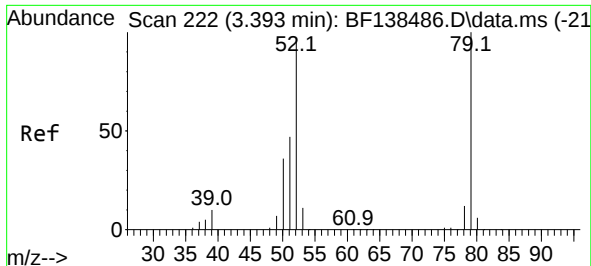


#2
1,4-Dioxane
Concen: 43.595 ng
RT: 2.610 min Scan# 88
Delta R.T. -0.023 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion: 88 Resp: 127768
Ion Ratio Lower Upper
88 100
58 88.5 74.6 112.0
43 36.4 31.8 47.6





#3

Pyridine

Concen: 43.026 ng

RT: 3.363 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 31097

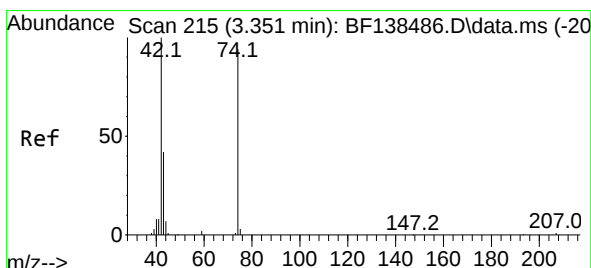
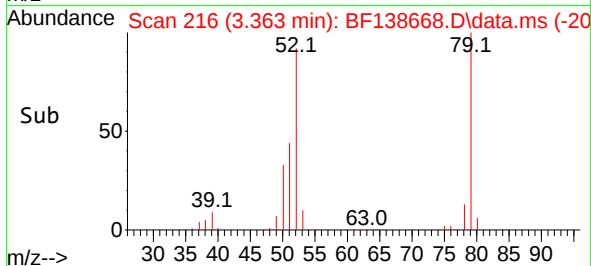
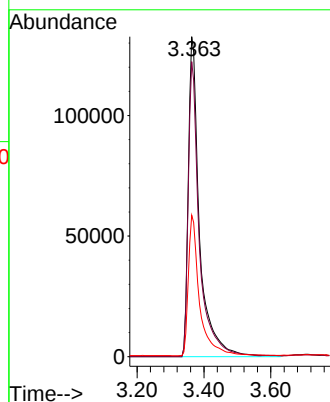
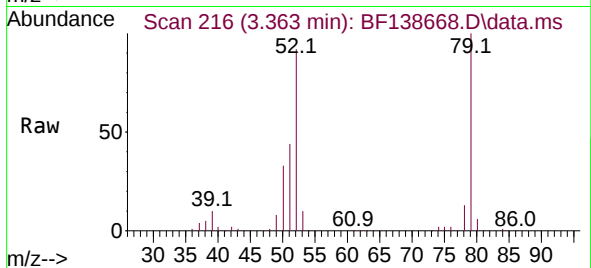
Ion	Ratio	Lower	Upper
79	100		
52	92.2	77.4	116.2
51	44.2	37.4	56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.549 ng

RT: 3.334 min Scan# 211

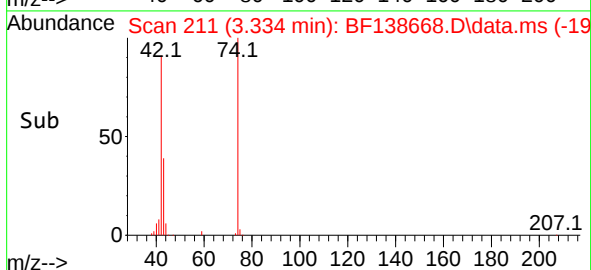
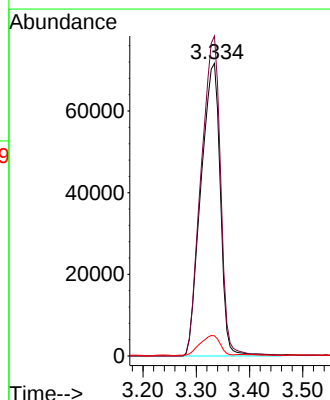
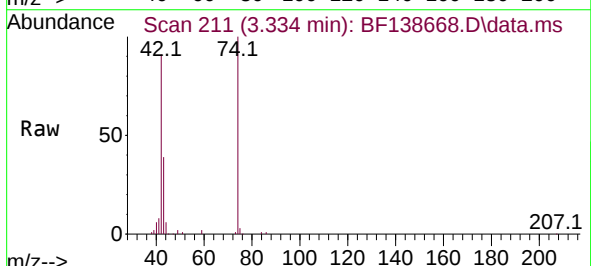
Delta R.T. -0.017 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Tgt Ion: 42 Resp: 181375

Ion	Ratio	Lower	Upper
42	100		
74	109.4	75.0	112.6
44	6.9	5.4	8.2





#5
2-Fluorophenol
Concen: 82.244 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

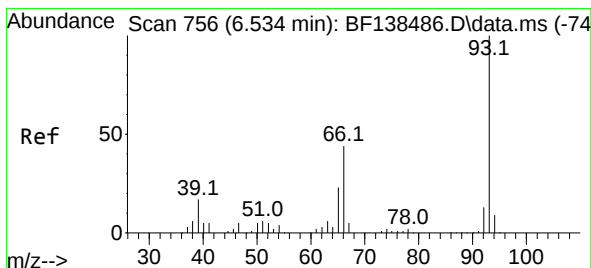
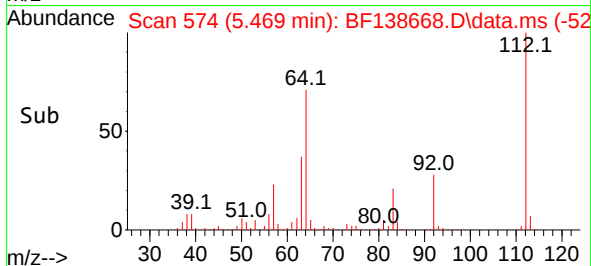
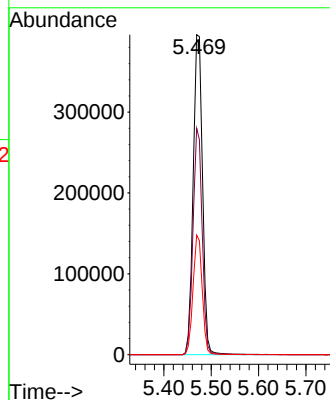
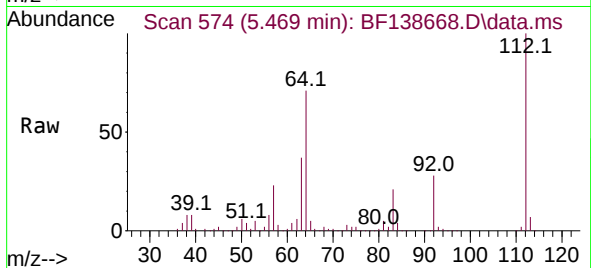
SSTDCCC040

Tgt Ion:112 Resp: 544240
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 37.4 29.0 43.6

Manual Integrations

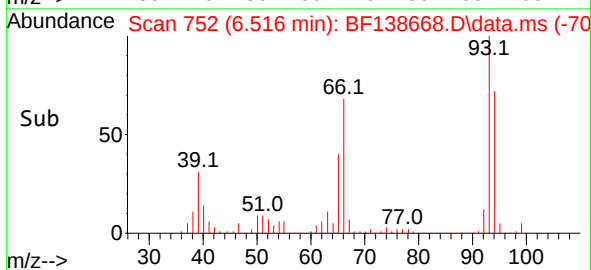
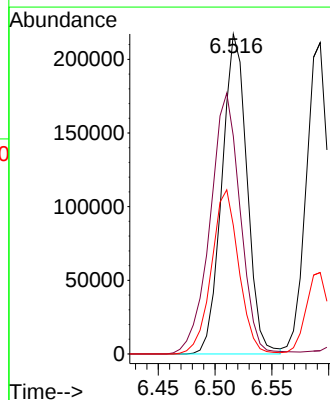
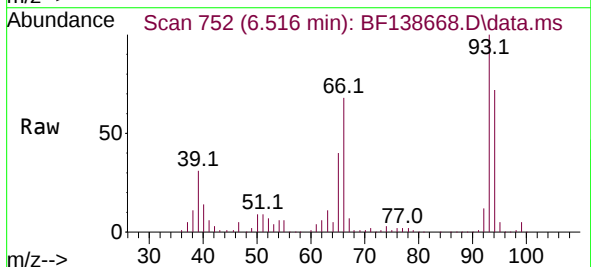
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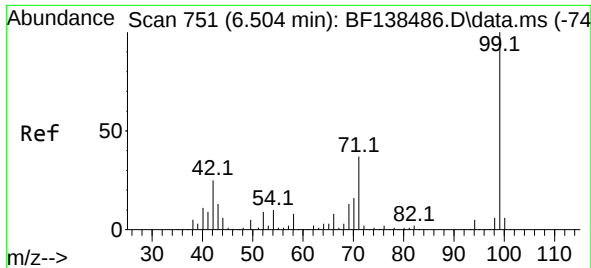
Reviewed By :Yogesh Patel 07/30/2024
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#6
Aniline
Concen: 40.458 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138668.D
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Tgt Ion: 93 Resp: 333590
Ion Ratio Lower Upper
93 100
66 68.0 35.4 53.0#
65 40.2 18.6 27.8#





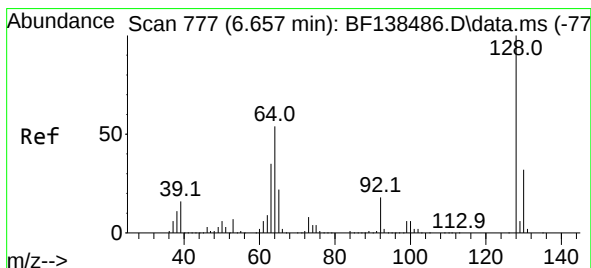
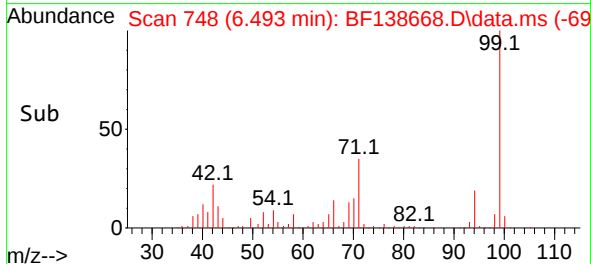
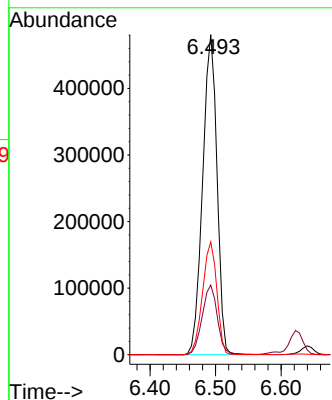
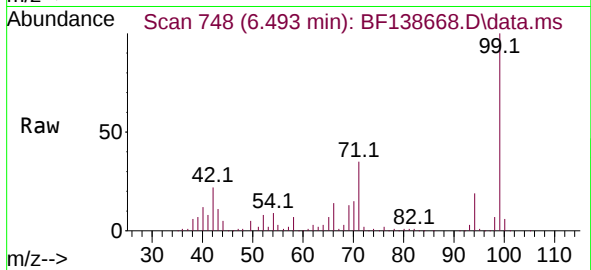
#7
Phenol-d6
Concen: 83.236 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
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Tgt Ion: 99 Resp: 73274
Ion Ratio Lower Upper
99 100
42 21.7 19.7 29.5
71 35.2 29.9 44.9

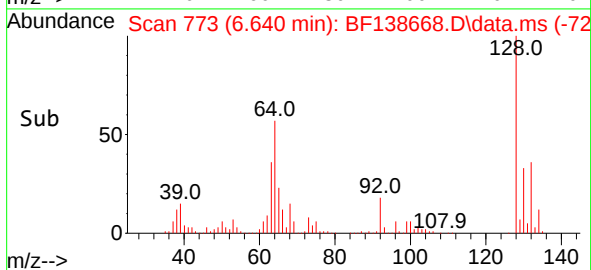
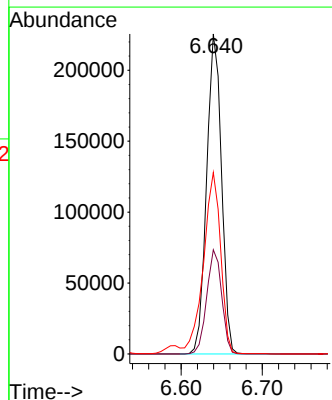
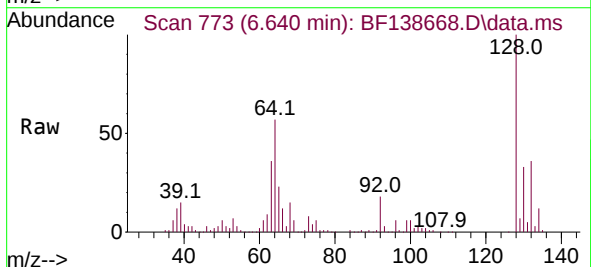
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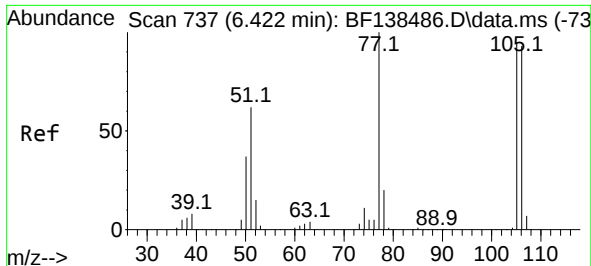
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#8
2-Chlorophenol
Concen: 40.876 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138668.D
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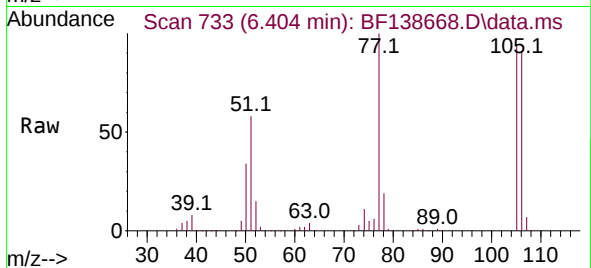
Tgt Ion:128 Resp: 286018
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 56.7 34.4 74.4





#9
Benzaldehyde
Concen: 37.486 ng
RT: 6.404 min Scan# 713
Delta R.T. -0.018 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

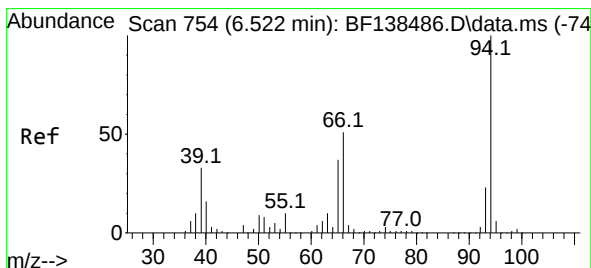
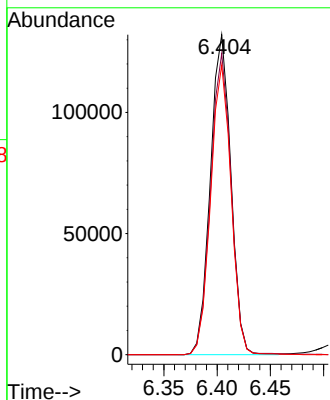
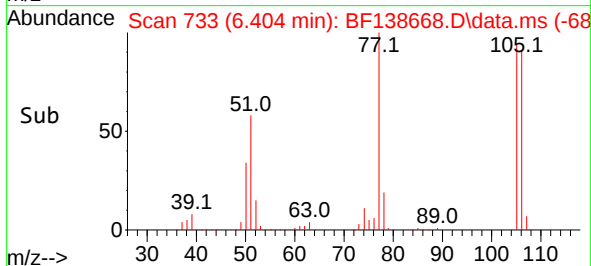
Instrument :
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Tgt Ion: 77 Resp: 17663
Ion Ratio Lower Upper
77 100
105 94.1 75.1 115.1
106 90.5 73.2 113.2

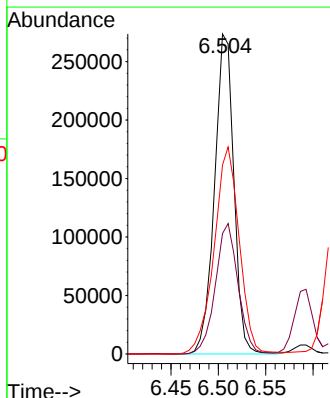
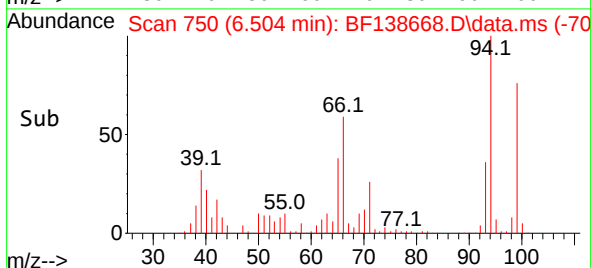
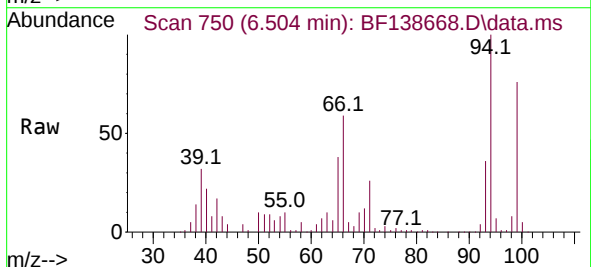
Manual Integrations
APPROVED

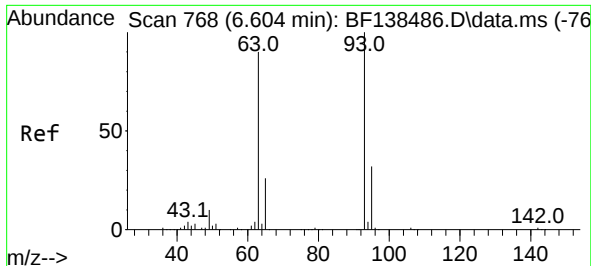
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Phenol
Concen: 41.615 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion: 94 Resp: 388852
Ion Ratio Lower Upper
94 100
65 37.7 16.7 56.7
66 59.1 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 40.838 ng

RT: 6.593 min Scan# 709

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 287304

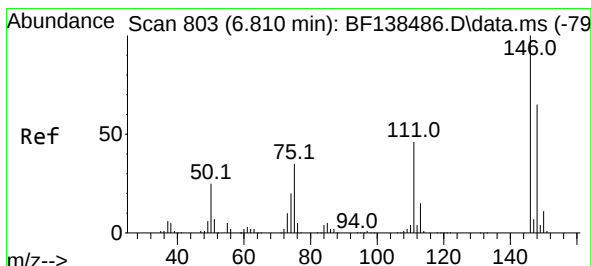
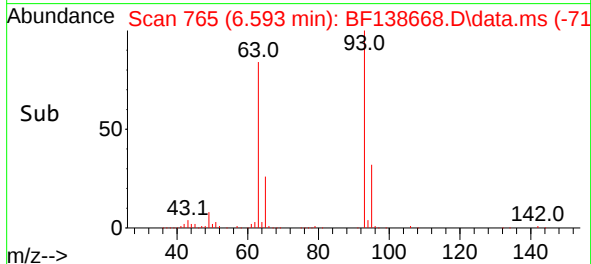
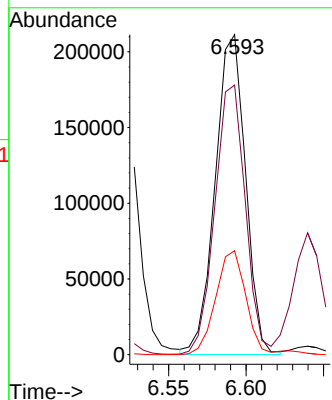
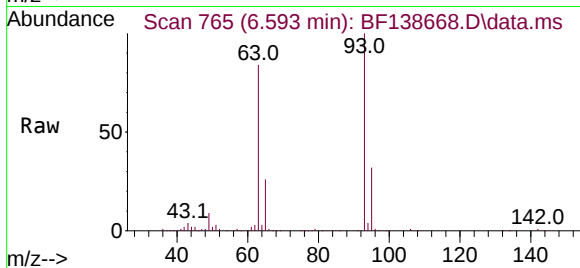
Ion	Ratio	Lower	Upper
93	100		
63	84.3	68.8	108.8
95	32.5	11.8	51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#12

1,3-Dichlorobenzene

Concen: 39.699 ng

RT: 6.793 min Scan# 799

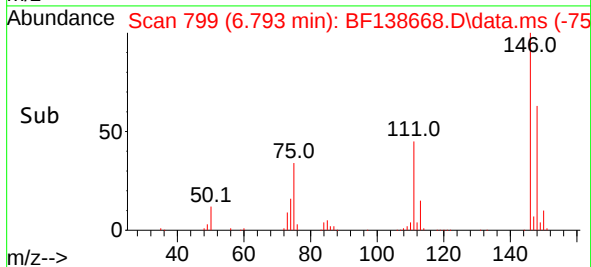
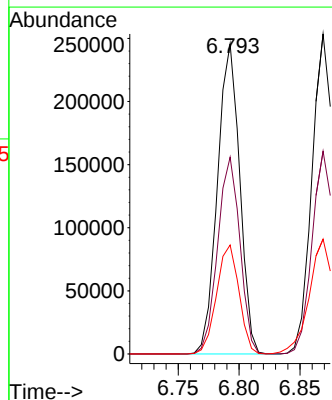
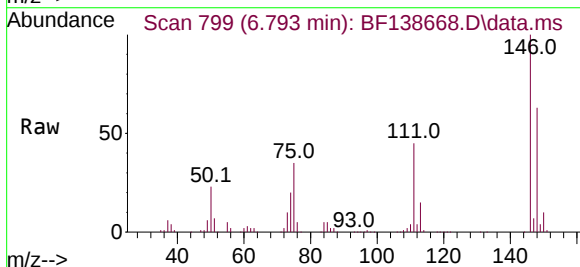
Delta R.T. -0.017 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Tgt Ion:146 Resp: 312246

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.4	78.6
75	35.1	27.8	41.8





#13
1,4-Dichlorobenzene
Concen: 39.411 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

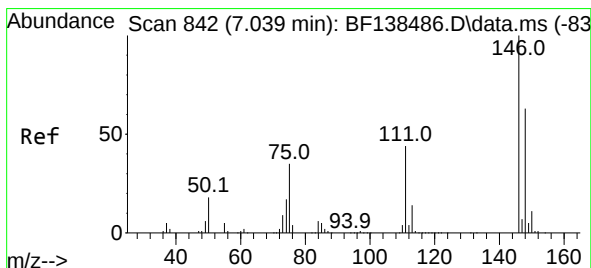
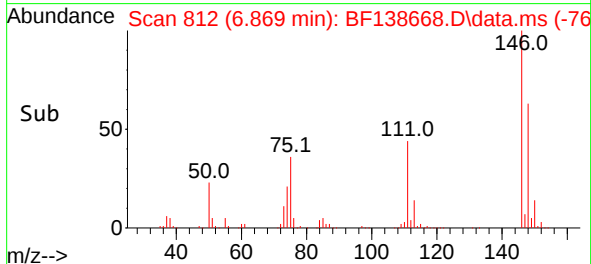
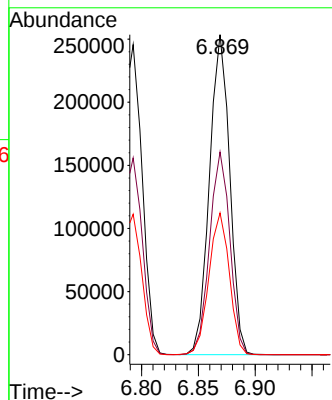
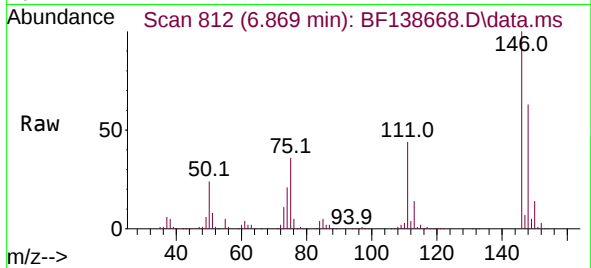
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 31477
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
111 44.3 34.9 52.3

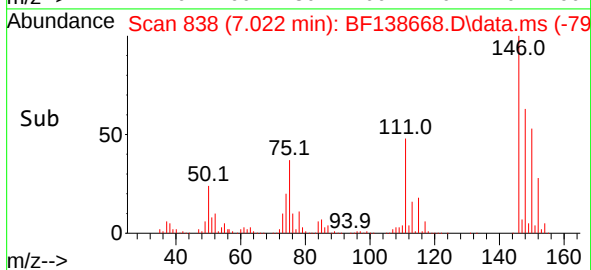
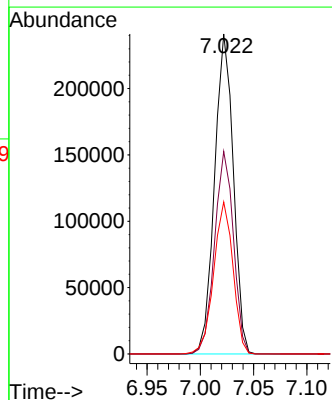
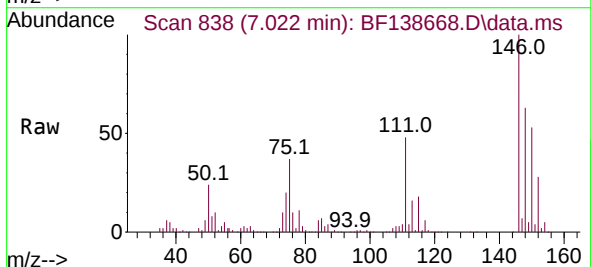
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#14
1,2-Dichlorobenzene
Concen: 39.704 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:146 Resp: 295349
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 47.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 40.119 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 265040

Ion Ratio Lower Upper

79 100

108 69.5 54.3 81.5

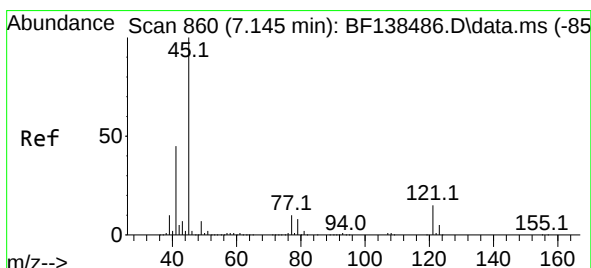
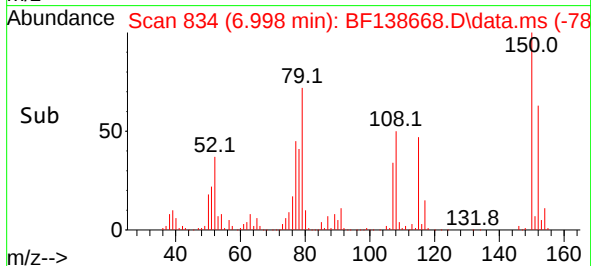
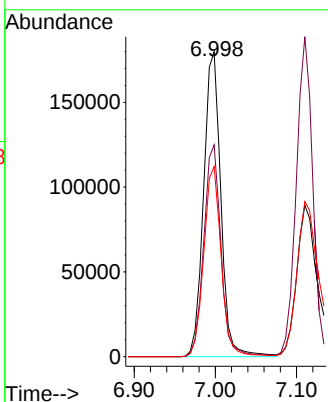
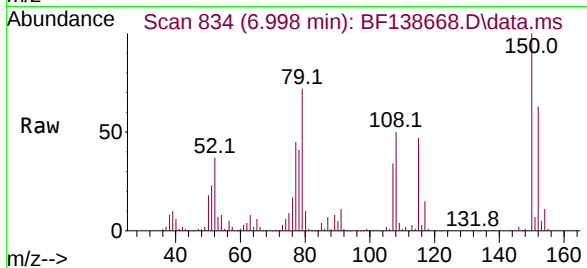
77 62.4 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.444 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.017 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

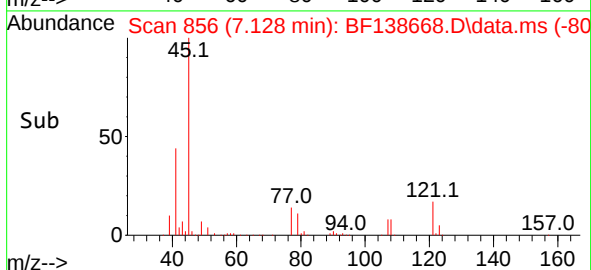
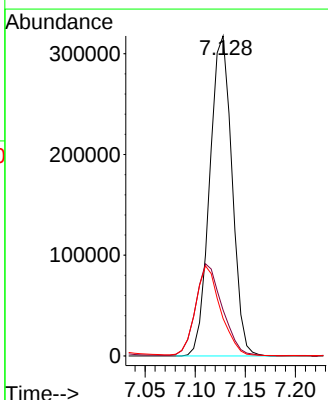
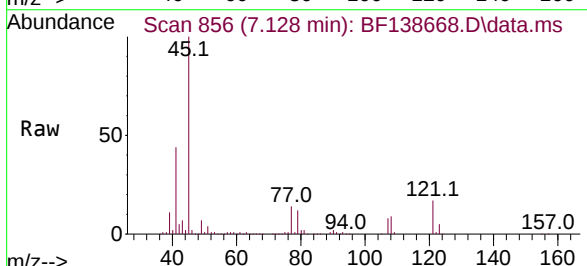
Tgt Ion: 45 Resp: 490363

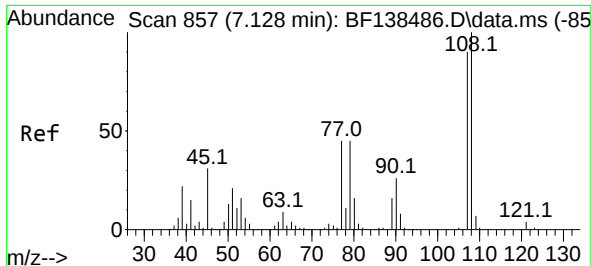
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.4

79 11.7 0.0 28.1





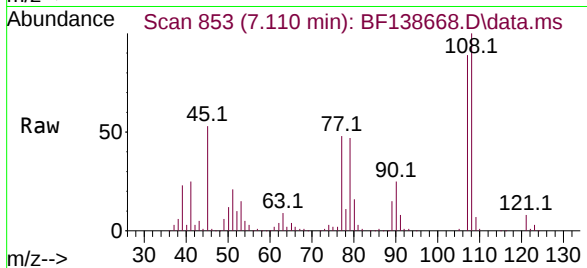
#17
2-Methylphenol
Concen: 41.483 ng
RT: 7.110 min Scan# 810
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



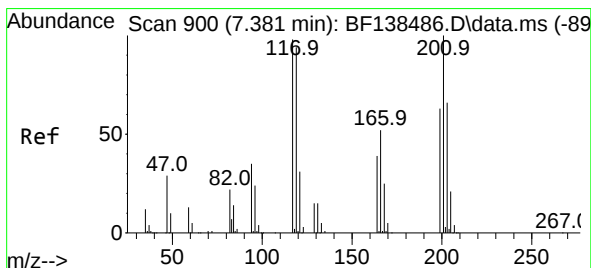
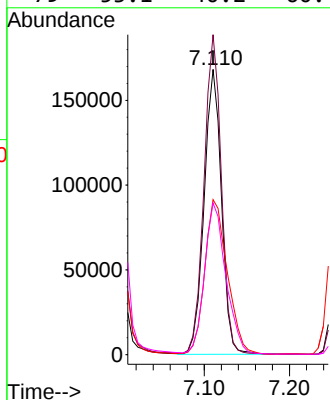
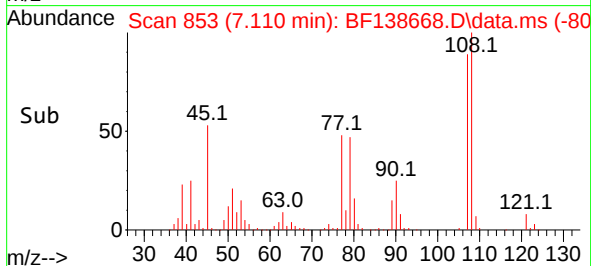
Tgt Ion:107 Resp: 237889
Ion Ratio Lower Upper
107 100
108 112.2 89.0 133.4
77 54.3 40.3 60.5
79 53.1 40.2 60.4

Manual Integrations

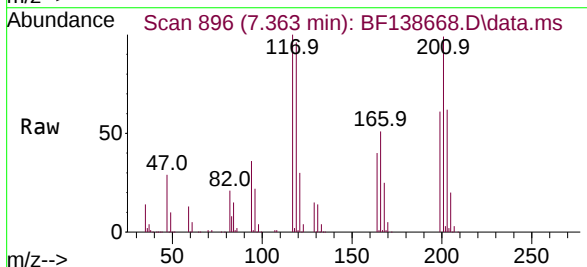
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

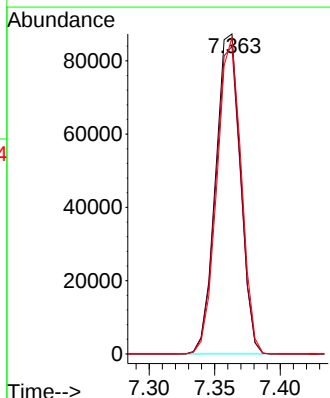
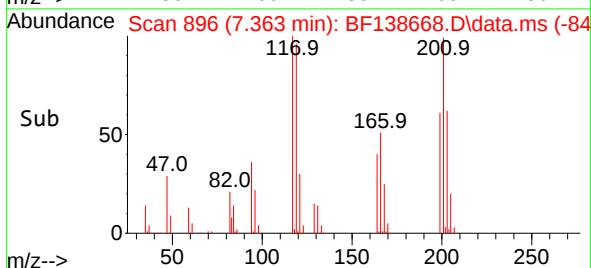
Supervised By :mohammad ahmed 07/31/2024

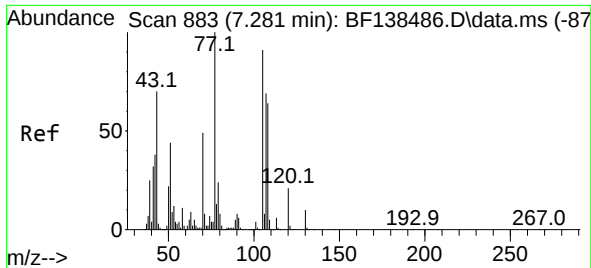


#18
Hexachloroethane
Concen: 39.182 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:117 Resp: 115048
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 98.8 81.4 122.0





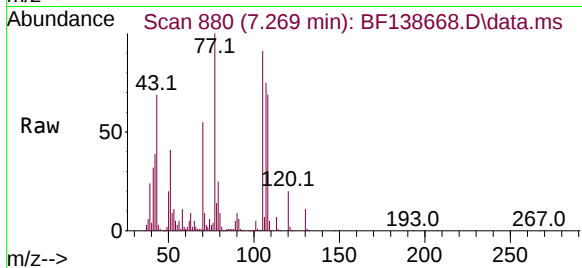
#19
n-Nitroso-di-n-propylamine
Concen: 38.988 ng
RT: 7.269 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



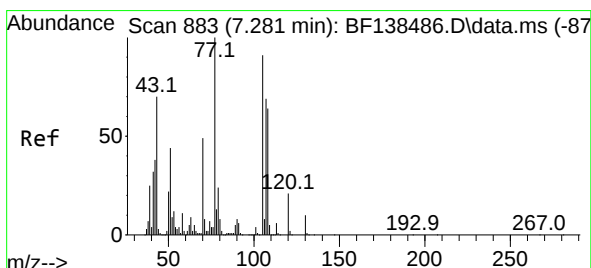
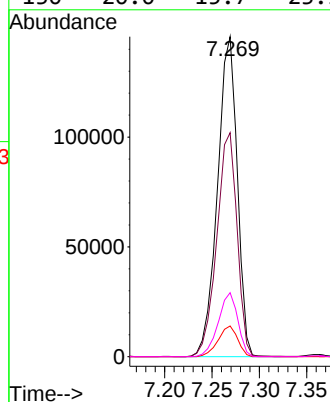
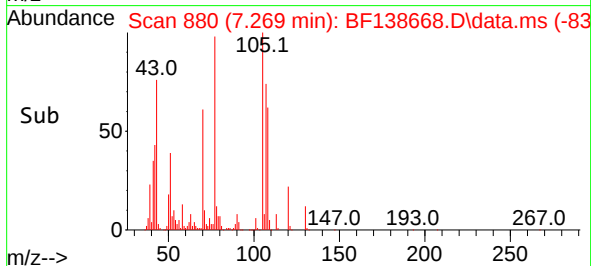
Tgt Ion: 70 Resp: 212070
Ion Ratio Lower Upper
70 100
42 70.0 62.4 93.6
101 9.6 7.2 10.8
130 20.0 15.7 23.5

Manual Integrations

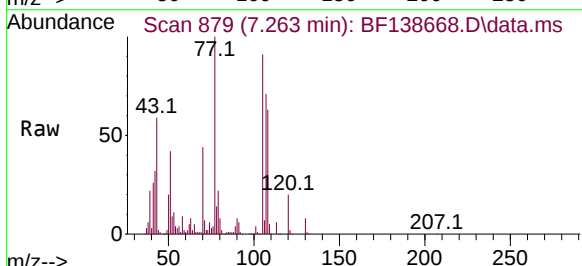
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

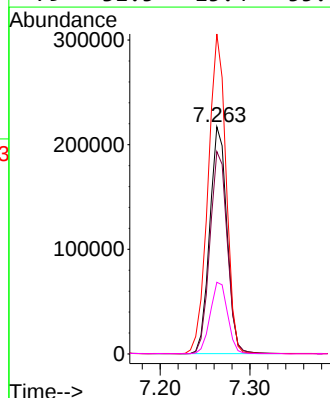
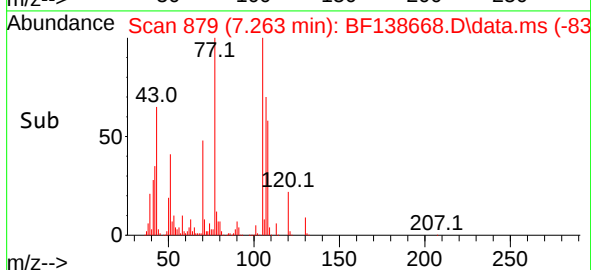
Supervised By :mohammad ahmed 07/31/2024

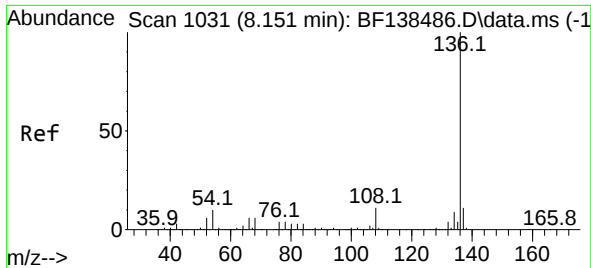


#20
3+4-Methylphenols
Concen: 40.164 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:107 Resp: 290044
Ion Ratio Lower Upper
107 100
108 89.1 73.7 113.7
77 140.9 126.0 166.0
79 31.5 15.4 55.4





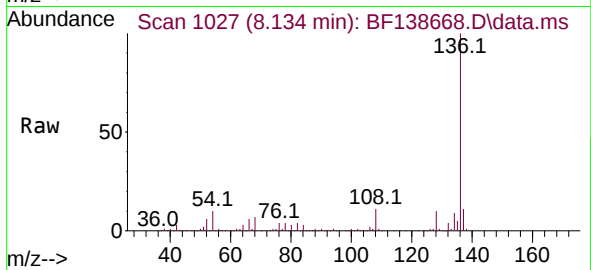
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



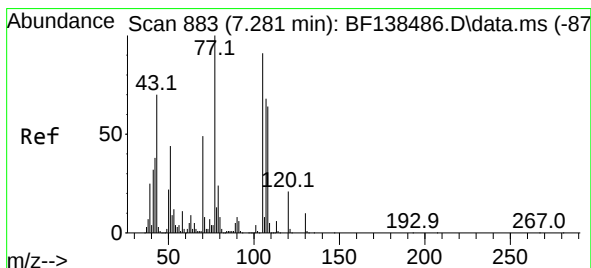
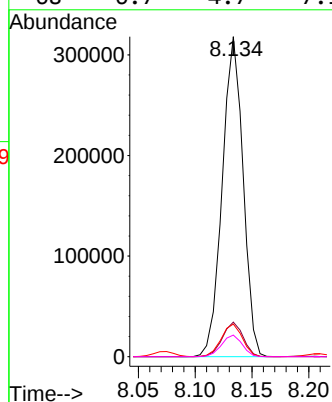
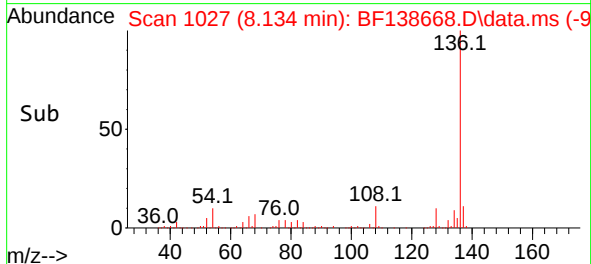
Tgt Ion:136 Resp: 405768
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.2 8.1 12.1
68 6.7 4.7 7.1

Manual Integrations

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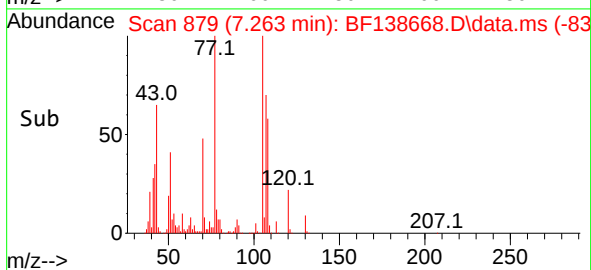
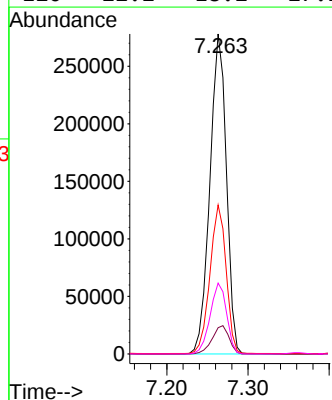
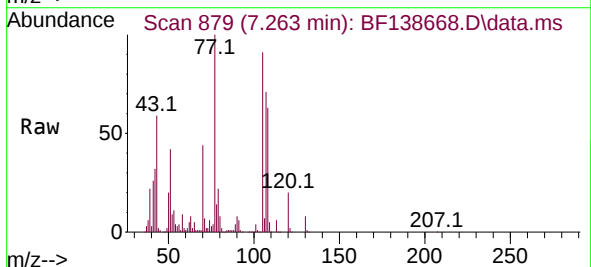
Reviewed By :Yogesh Patel 07/30/2024

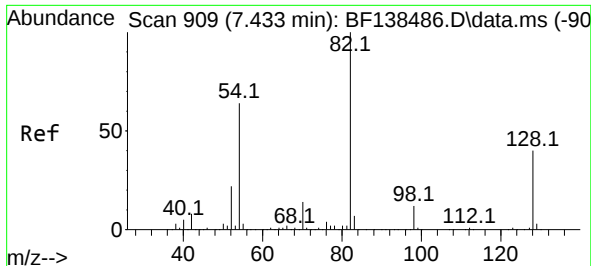
Supervised By :mohammad ahmed 07/31/2024



#22
Acetophenone
Concen: 39.782 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:105 Resp: 392047
Ion Ratio Lower Upper
105 100
71 8.2 7.4 11.2
51 46.5 38.7 58.1
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 81.810 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

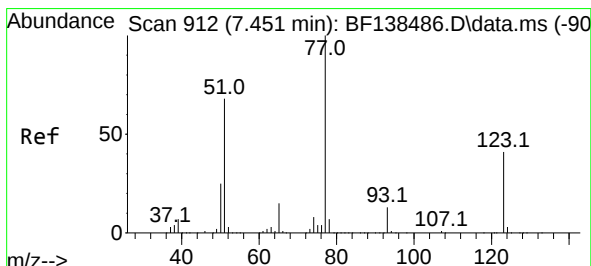
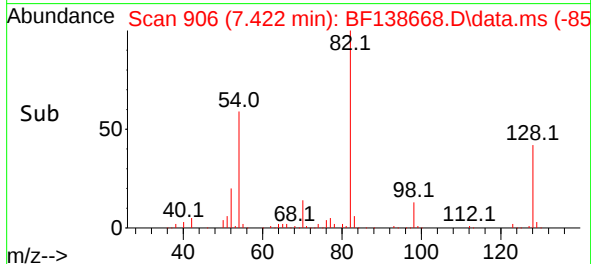
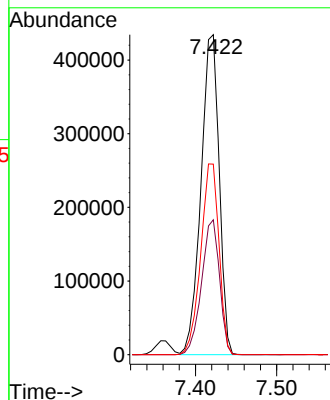
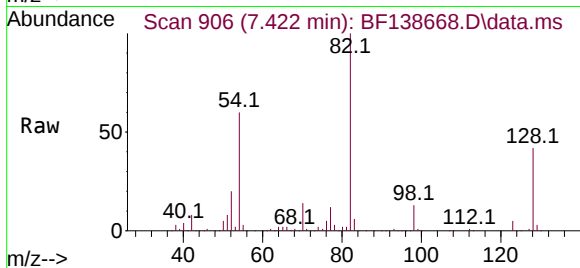
SSTDCCC040

Tgt Ion: 82 Resp: 676120
 Ion Ratio Lower Upper
 82 100
 128 42.2 32.3 48.5
 54 59.5 51.4 77.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#24

Nitrobenzene

Concen: 40.250 ng

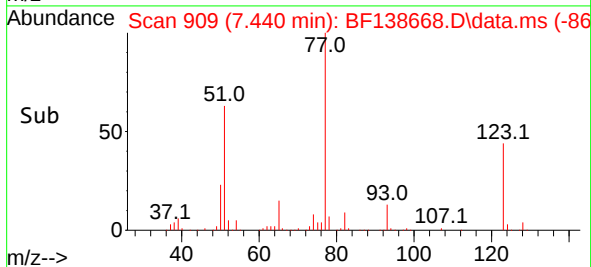
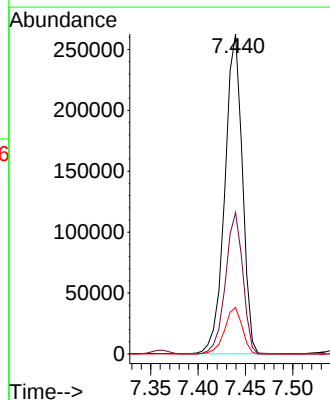
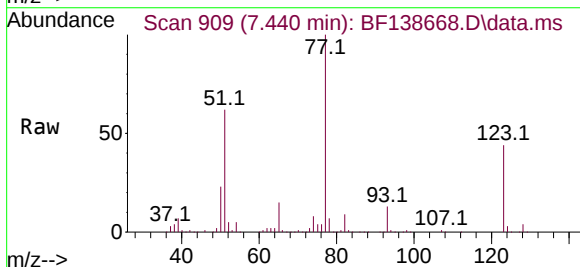
RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

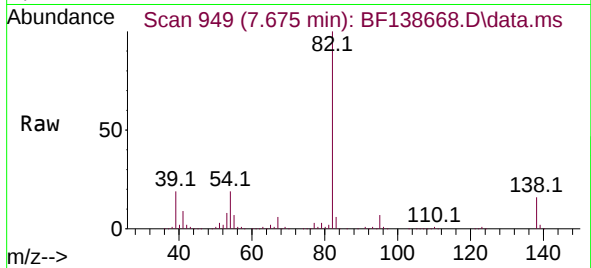
Tgt Ion: 77 Resp: 338039
 Ion Ratio Lower Upper
 77 100
 123 44.2 32.4 48.6
 65 14.5 11.8 17.8





#25
Isophorone
Concen: 40.061 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

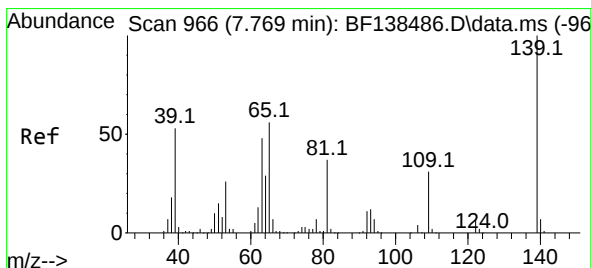
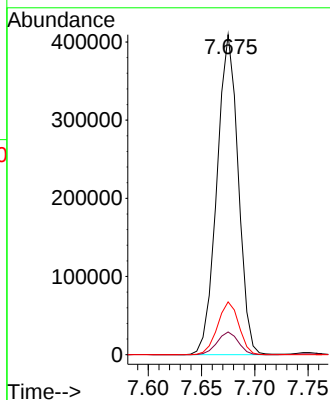
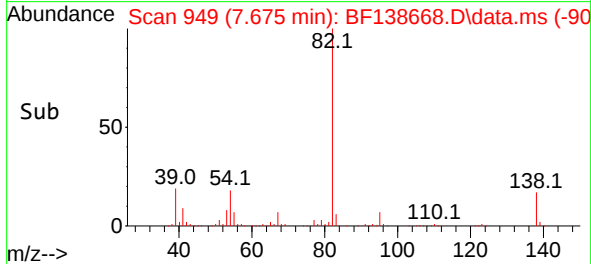
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



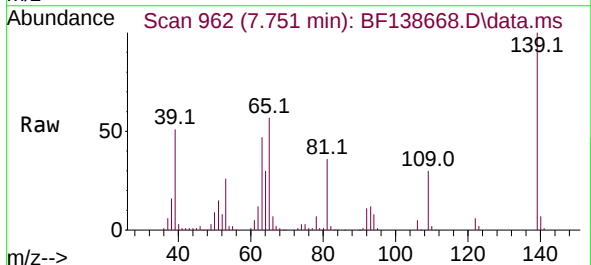
Tgt Ion: 82 Resp: 56857
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.5 12.8 19.2

Manual Integrations
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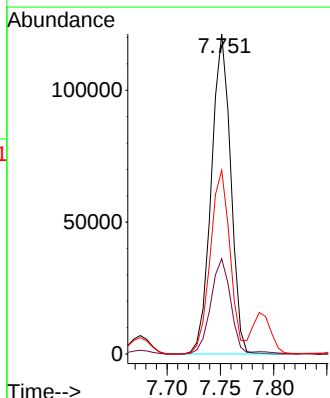
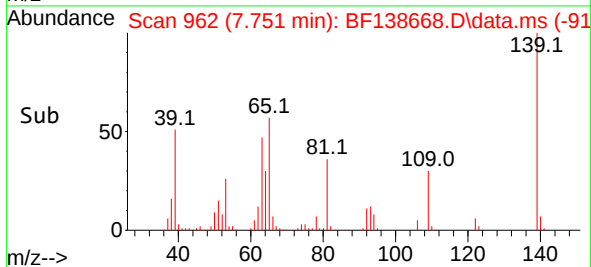
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

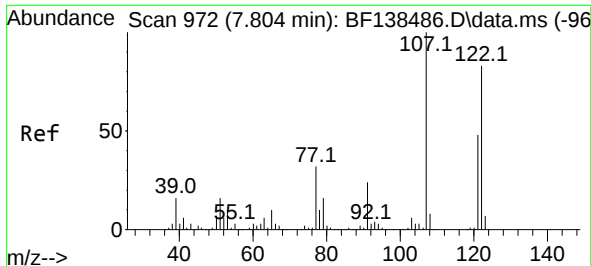


#26
2-Nitrophenol
Concen: 42.533 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:139 Resp: 153103
Ion Ratio Lower Upper
139 100
109 29.8 24.8 37.2
65 57.4 45.1 67.7





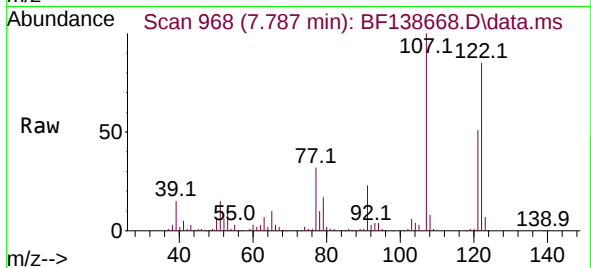
#27
2,4-Dimethylphenol
Concen: 41.048 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



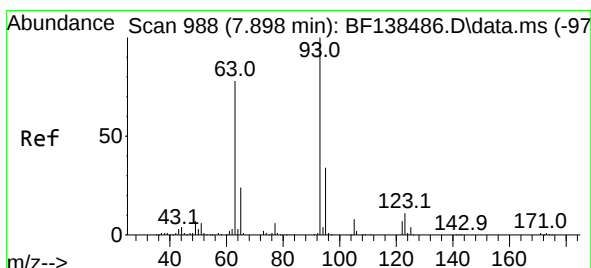
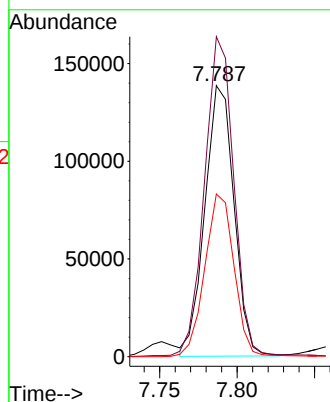
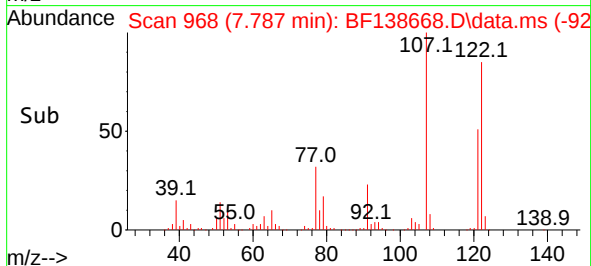
Tgt Ion:122 Resp: 18160
Ion Ratio Lower Upper
122 100
107 118.0 96.3 144.5
121 60.0 46.7 70.1

Manual Integrations

APPROVED

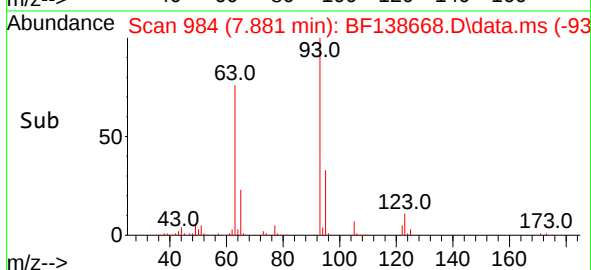
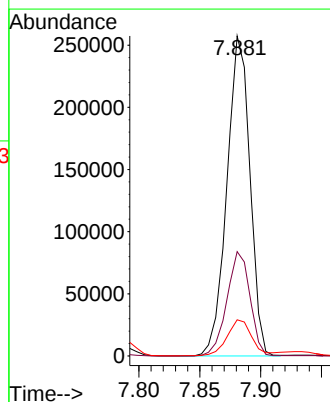
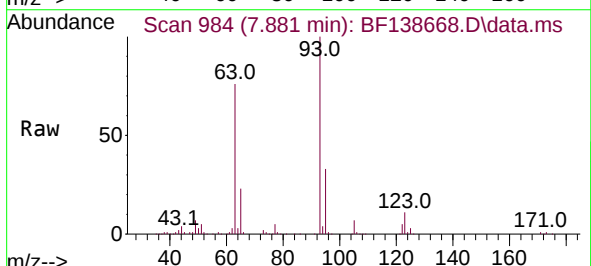
Reviewed By :Yogesh Patel 07/30/2024

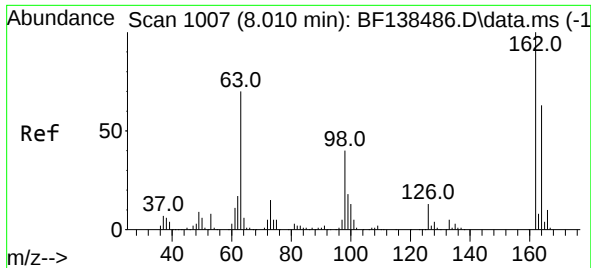
Supervised By :mohammad ahmed 07/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.019 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion: 93 Resp: 339448
Ion Ratio Lower Upper
93 100
95 32.6 27.0 40.6
123 11.3 9.1 13.7





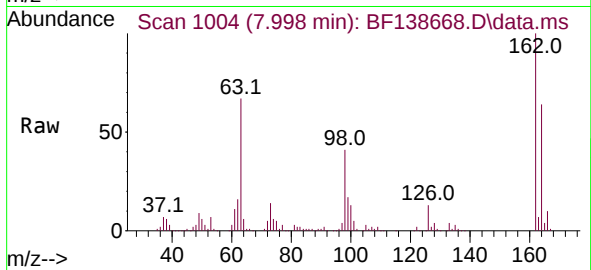
#29
2,4-Dichlorophenol
Concen: 39.717 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



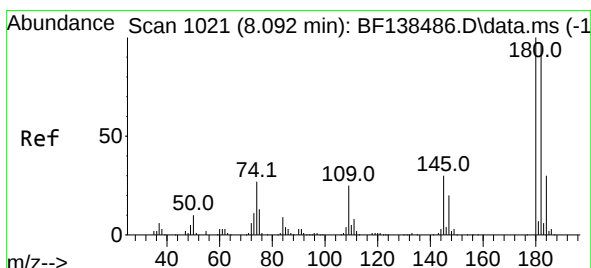
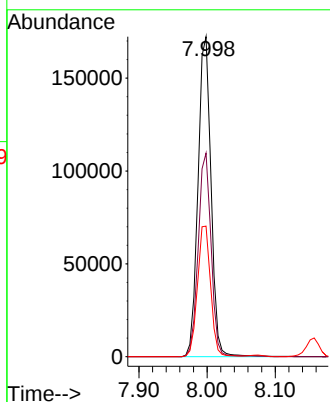
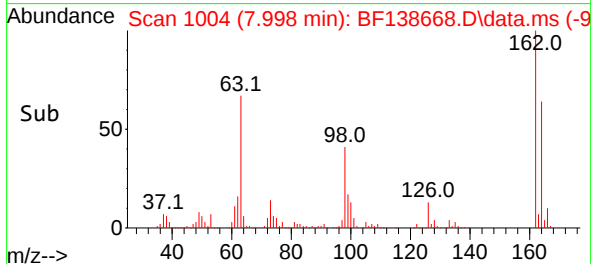
Tgt Ion:162 Resp: 228178
Ion Ratio Lower Upper
162 100
164 63.6 42.6 82.6
98 40.8 20.1 60.1

Manual Integrations

APPROVED

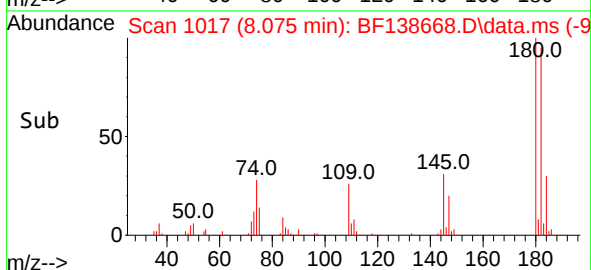
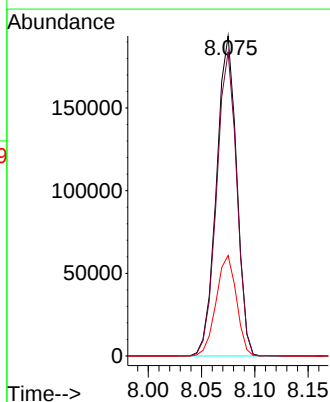
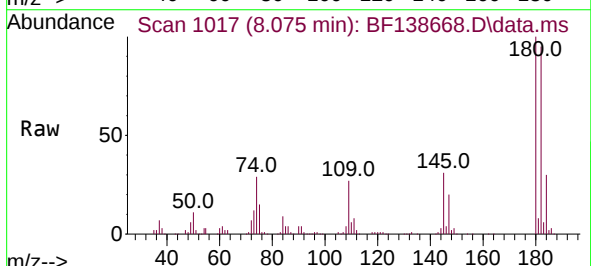
Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#30
1,2,4-Trichlorobenzene
Concen: 37.968 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:180 Resp: 254112
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 31.4 23.9 35.9





#31
Naphthalene
Concen: 40.256 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

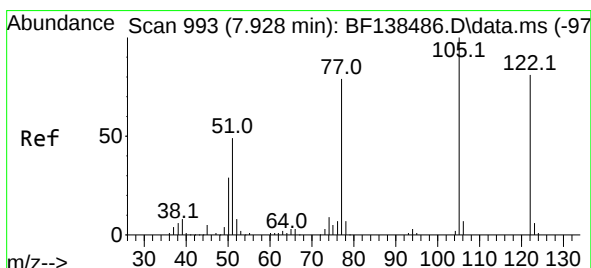
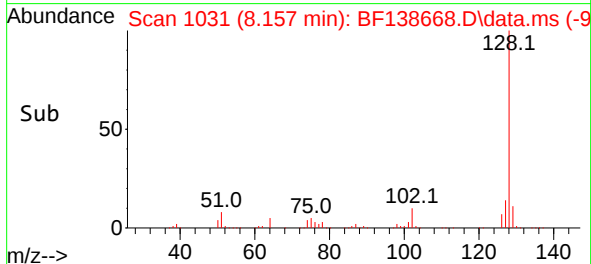
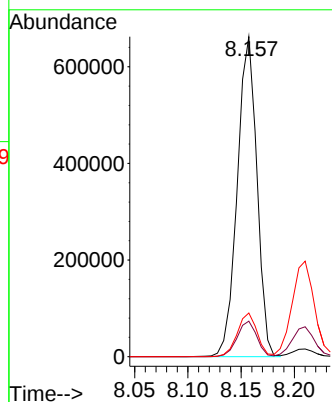
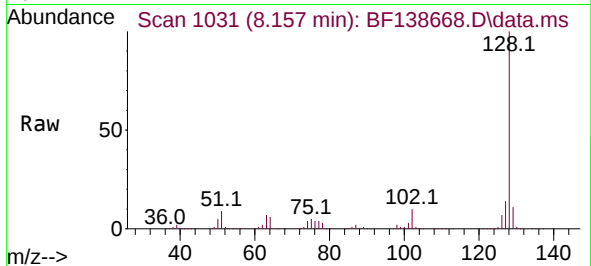
SSTDCCC040

Tgt Ion:128 Resp: 849529
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.7 16.1

Manual Integrations

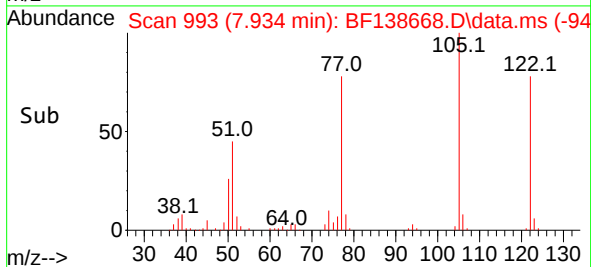
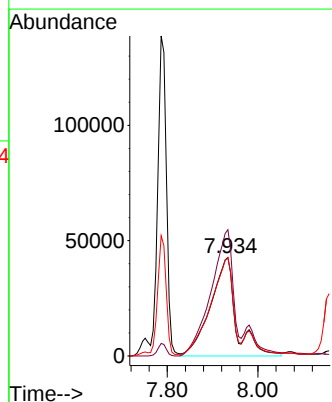
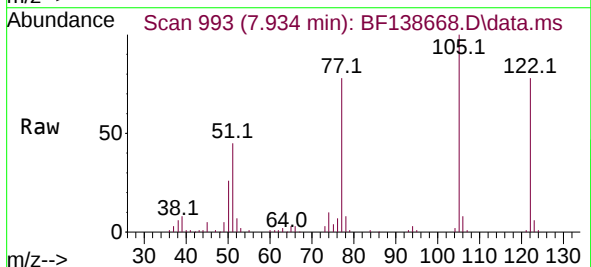
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#32
Benzoic acid
Concen: 39.821 ng m
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:122 Resp: 168030
Ion Ratio Lower Upper
122 100
105 128.2 101.5 141.5
77 100.0 77.3 117.3





#33
4-Chloroaniline
Concen: 39.748 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

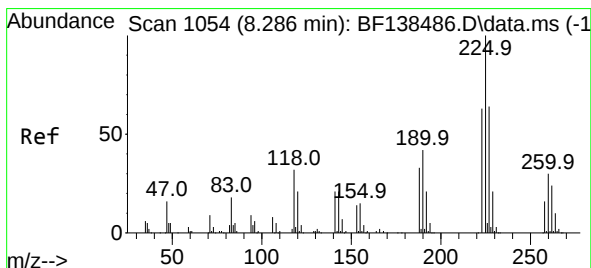
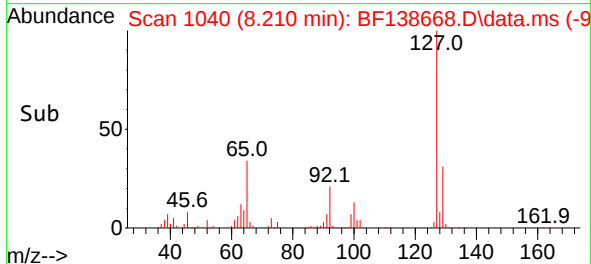
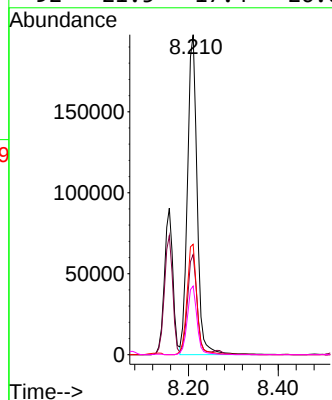
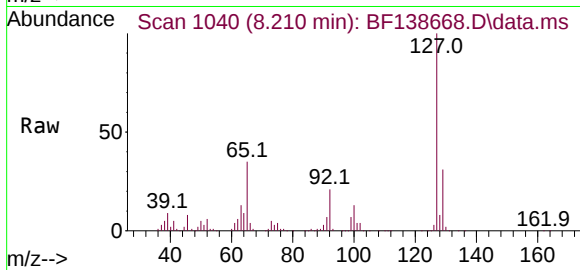
Tgt Ion:127 Resp: 294314
Ion Ratio Lower Upper
127 100
129 31.3 25.6 38.4
65 34.5 29.6 44.4
92 21.5 17.4 26.0

Manual Integrations

APPROVED

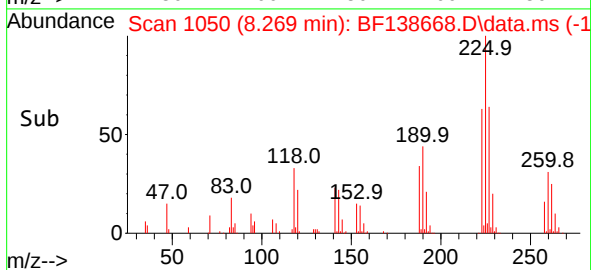
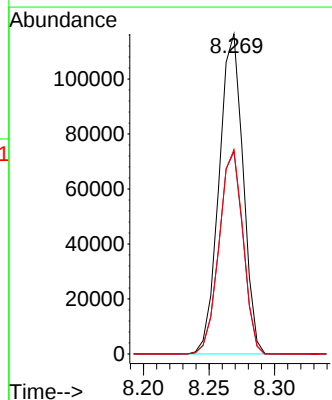
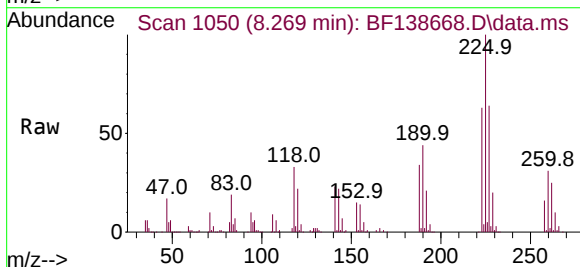
Reviewed By :Yogesh Patel 07/30/2024

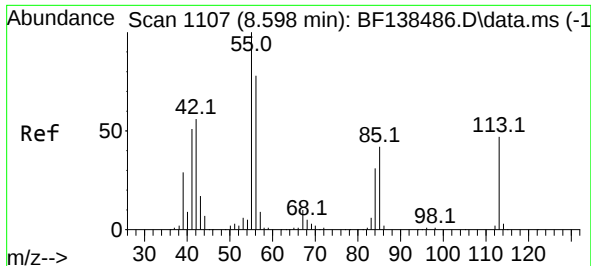
Supervised By :mohammad ahmed 07/31/2024



#34
Hexachlorobutadiene
Concen: 35.874 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

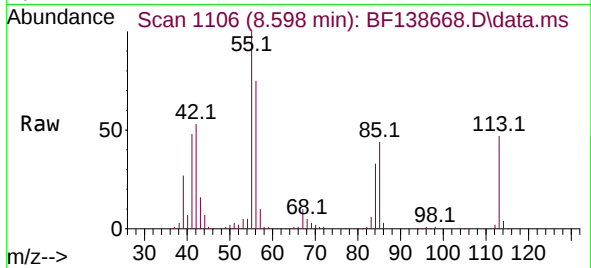
Tgt Ion:225 Resp: 147849
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 63.9 51.0 76.6





#35
Caprolactam
Concen: 43.257 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

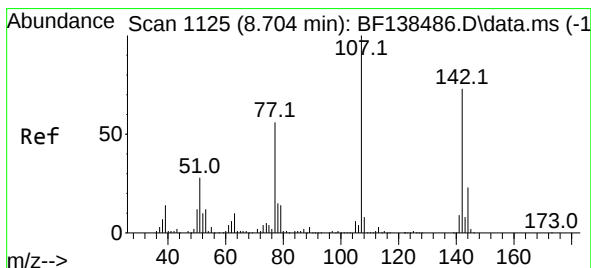
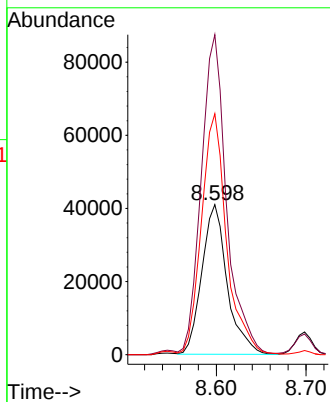
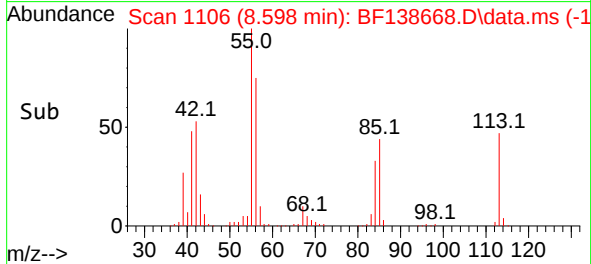
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 80194
Ion Ratio Lower Upper
113 100
55 213.2 192.5 232.5
56 160.5 145.3 185.3

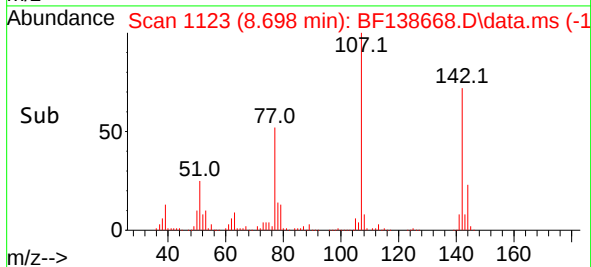
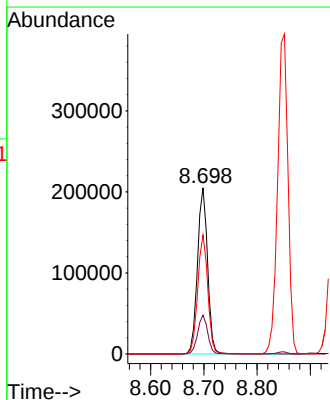
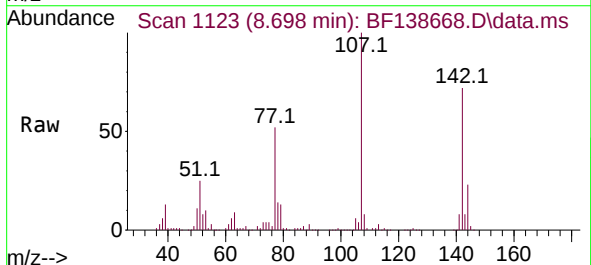
Manual Integrations
APPROVED

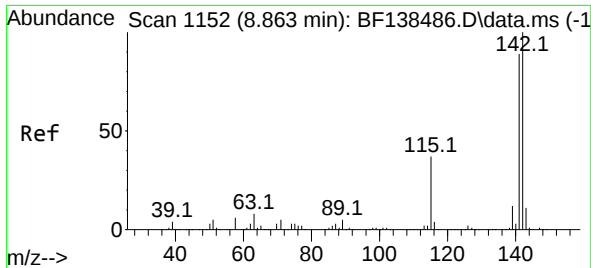
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#36
4-Chloro-3-methylphenol
Concen: 41.915 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:107 Resp: 269593
Ion Ratio Lower Upper
107 100
144 23.3 18.6 27.8
142 71.7 58.6 88.0





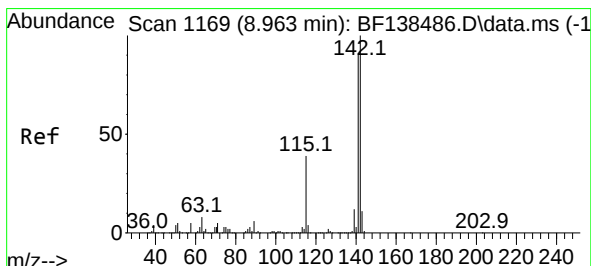
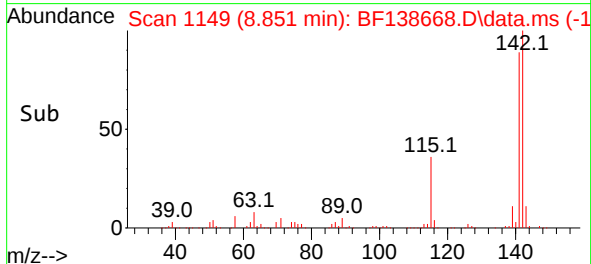
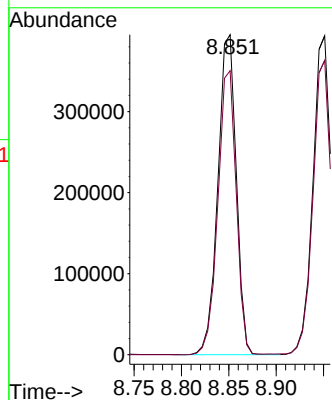
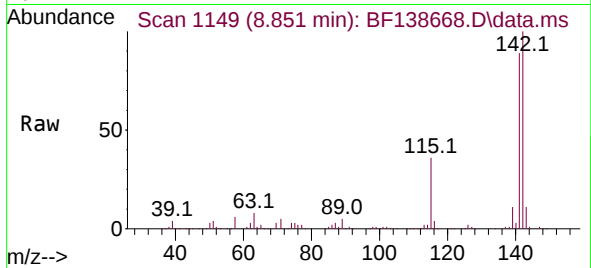
#37
2-Methylnaphthalene
Concen: 39.285 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 53351
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

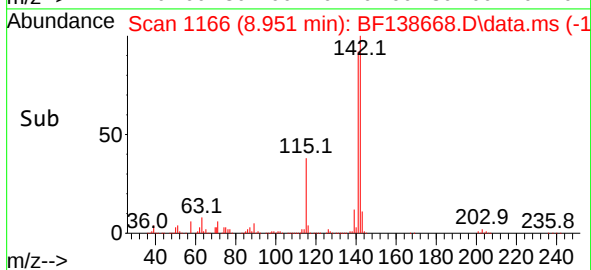
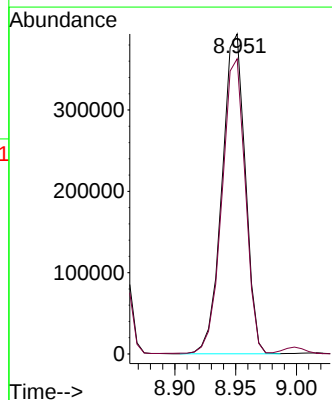
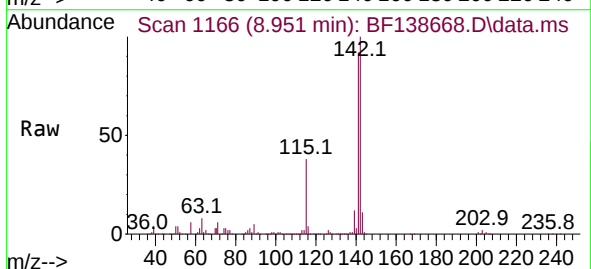
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#38
1-Methylnaphthalene
Concen: 39.433 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:142 Resp: 522642
Ion Ratio Lower Upper
142 100
141 92.3 72.6 108.8





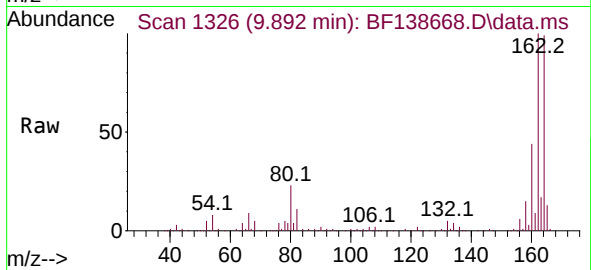
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



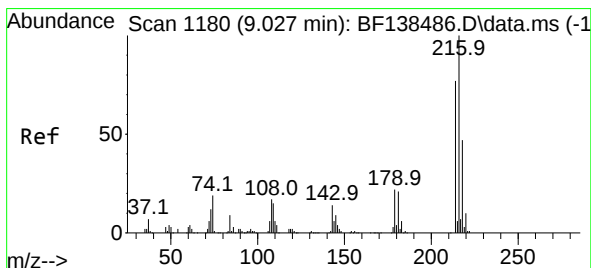
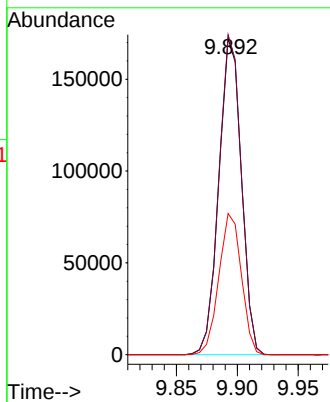
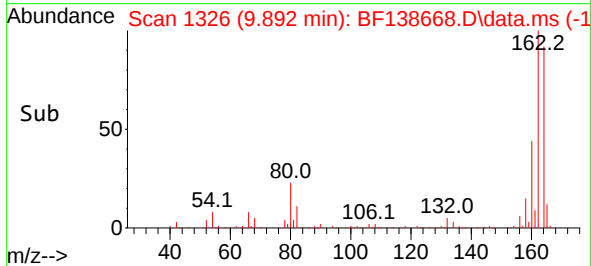
Tgt Ion:164 Resp: 221890
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.6
160 44.7 34.4 51.6

Manual Integrations

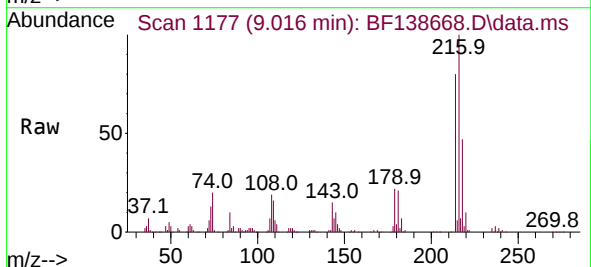
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

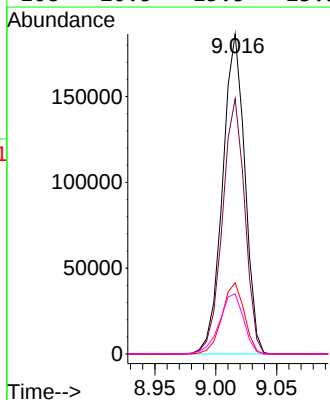
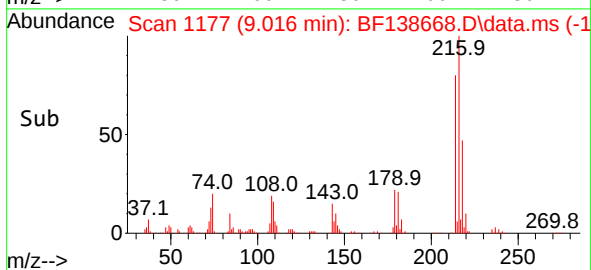
Supervised By :mohammad ahmed 07/31/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.348 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:216 Resp: 237156
Ion Ratio Lower Upper
216 100
214 79.8 62.8 94.2
179 22.2 17.7 26.5
108 20.5 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 39.404 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

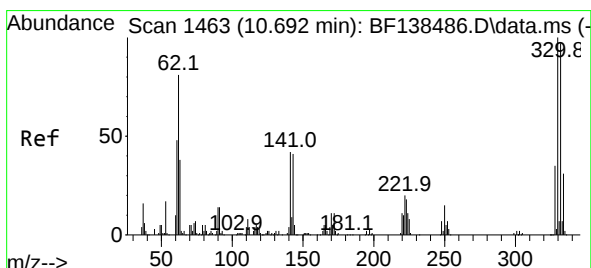
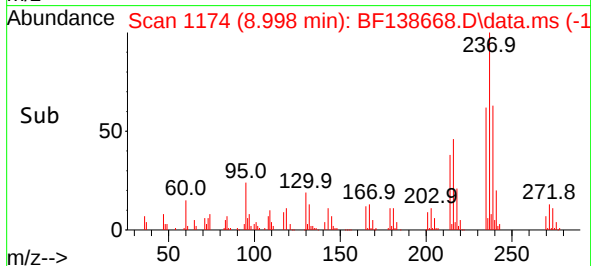
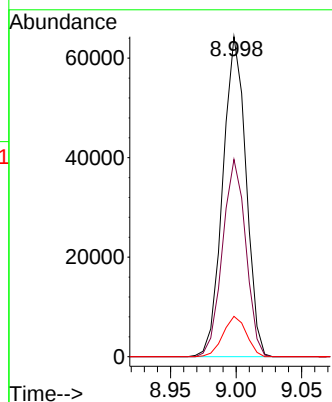
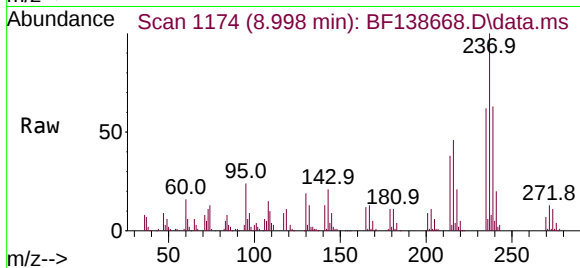
SSTDCCC040

Tgt Ion:237 Resp: 7909
Ion Ratio Lower Upper
237 100
235 61.6 43.3 83.3
272 12.6 0.0 32.3

Manual Integrations

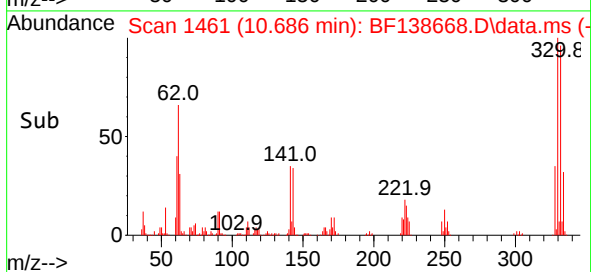
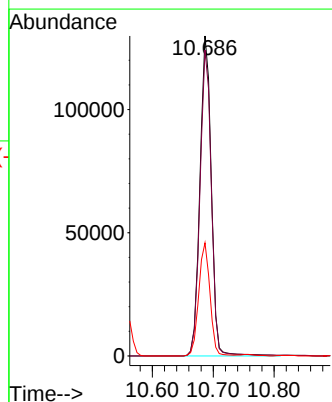
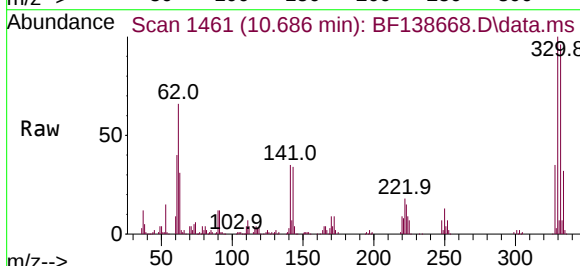
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#42
2,4,6-Tribromophenol
Concen: 81.396 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:330 Resp: 168803
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 35.0 29.4 44.2





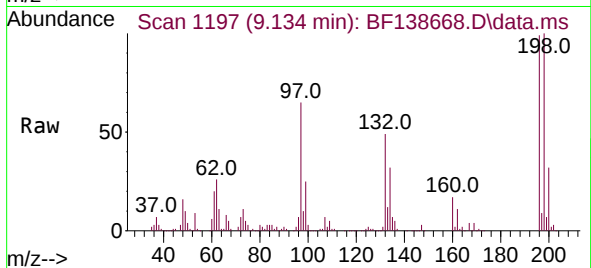
#43
2,4,6-Trichlorophenol
Concen: 39.059 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



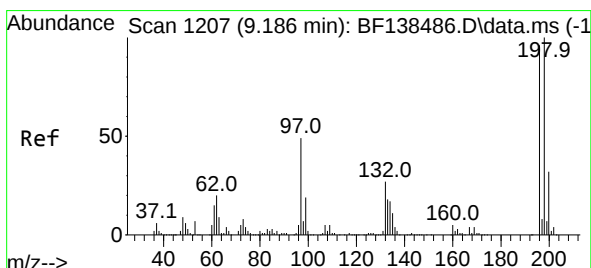
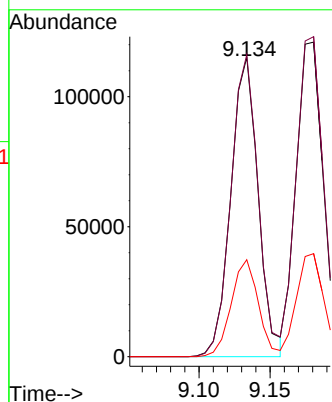
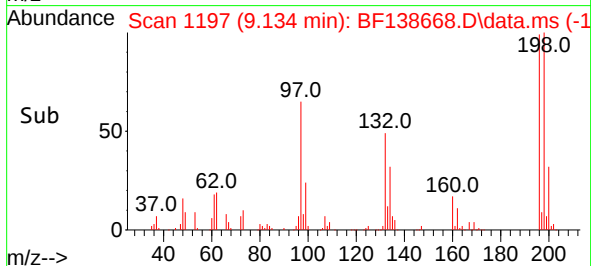
Tgt Ion:196 Resp: 15408
Ion Ratio Lower Upper
196 100
198 100.9 82.3 123.5
200 32.4 25.8 38.6

Manual Integrations

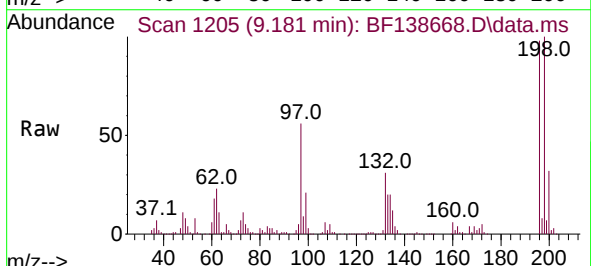
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

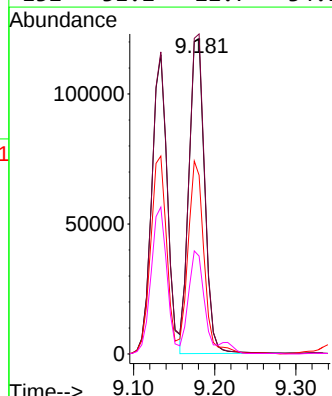
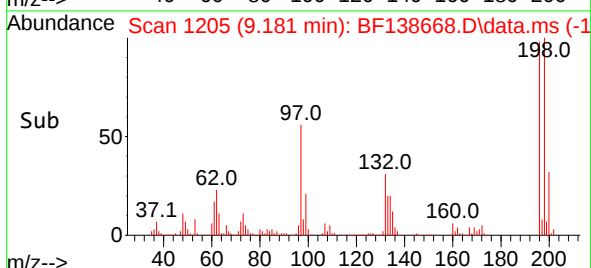
Supervised By :mohammad ahmed 07/31/2024

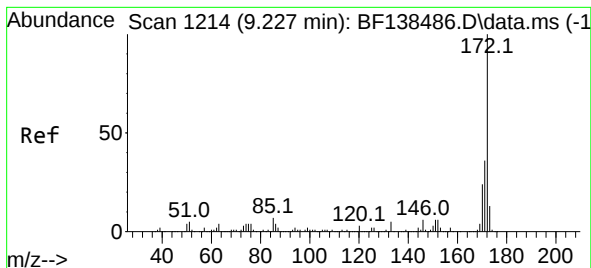


#44
2,4,5-Trichlorophenol
Concen: 37.625 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:196 Resp: 163250
Ion Ratio Lower Upper
196 100
198 101.8 82.8 124.2
97 56.8 41.0 61.4
132 31.2 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.233 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 109652

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

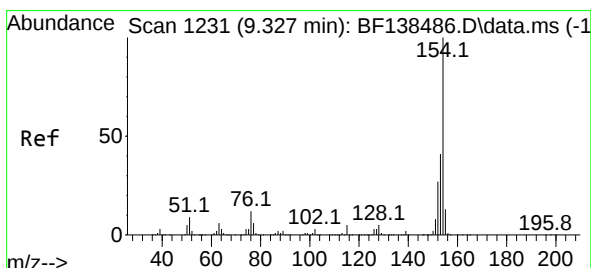
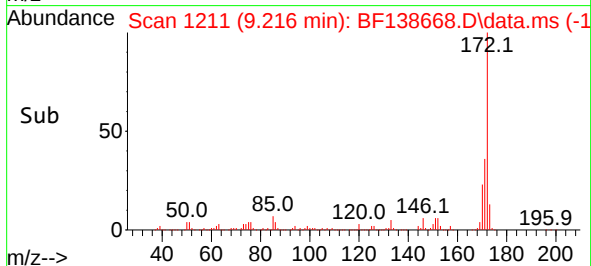
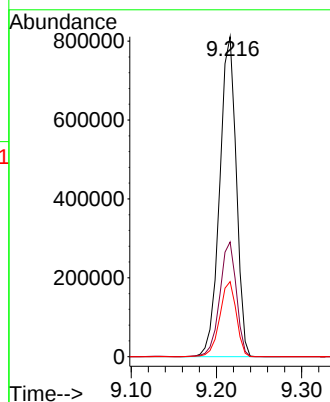
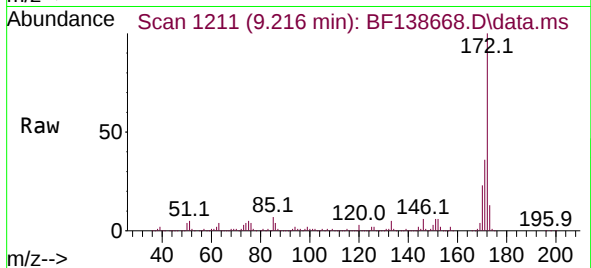
170 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#46

1,1'-Biphenyl

Concen: 39.880 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

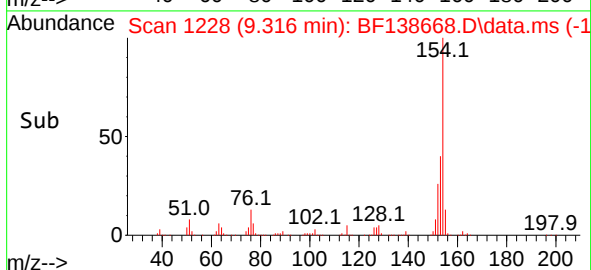
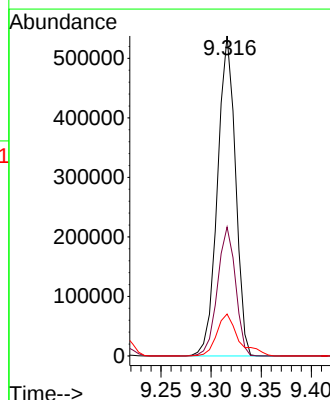
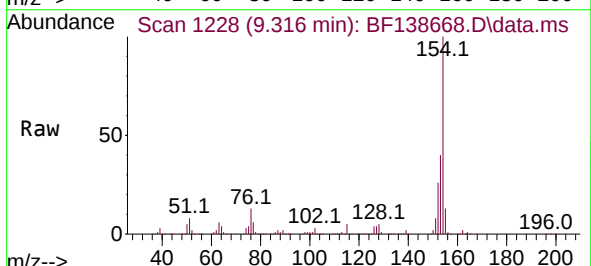
Tgt Ion:154 Resp: 670637

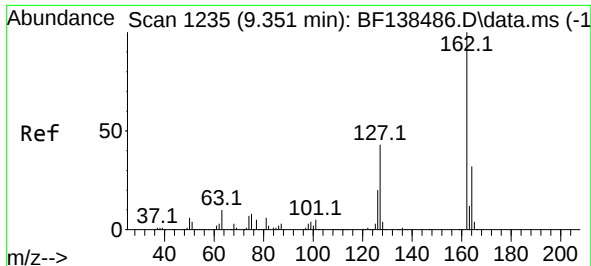
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.802 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 50564

Ion Ratio Lower Upper

162 100

127 43.7 34.8 52.2

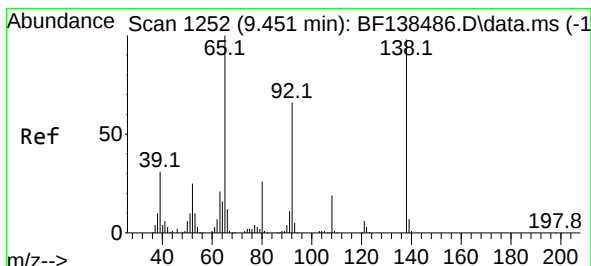
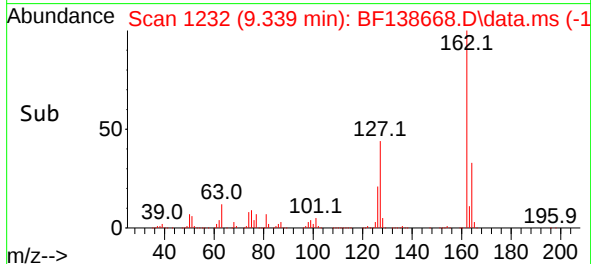
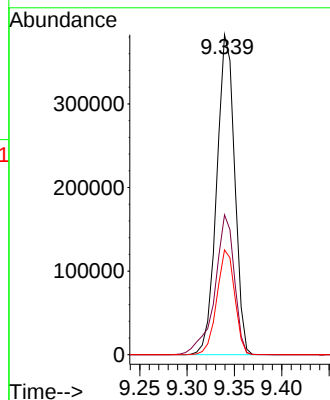
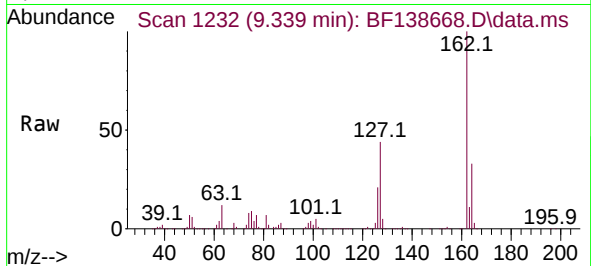
164 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#48

2-Nitroaniline

Concen: 43.503 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

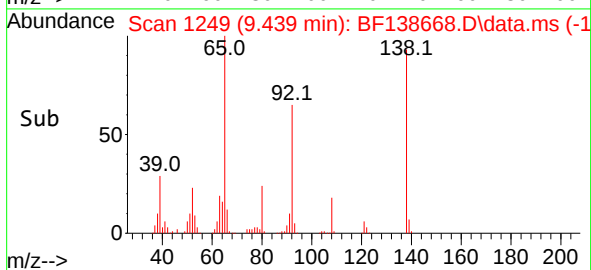
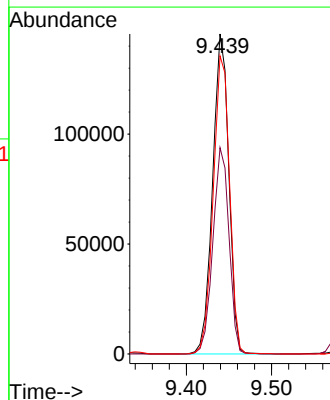
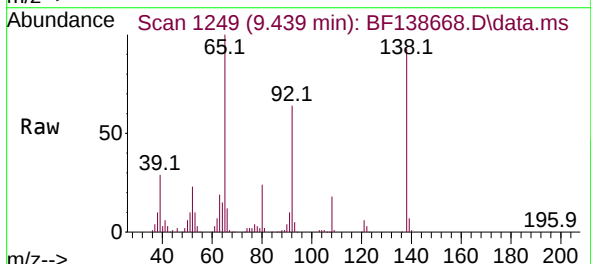
Tgt Ion: 65 Resp: 191514

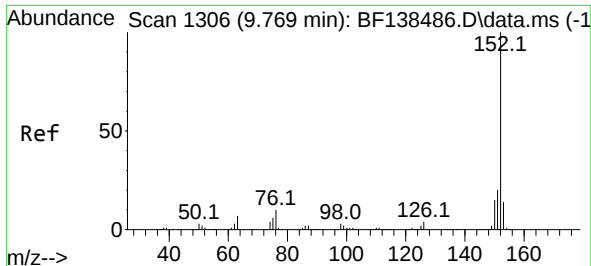
Ion Ratio Lower Upper

65 100

92 64.5 52.6 78.8

138 93.1 78.6 118.0





#49

Acenaphthylene

Concen: 40.367 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 72807

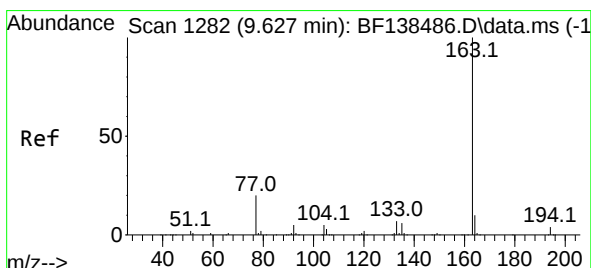
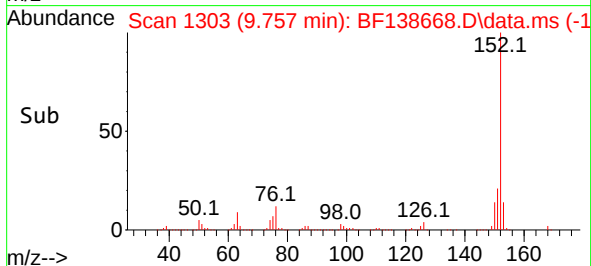
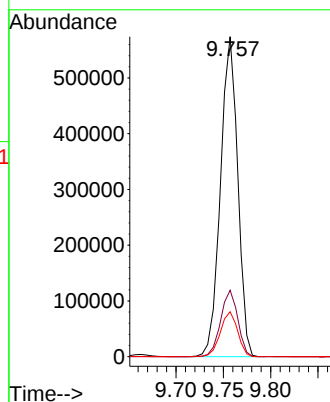
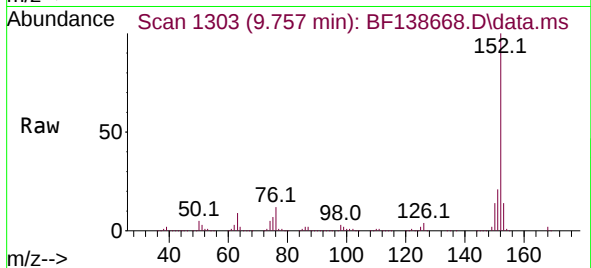
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#50

Dimethylphthalate

Concen: 39.865 ng

RT: 9.622 min Scan# 1280

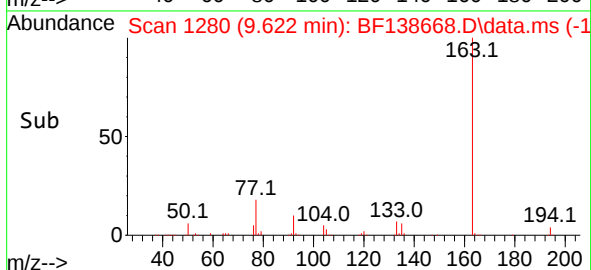
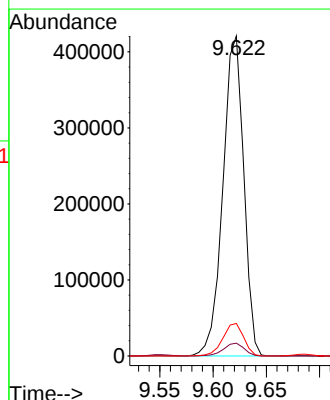
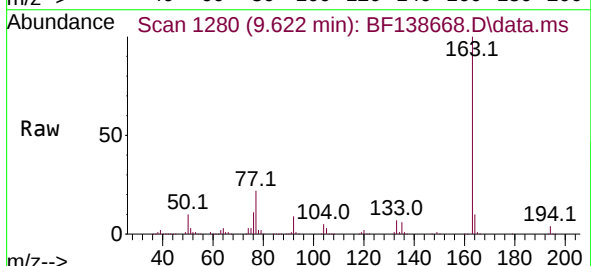
Delta R.T. -0.006 min

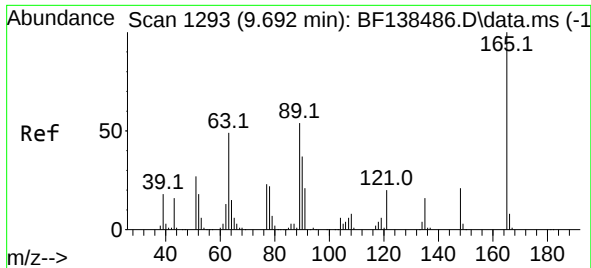
Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Tgt Ion:163 Resp: 571993

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 41.265 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

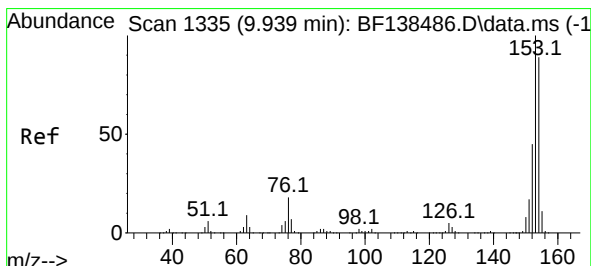
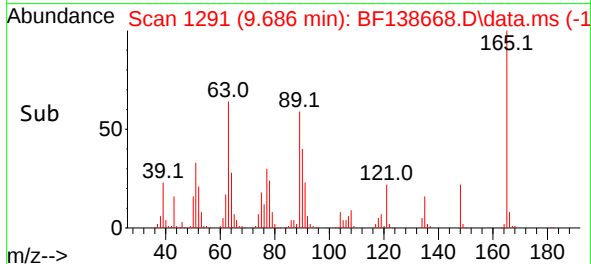
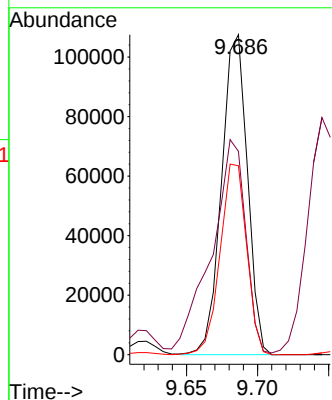
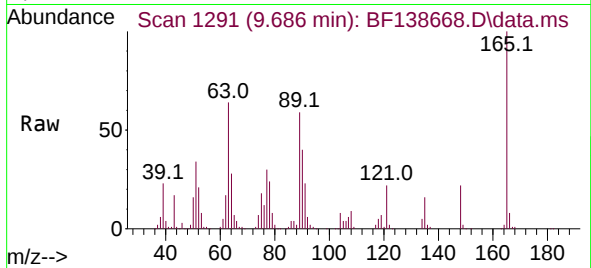
SSTDCCC040

Tgt Ion:165 Resp: 13632
Ion Ratio Lower Upper
165 100
63 63.5 48.1 72.1
89 59.1 43.0 64.6

Manual Integrations

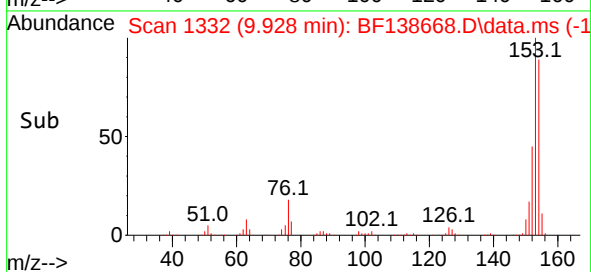
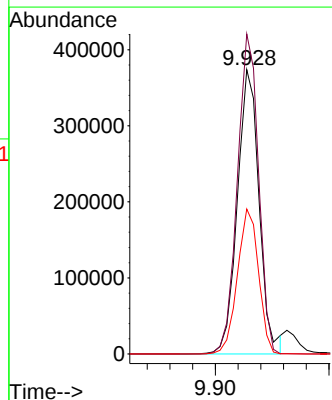
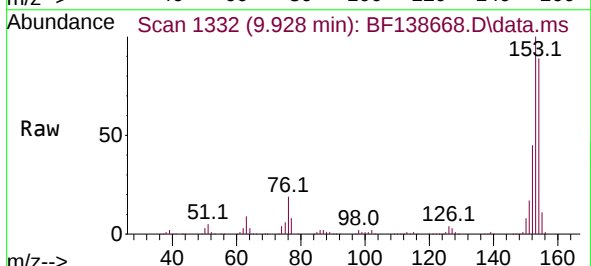
APPROVED

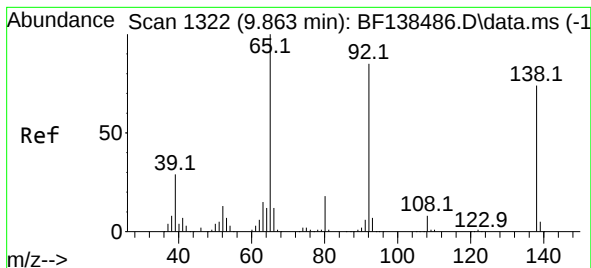
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#52
Acenaphthene
Concen: 41.538 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:154 Resp: 498009
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 51.0 41.1 61.7





#53

3-Nitroaniline

Concen: 41.725 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

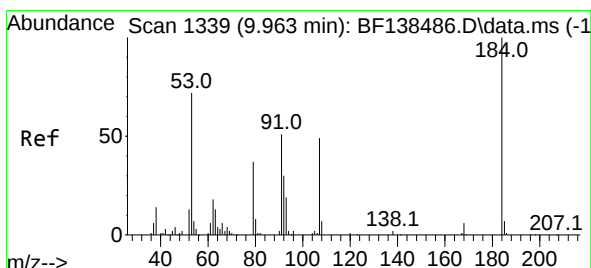
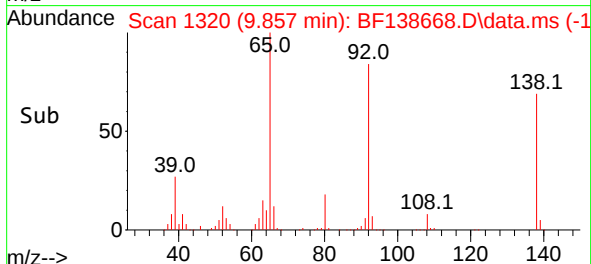
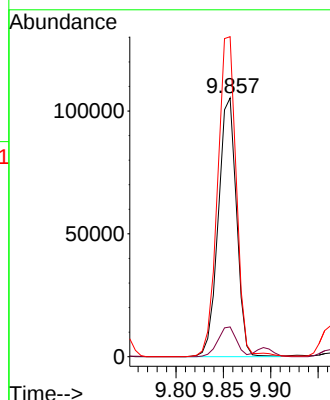
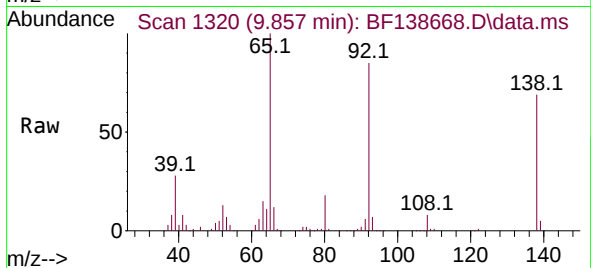
SSTDCCC040

Tgt Ion:138 Resp: 14128
 Ion Ratio Lower Upper
 138 100
 108 11.5 8.3 12.5
 92 123.7 92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#54

2,4-Dinitrophenol

Concen: 37.331 ng

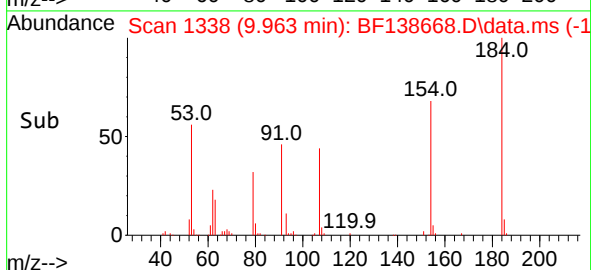
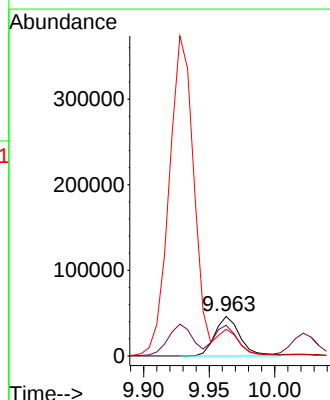
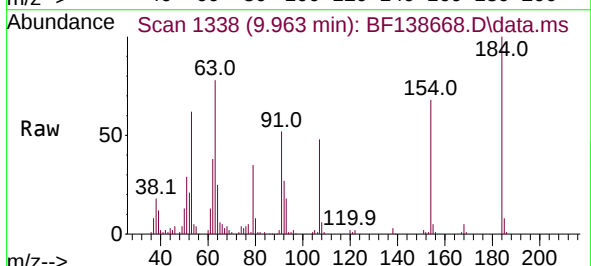
RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Tgt Ion:184 Resp: 61501
 Ion Ratio Lower Upper
 184 100
 63 77.7 70.6 106.0
 154 67.6 53.8 80.6





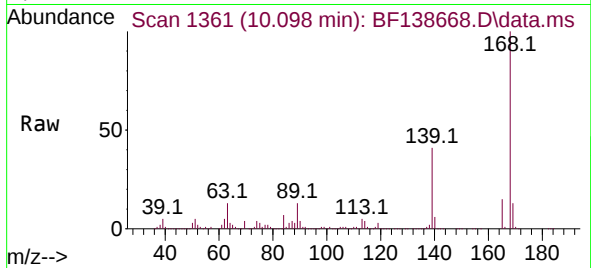
#55
Dibenzenofuran
Concen: 39.890 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



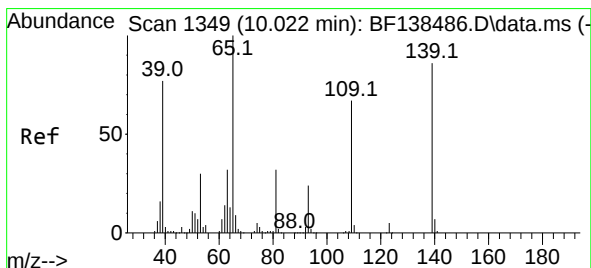
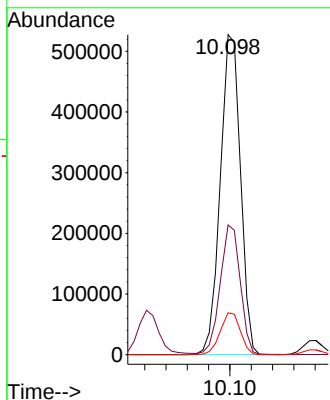
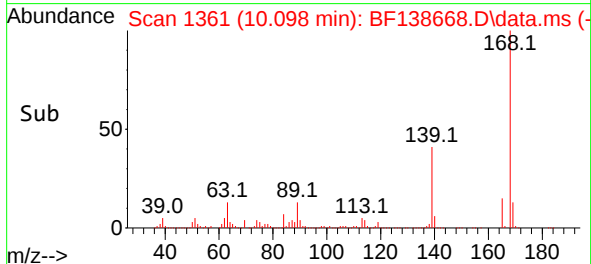
Tgt Ion:168 Resp: 69369
Ion Ratio Lower Upper
168 100
139 40.6 32.4 48.6
169 13.1 10.9 16.3

Manual Integrations

APPROVED

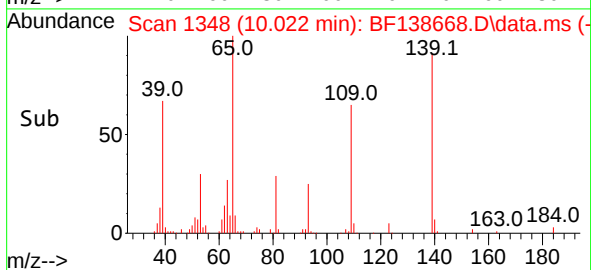
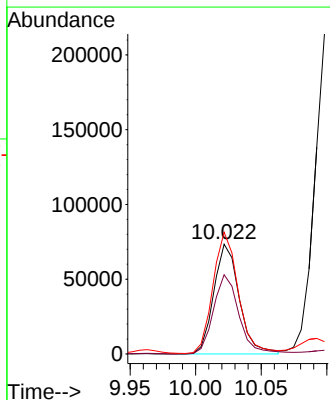
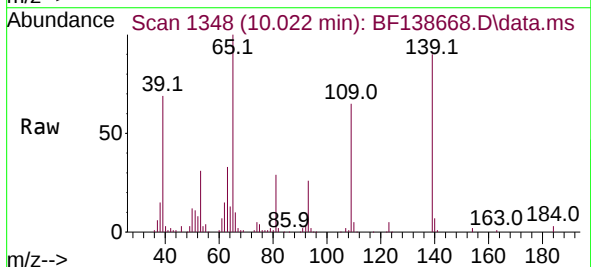
Reviewed By :Yogesh Patel 07/30/2024

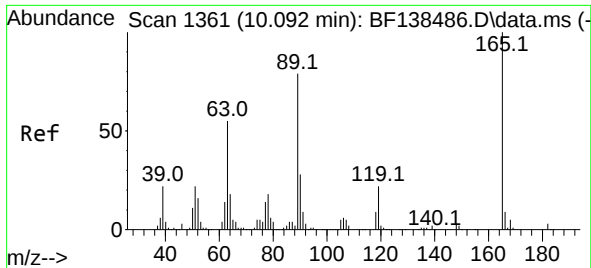
Supervised By :mohammad ahmed 07/31/2024



#56
4-Nitrophenol
Concen: 39.744 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:139 Resp: 99297
Ion Ratio Lower Upper
139 100
109 72.1 58.1 98.1
65 110.9 96.9 136.9





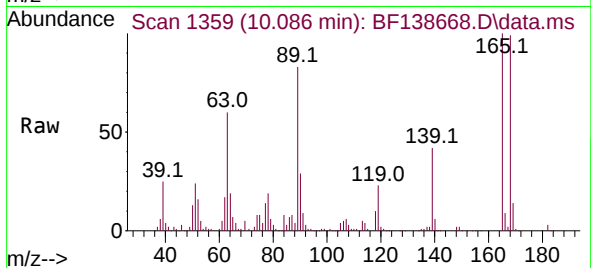
#57
2,4-Dinitrotoluene
Concen: 42.382 ng
RT: 10.086 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



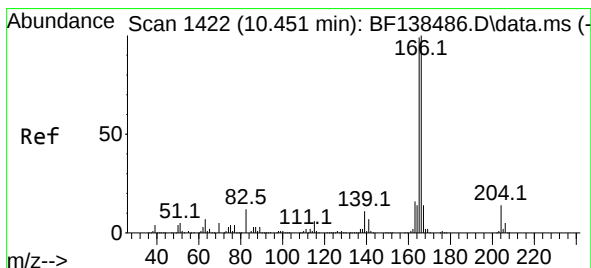
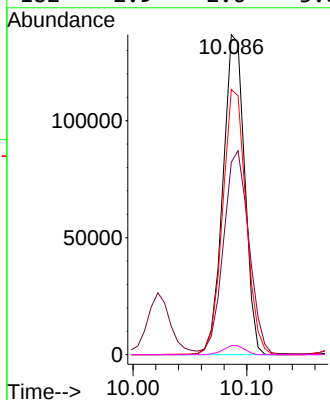
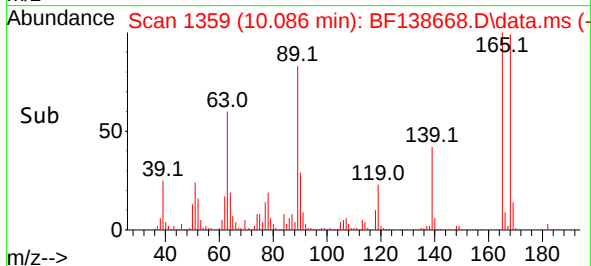
Tgt Ion:165 Resp: 18116
Ion Ratio Lower Upper
165 100
63 60.2 44.6 66.8
89 82.9 63.4 95.2
182 2.9 2.6 3.8

Manual Integrations

APPROVED

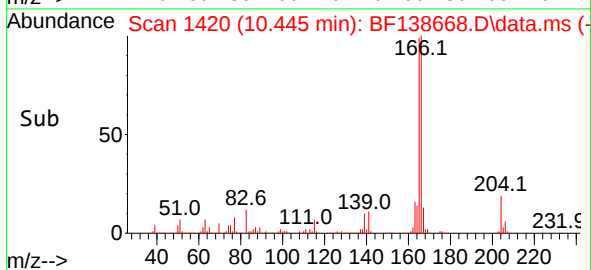
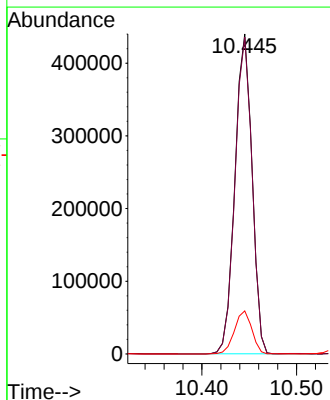
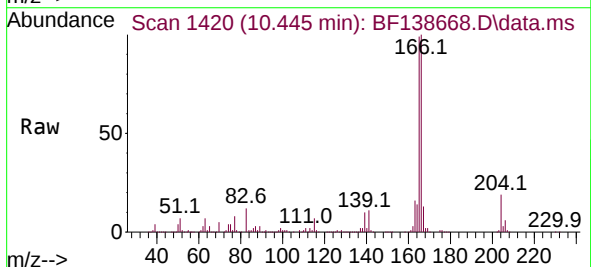
Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#58
Fluorene
Concen: 39.985 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

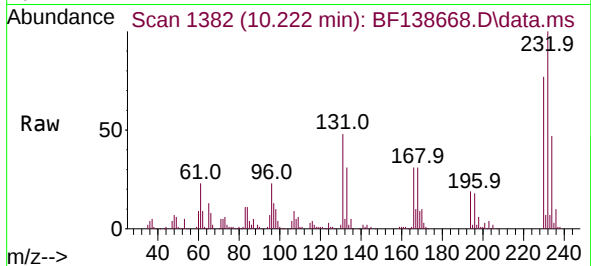
Tgt Ion:166 Resp: 550192
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.556 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

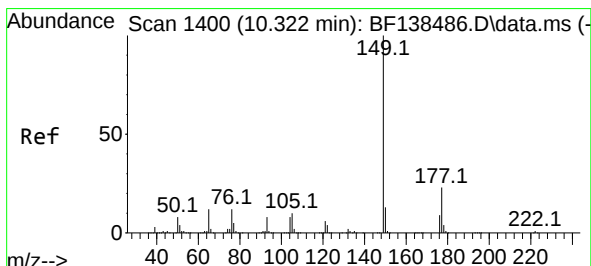
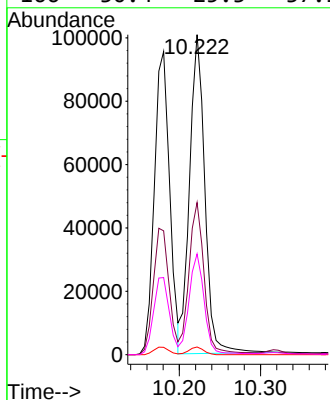
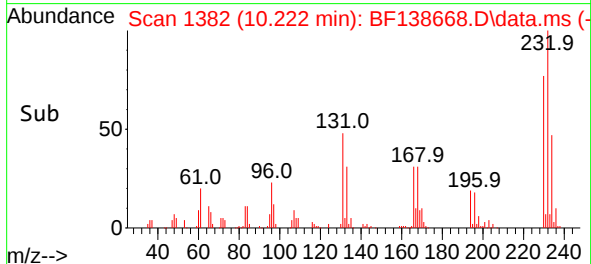
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



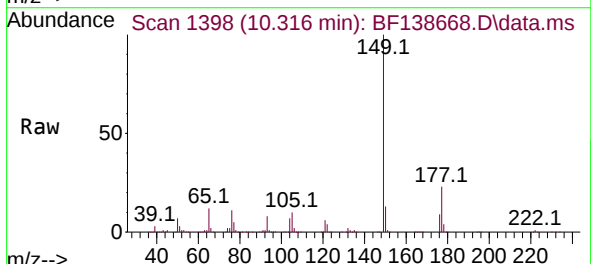
Tgt Ion:232 Resp: 132020
Ion Ratio Lower Upper
232 100
131 47.5 37.5 56.3
130 2.3 2.0 3.0
166 30.4 25.3 37.9

Manual Integrations
APPROVED

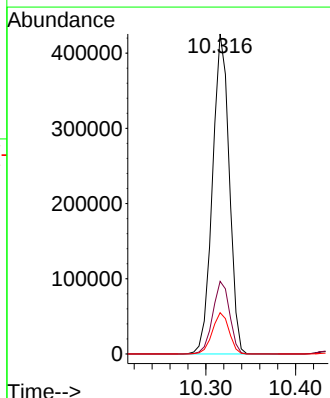
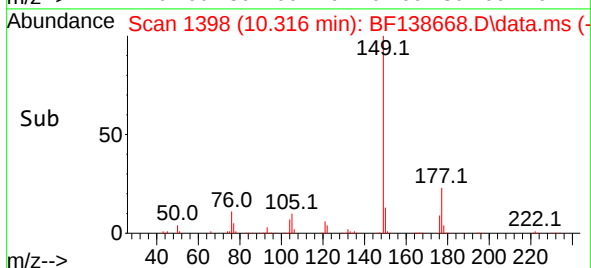
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

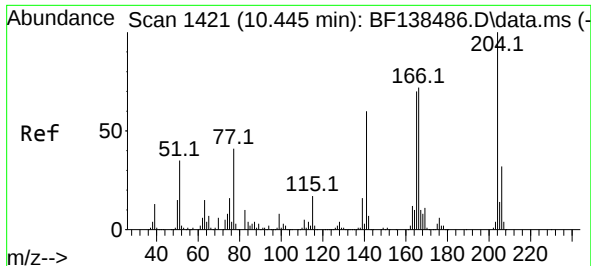


#60
Diethylphthalate
Concen: 39.890 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:149 Resp: 551772
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.9 10.3 15.5





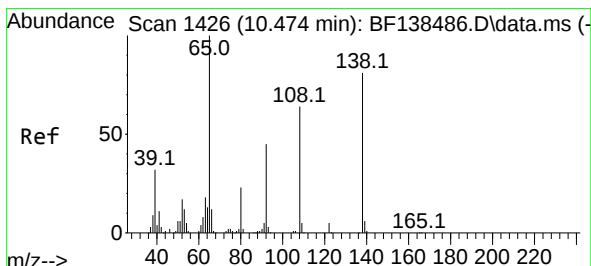
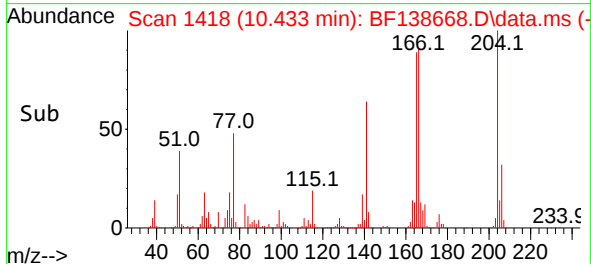
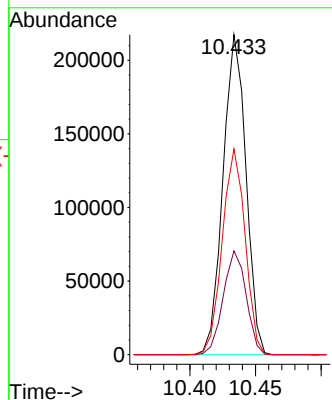
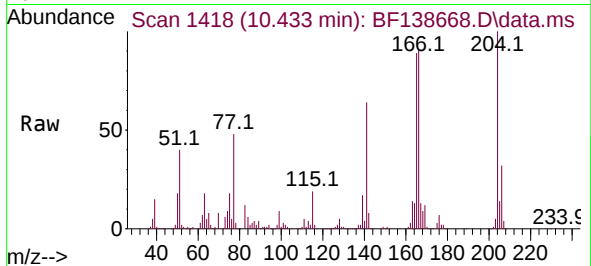
#61
4-Chlorophenyl-phenylether
Concen: 38.276 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 26447
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 64.3 47.7 71.5

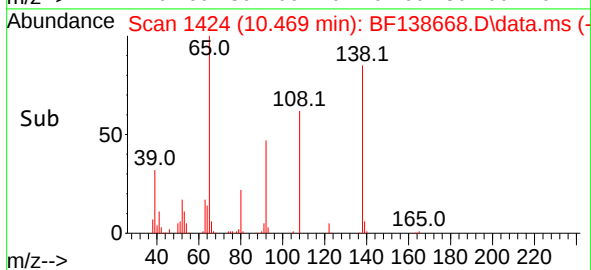
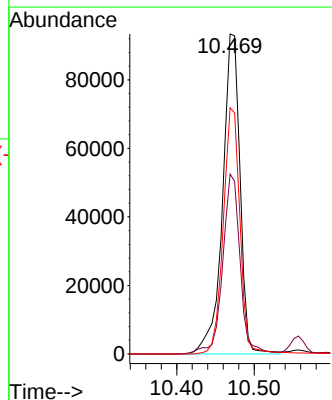
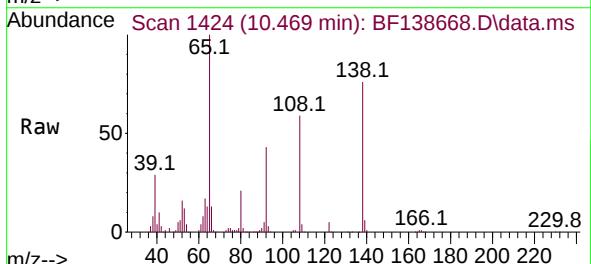
Manual Integrations
APPROVED

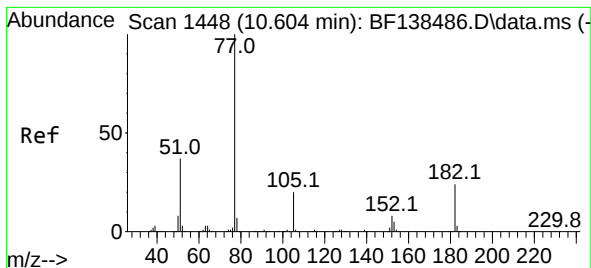
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#62
4-Nitroaniline
Concen: 43.160 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:138 Resp: 146442
Ion Ratio Lower Upper
138 100
92 56.2 35.8 75.8
108 77.0 59.8 99.8





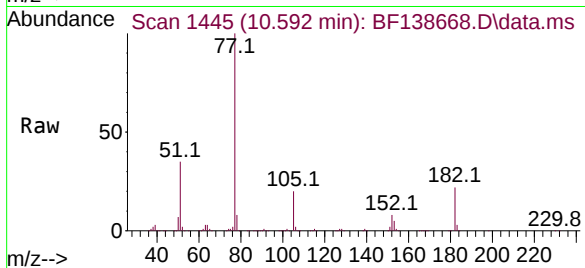
#63
Azobenzene
Concen: 40.963 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



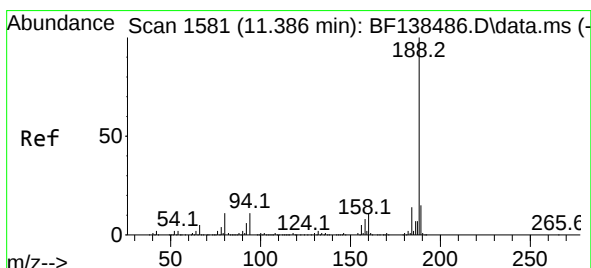
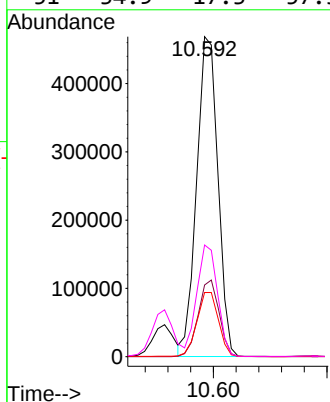
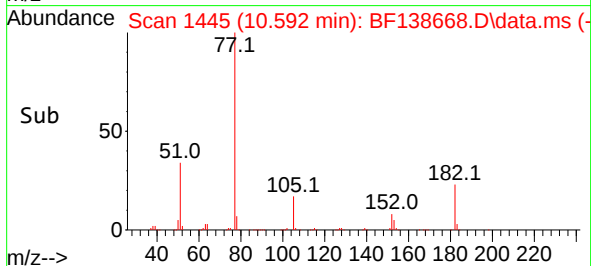
Tgt Ion: 77 Resp: 609180
Ion Ratio Lower Upper
77 100
182 22.4 3.8 43.8
105 20.1 0.0 39.8
51 34.9 17.3 57.3

Manual Integrations

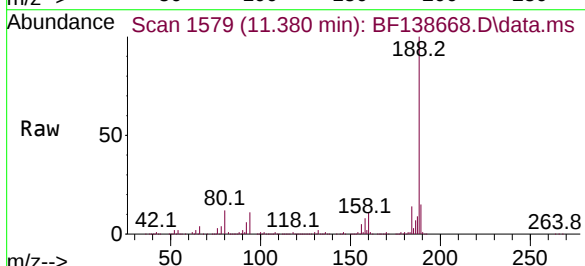
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

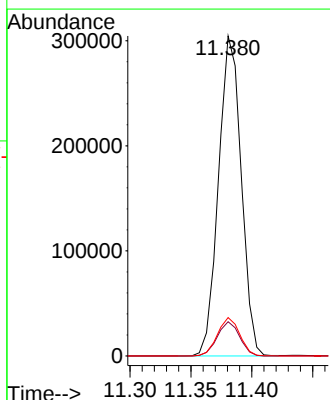
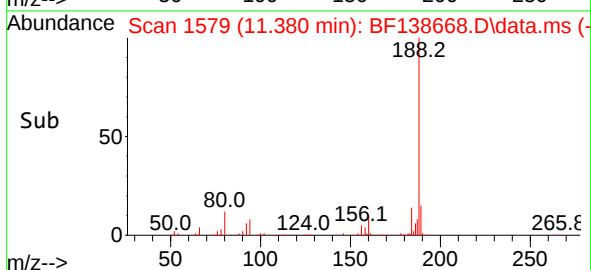
Supervised By :mohammad ahmed 07/31/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:188 Resp: 395592
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 12.0 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.580 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

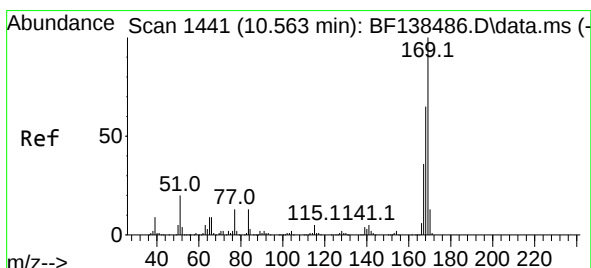
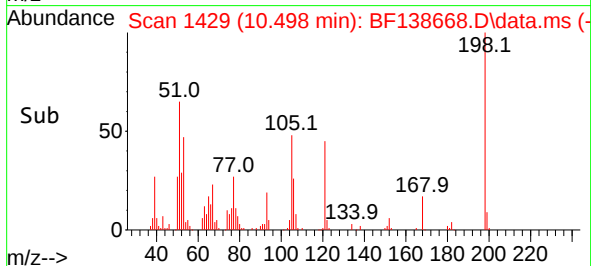
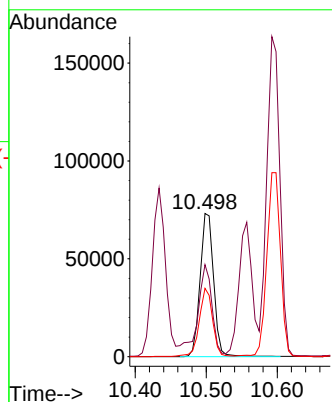
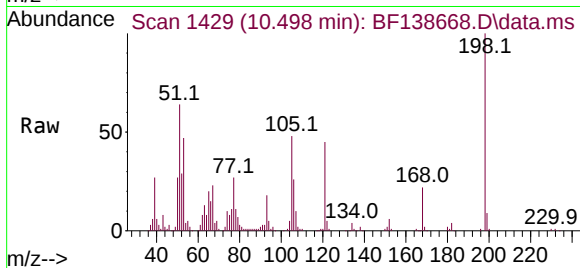
SSTDCCC040

Tgt Ion:198 Resp: 97261
Ion Ratio Lower Upper
198 100
51 64.2 27.2 67.2
105 47.7 18.5 58.5

Manual Integrations

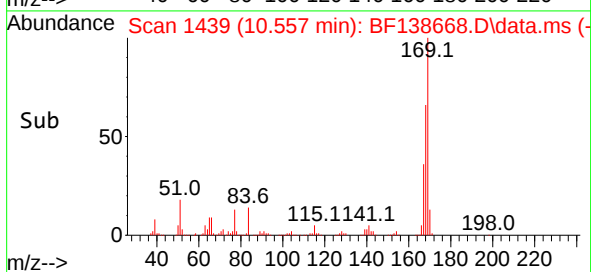
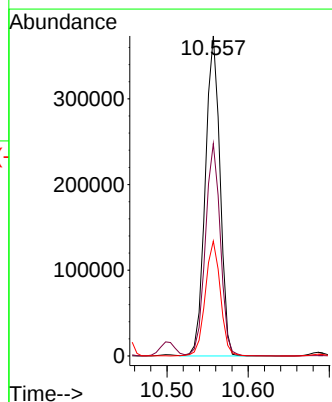
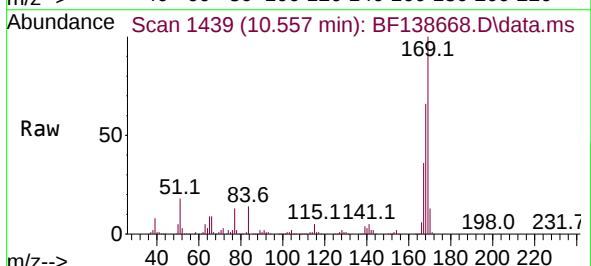
APPROVED

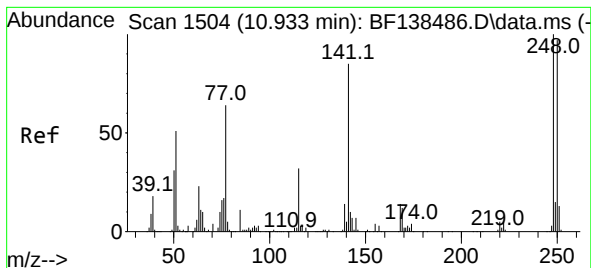
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#66
n-Nitrosodiphenylamine
Concen: 39.556 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:169 Resp: 468824
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 38.192 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

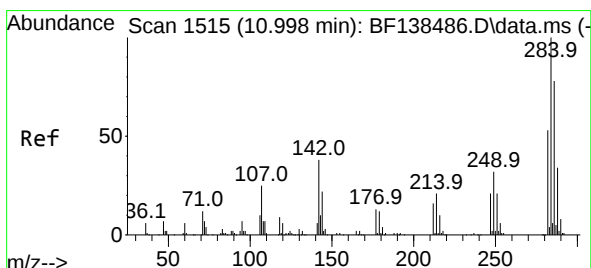
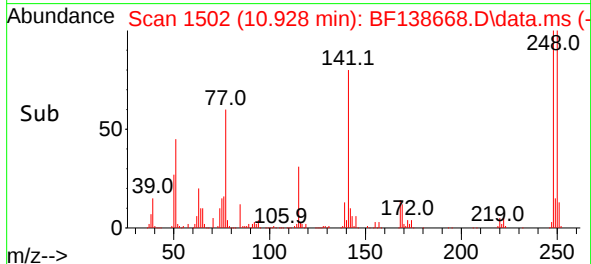
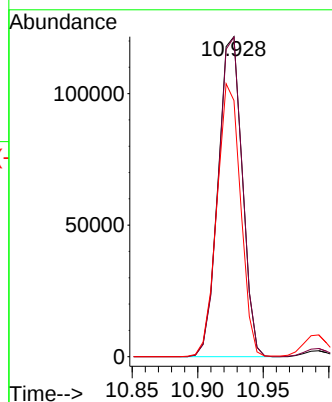
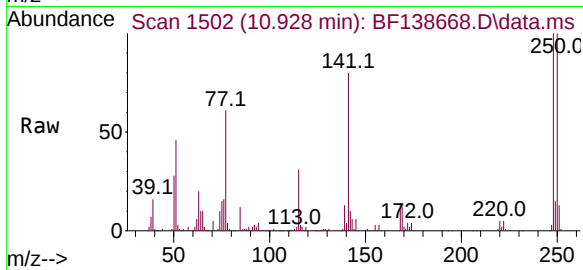
SSTDCCC040

Tgt Ion:248 Resp: 155280
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 80.0 67.7 101.5

Manual Integrations

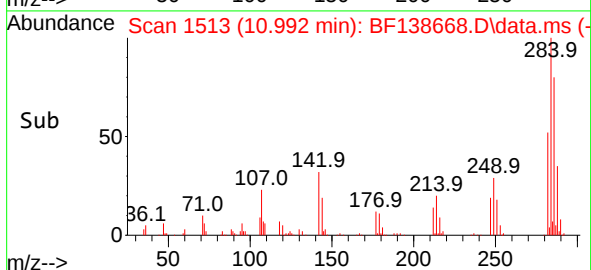
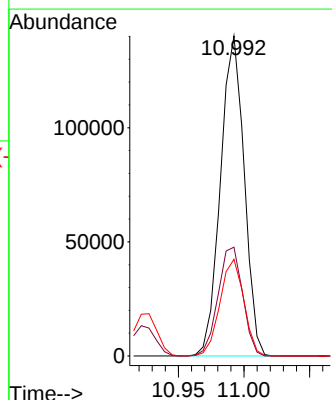
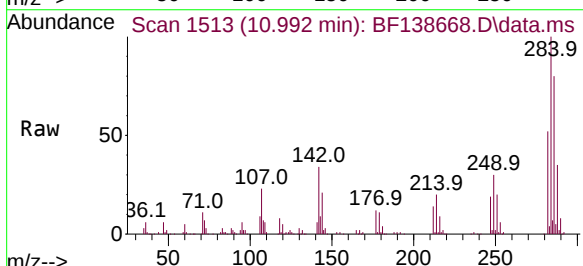
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#68
Hexachlorobenzene
Concen: 38.952 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:284 Resp: 175945
Ion Ratio Lower Upper
284 100
142 34.0 30.5 45.7
249 30.2 25.9 38.9





#69

Atrazine

Concen: 34.336 ng

RT: 11.081 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 134924

Ion Ratio Lower Upper

200 100

173 26.3 4.1 44.1

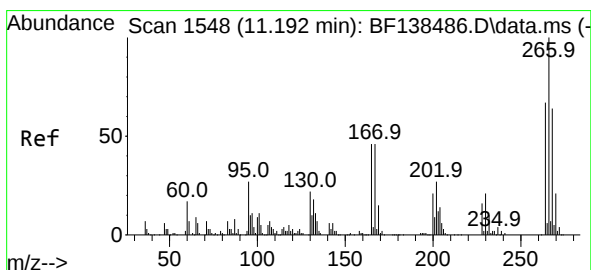
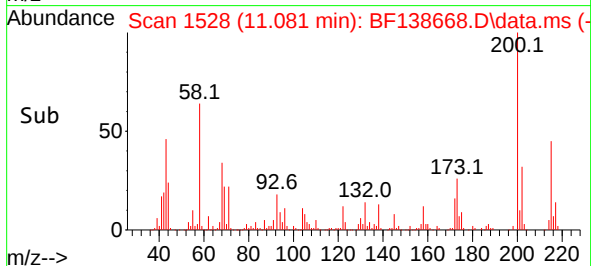
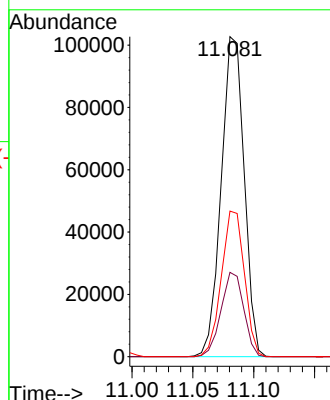
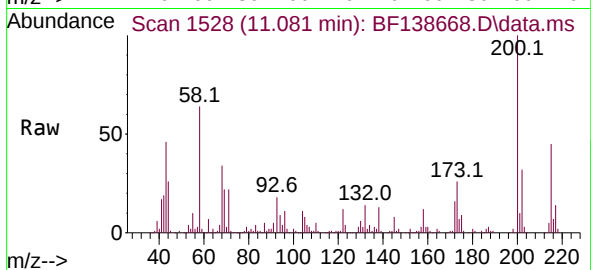
215 45.5 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#70

Pentachlorophenol

Concen: 35.213 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

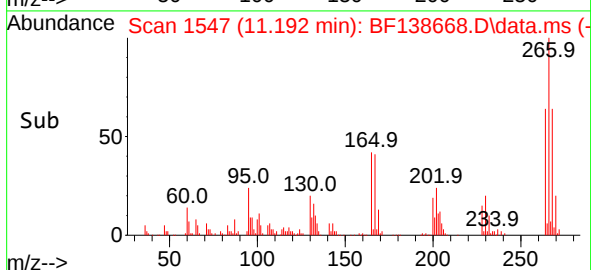
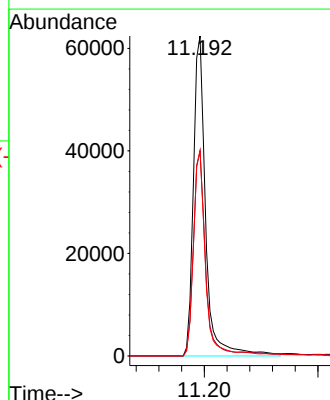
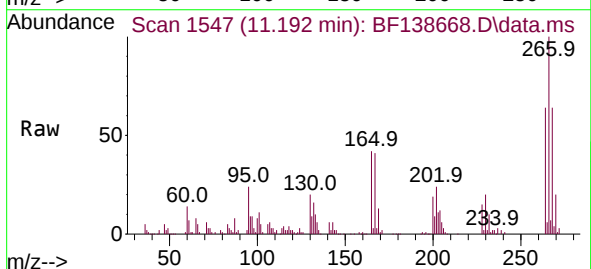
Tgt Ion:266 Resp: 94118

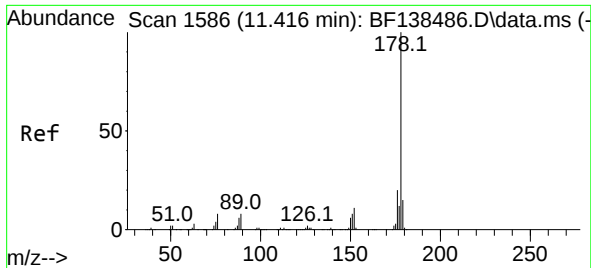
Ion Ratio Lower Upper

266 100

268 64.2 50.9 76.3

264 64.1 53.5 80.3





#71
Phenanthrene
Concen: 39.841 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

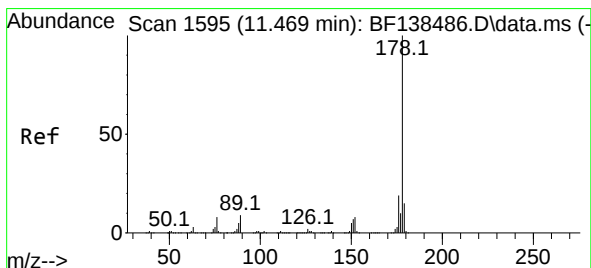
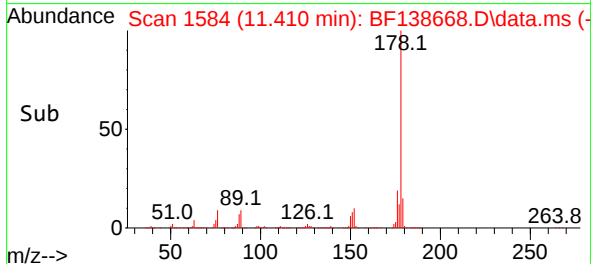
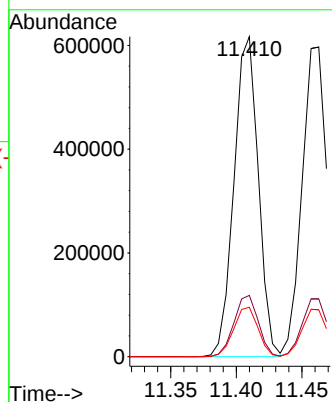
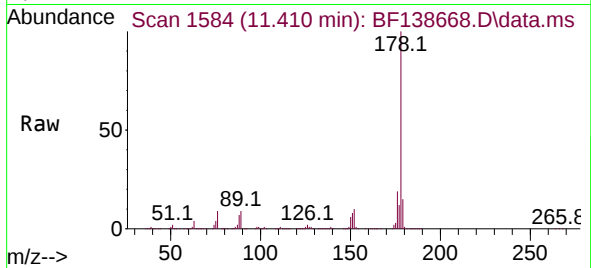
SSTDCCC040

Tgt Ion:178 Resp: 796250
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.4 12.2 18.2

Manual Integrations

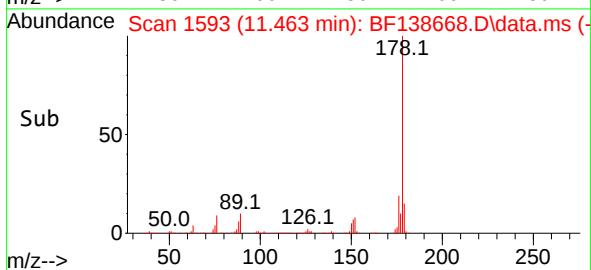
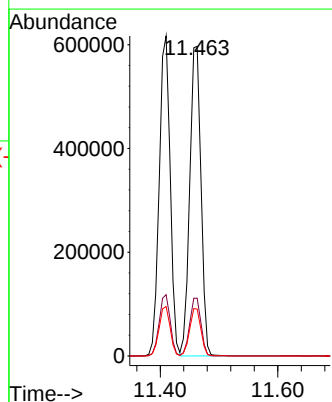
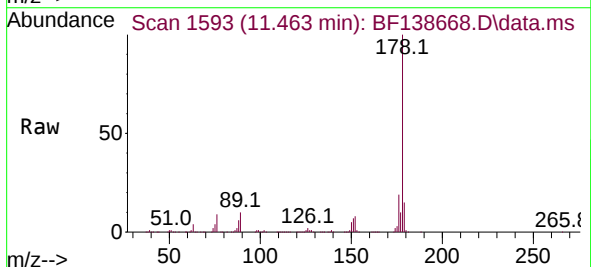
APPROVED

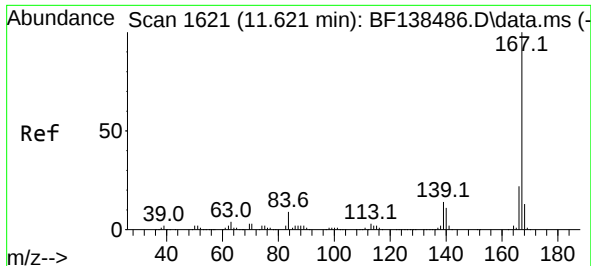
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#72
Anthracene
Concen: 40.014 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

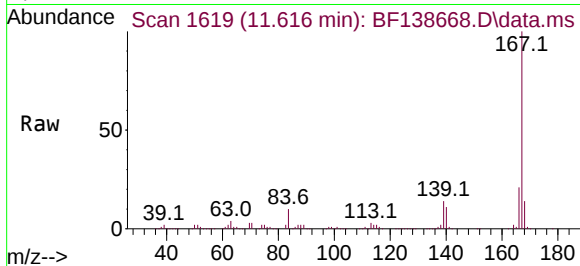
Tgt Ion:178 Resp: 793827
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 41.300 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138668.D
 Acq: 29 Jul 2024 12:56

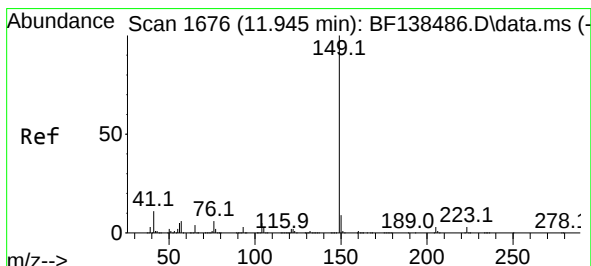
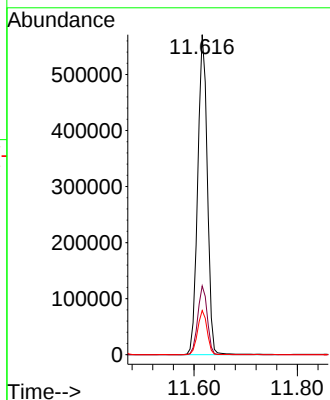
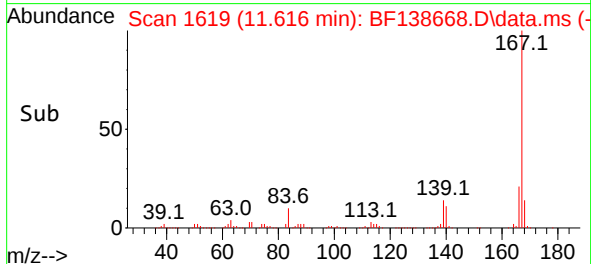
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



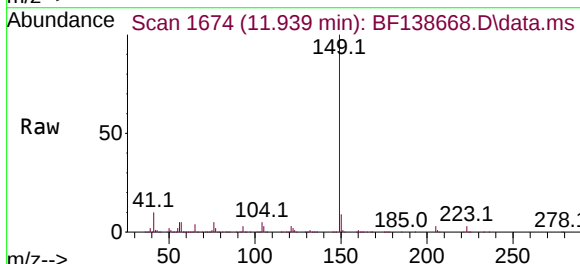
Tgt Ion:167 Resp: 73632
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

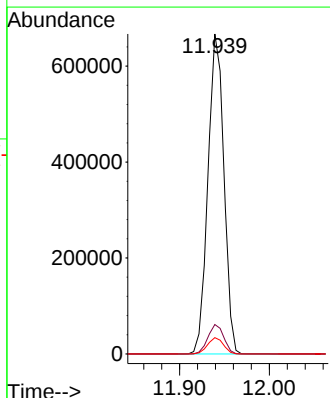
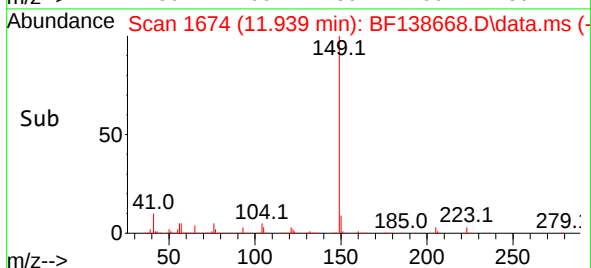
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

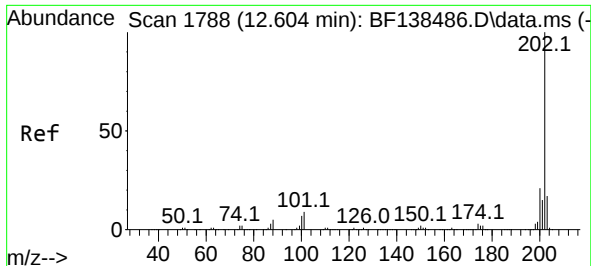


#74
 Di-n-butylphthalate
 Concen: 40.101 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138668.D
 Acq: 29 Jul 2024 12:56



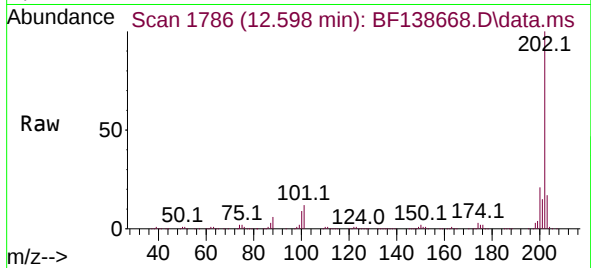
Tgt Ion:149 Resp: 824092
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 40.308 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

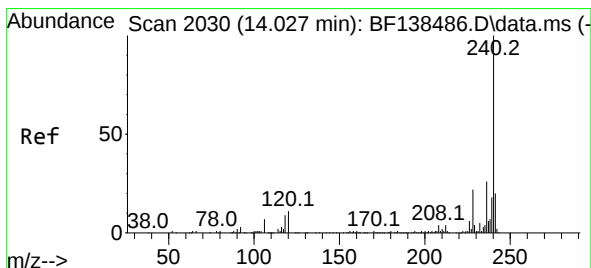
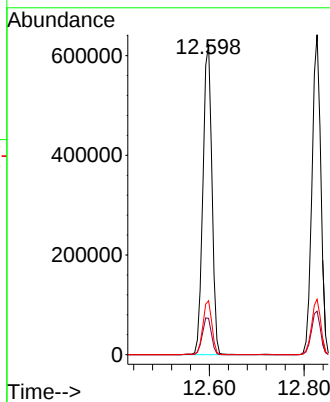
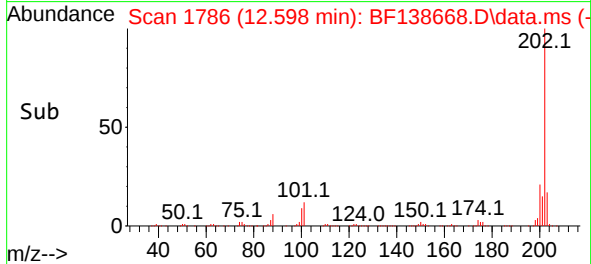
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



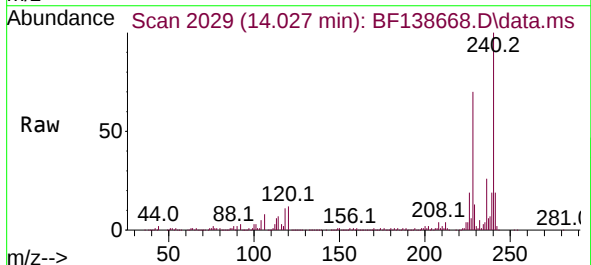
Tgt Ion:202 Resp: 822012
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.2
203 17.3 0.0 37.3

Manual Integrations
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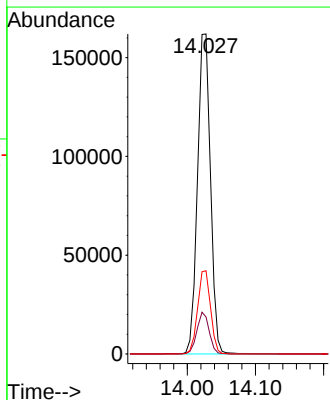
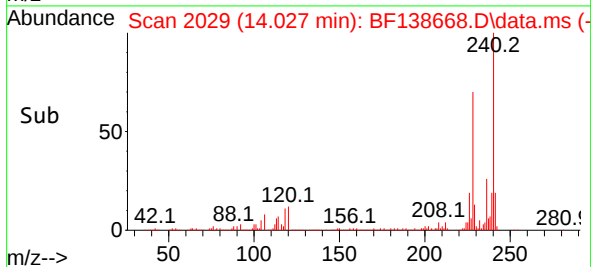
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

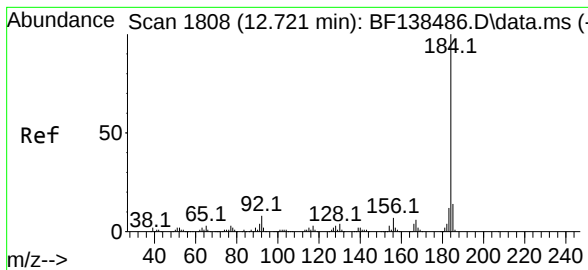


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



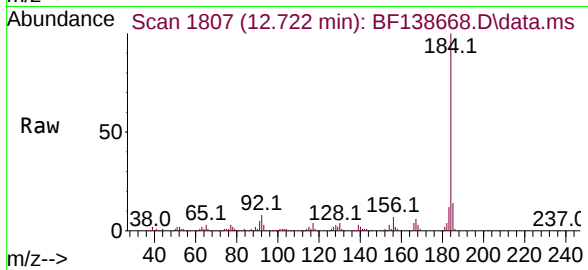
Tgt Ion:240 Resp: 214485
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.0 21.0 31.6





#77
Benzidine
Concen: 34.071 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.001 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

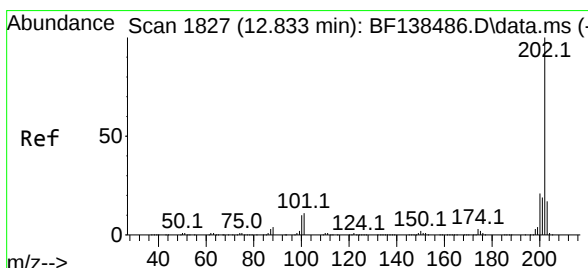
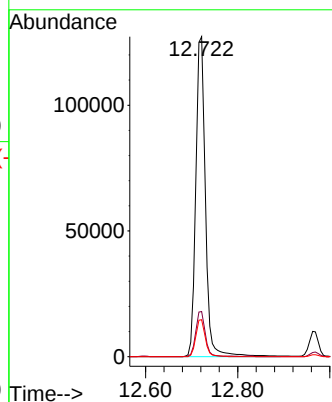
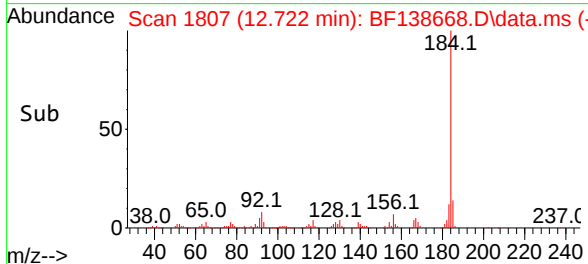
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



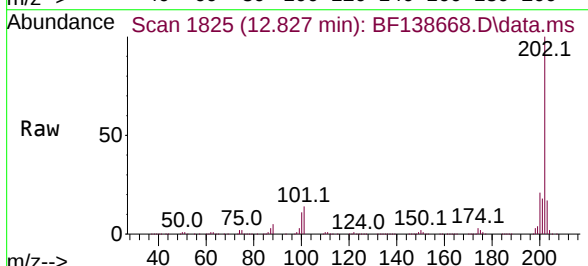
Tgt Ion:184 Resp: 184370
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.5 14.3

Manual Integrations
APPROVED

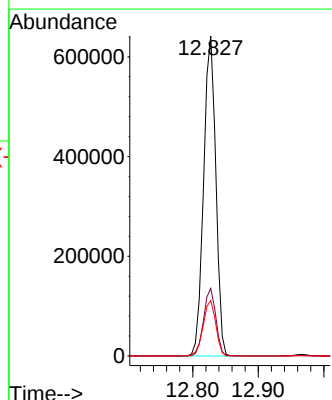
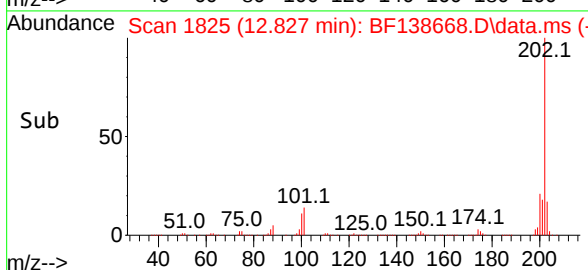
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

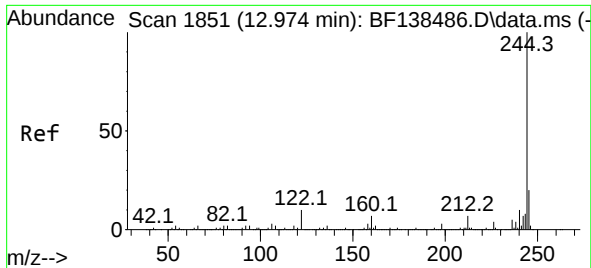


#78
Pyrene
Concen: 38.239 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:202 Resp: 832591
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.3 13.7 20.5





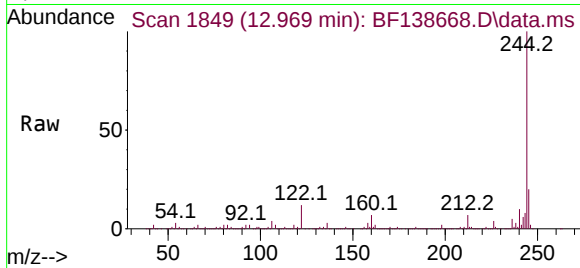
#79
 Terphenyl-d14
 Concen: 75.492 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138668.D
 Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



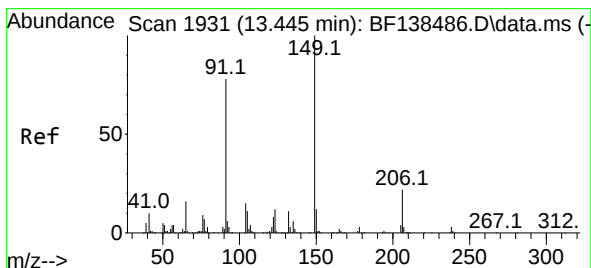
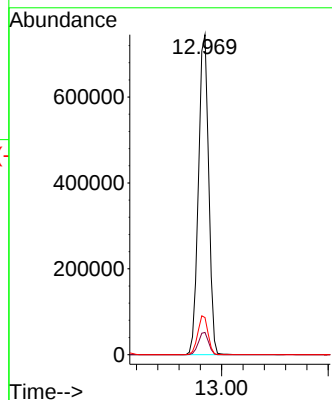
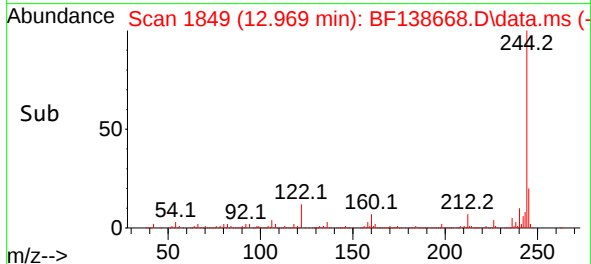
Tgt Ion:244 Resp: 993902
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.6 7.8 11.8

Manual Integrations

APPROVED

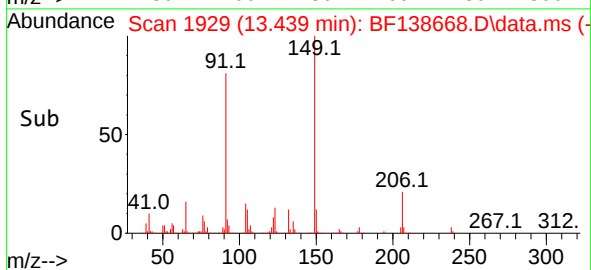
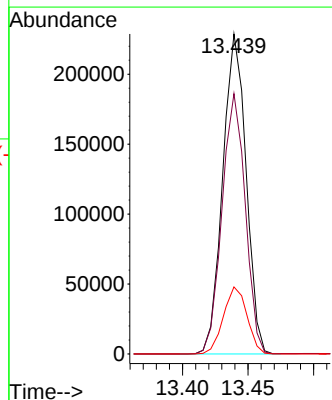
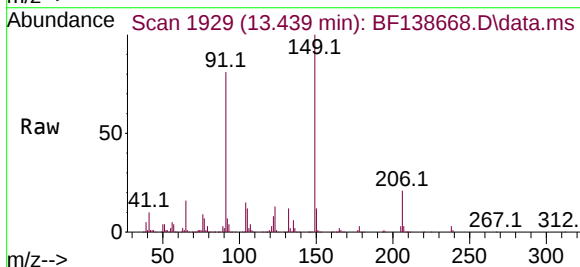
Reviewed By :Yogesh Patel 07/30/2024

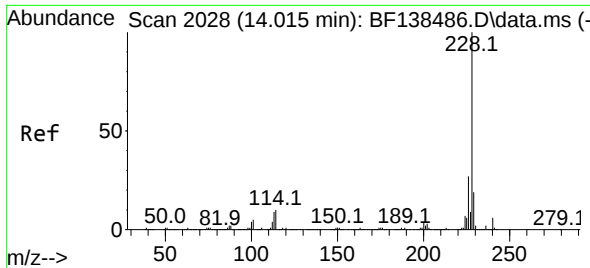
Supervised By :mohammad ahmed 07/31/2024



#80
 Butylbenzylphthalate
 Concen: 43.243 ng
 RT: 13.439 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF138668.D
 Acq: 29 Jul 2024 12:56

Tgt Ion:149 Resp: 283232
 Ion Ratio Lower Upper
 149 100
 91 81.3 62.1 93.1
 206 21.0 18.0 27.0





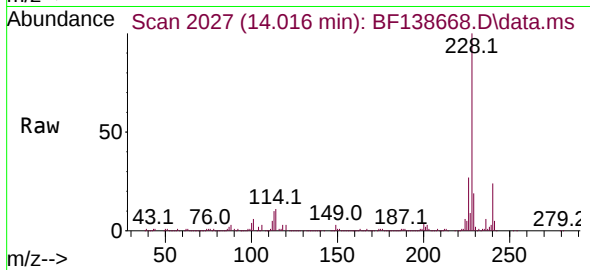
#81
Benzo(a)anthracene
Concen: 40.877 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



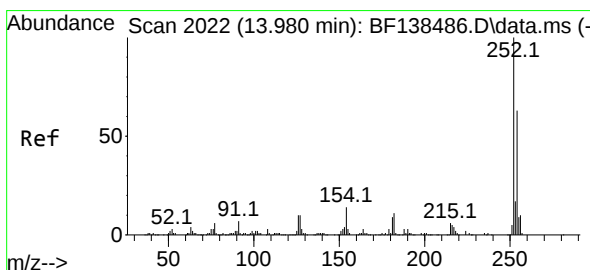
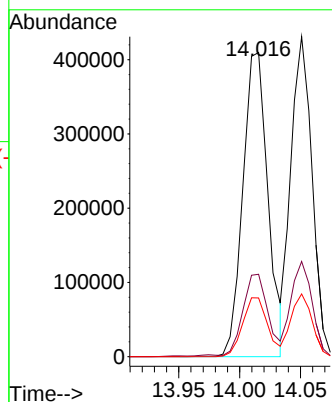
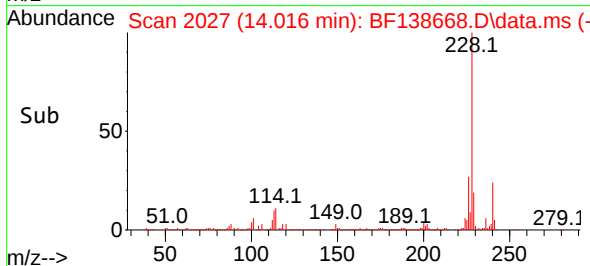
Tgt Ion:228 Resp: 588290
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.3 15.5 23.3

Manual Integrations

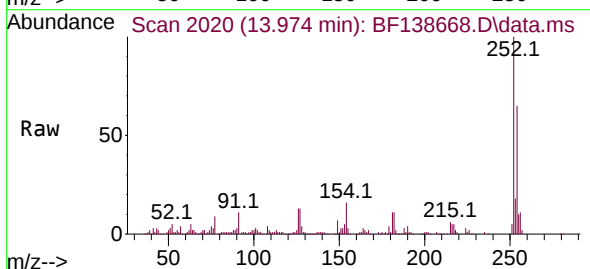
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

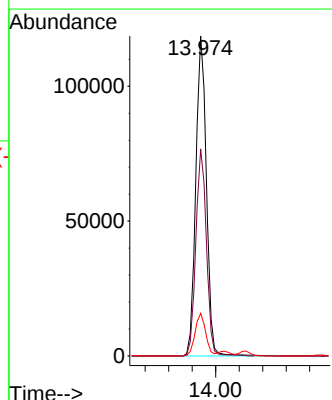
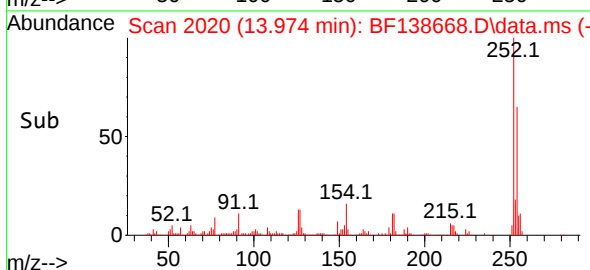
Supervised By :mohammad ahmed 07/31/2024

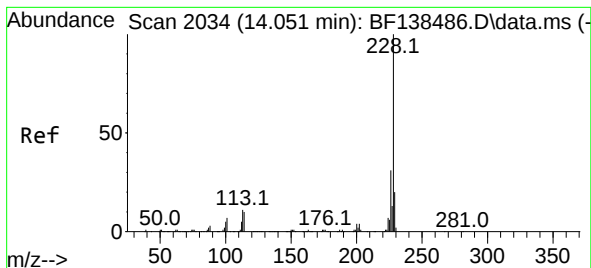


#82
3,3'-Dichlorobenzidine
Concen: 40.136 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56



Tgt Ion:252 Resp: 148844
Ion Ratio Lower Upper
252 100
254 64.7 50.3 75.5
126 13.3 8.1 12.1#





#83

Chrysene

Concen: 38.343 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

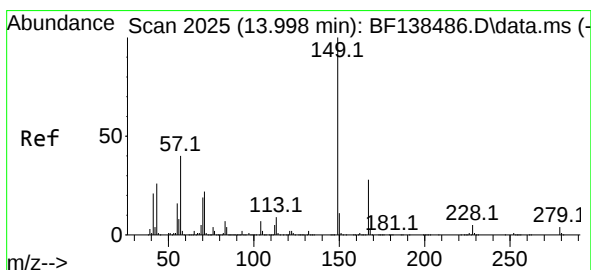
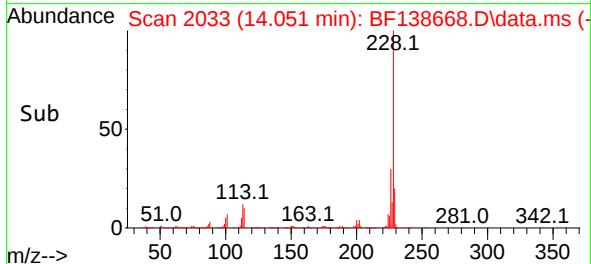
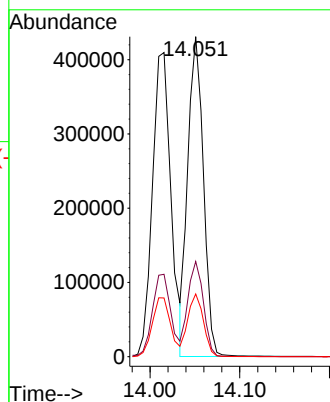
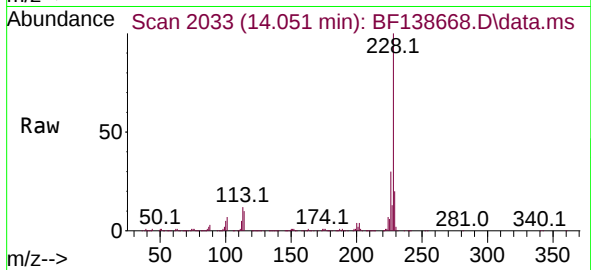
SSTDCCC040

Tgt Ion:228 Resp: 522030
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.4 36.6
 229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.813 ng

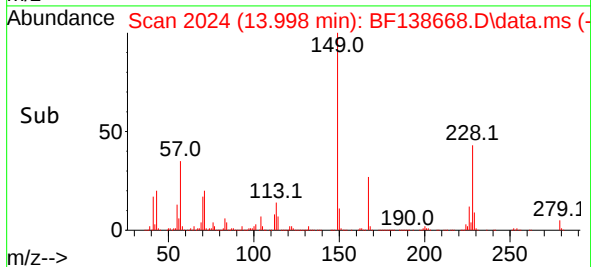
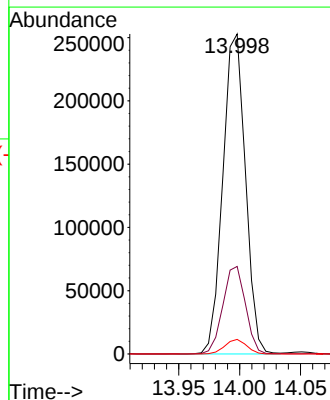
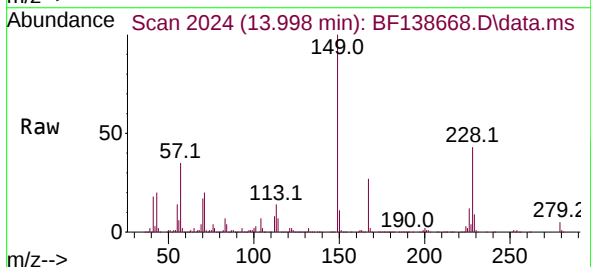
RT: 13.998 min Scan# 2024

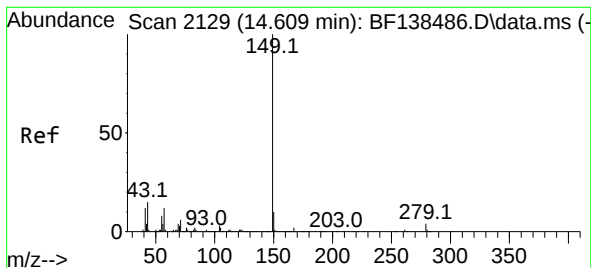
Delta R.T. 0.000 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

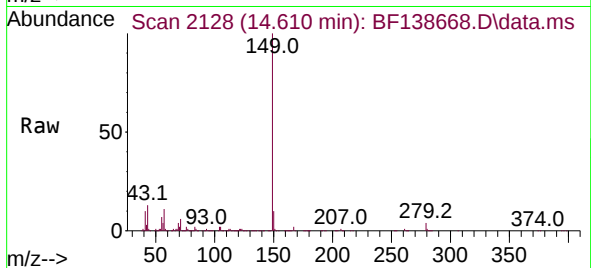
Tgt Ion:149 Resp: 327008
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.5 33.7
 279 4.6 3.0 4.6#





#85
Di-n-octyl phthalate
Concen: 41.498 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

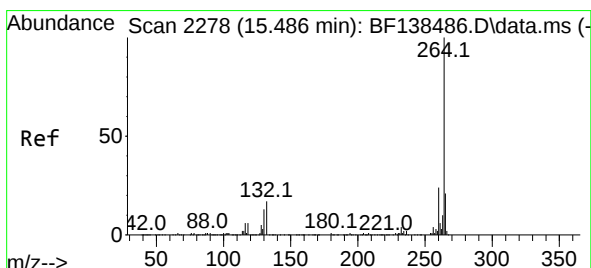
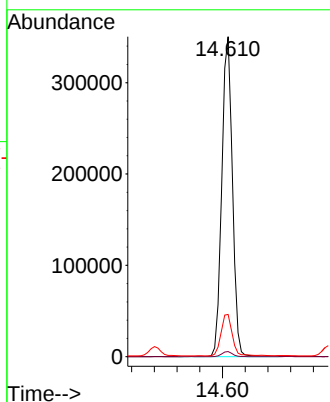
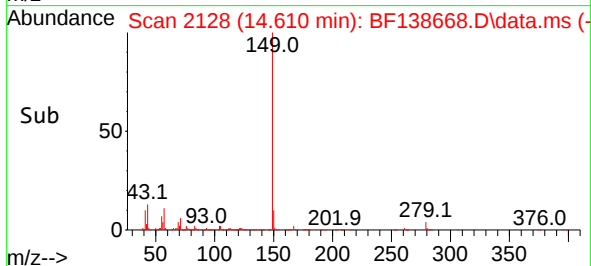
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 45794
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 10.7 16.1

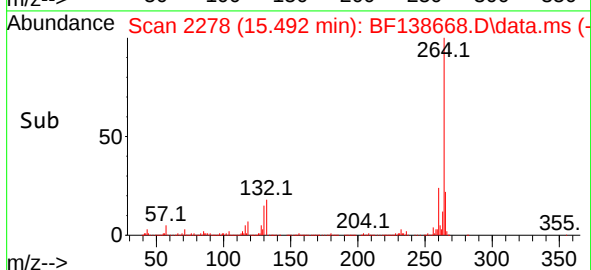
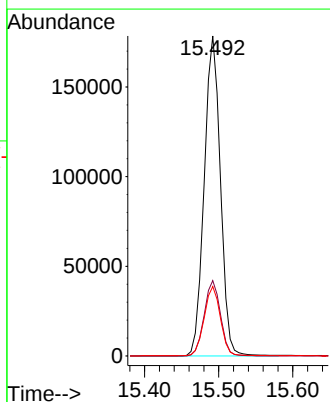
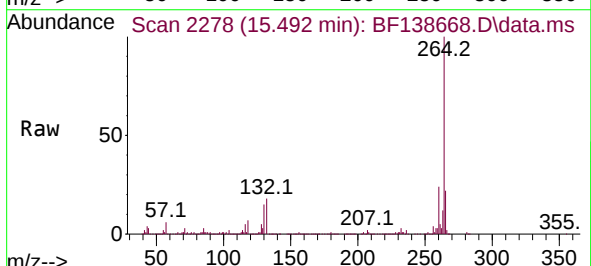
Manual Integrations
APPROVED

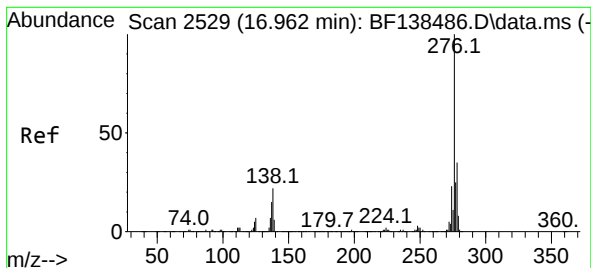
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:264 Resp: 271041
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.194 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

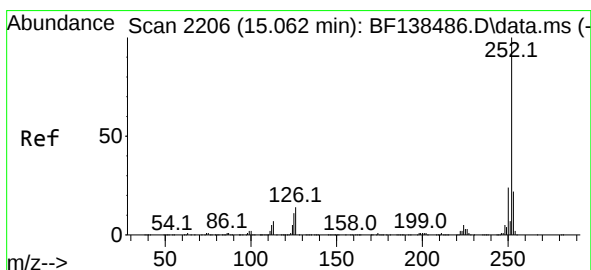
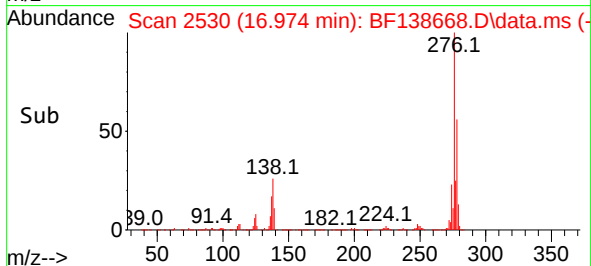
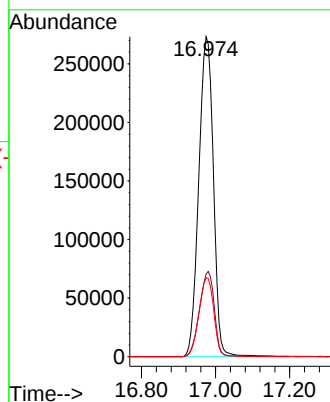
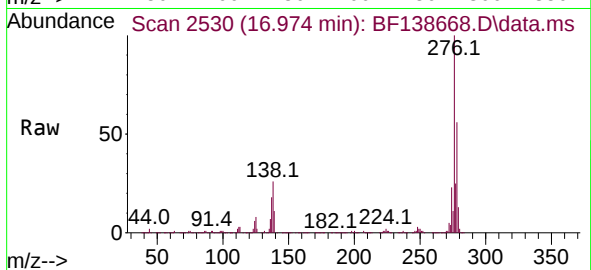
Tgt Ion:276 Resp: 74997
 Ion Ratio Lower Upper
 276 100
 138 27.0 19.6 29.4
 277 25.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#88

Benzo(b)fluoranthene

Concen: 34.650 ng

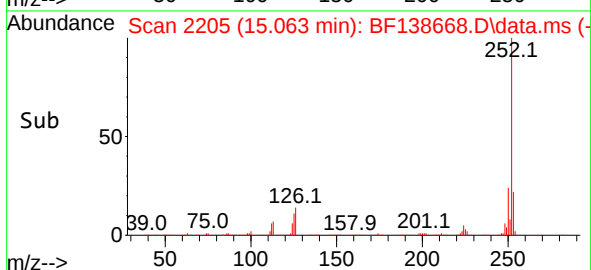
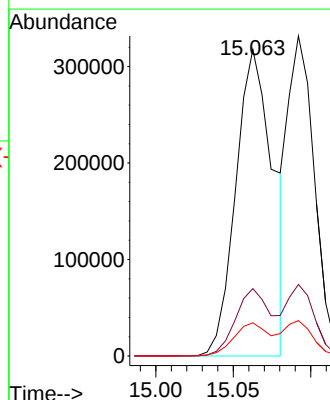
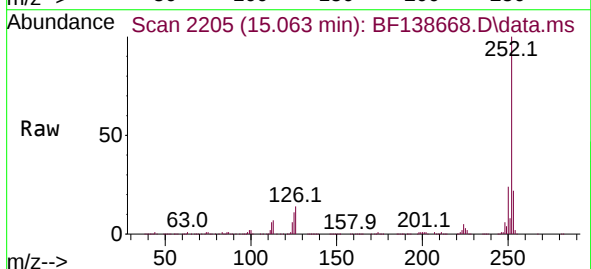
RT: 15.063 min Scan# 2205

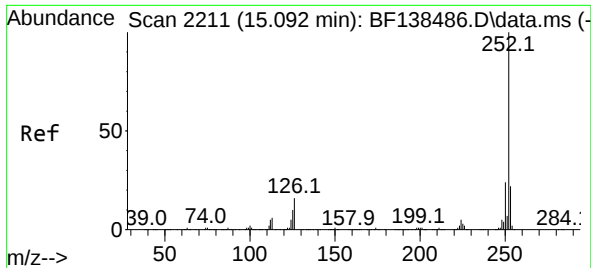
Delta R.T. 0.000 min

Lab File: BF138668.D

Acq: 29 Jul 2024 12:56

Tgt Ion:252 Resp: 528911
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 10.8 8.6 13.0





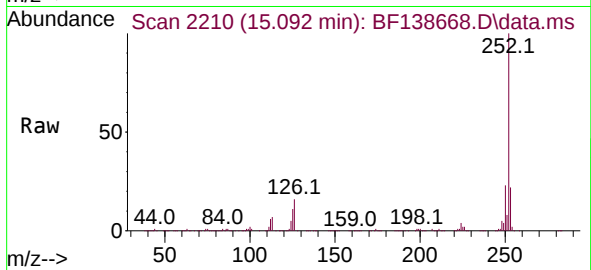
#89
Benzo(k)fluoranthene
Concen: 26.780 ng
RT: 15.092 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



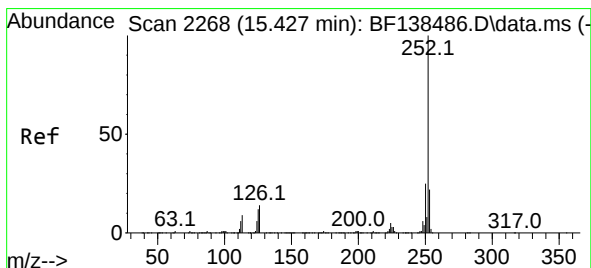
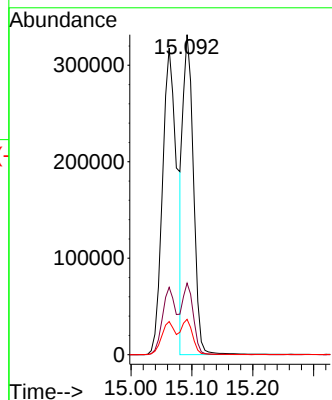
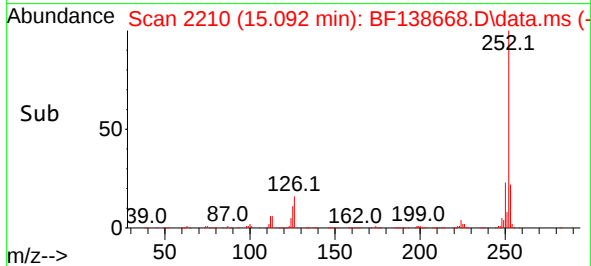
Tgt Ion:252 Resp: 39867
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.1 8.1 12.1

Manual Integrations

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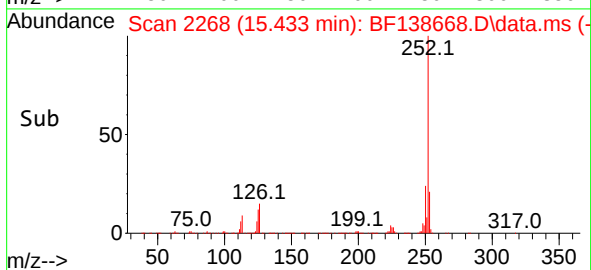
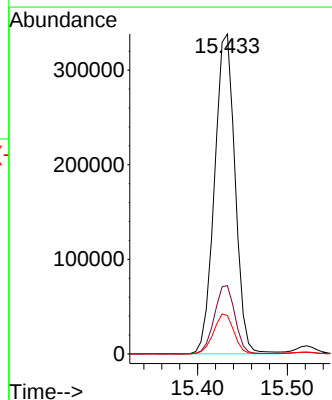
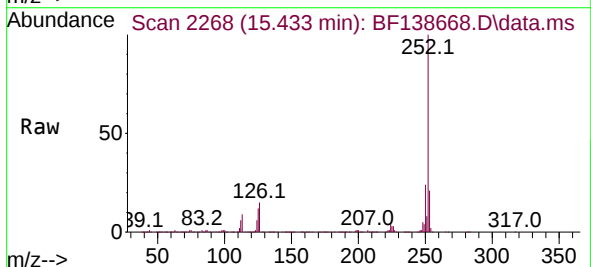
Reviewed By :Yogesh Patel 07/30/2024

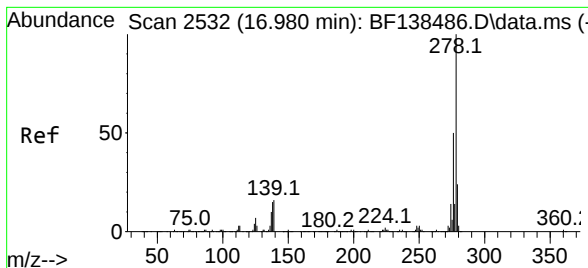
Supervised By :mohammad ahmed 07/31/2024



#90
Benzo(a)pyrene
Concen: 39.976 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:252 Resp: 536039
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 12.0 9.4 14.2





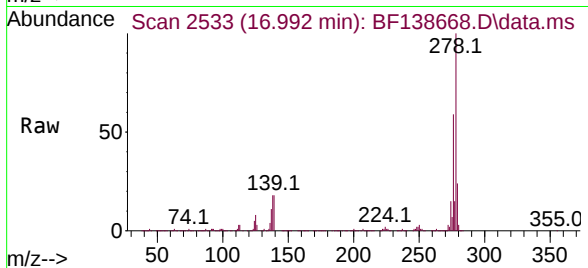
#91
Dibenzo(a,h)anthracene
Concen: 40.404 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



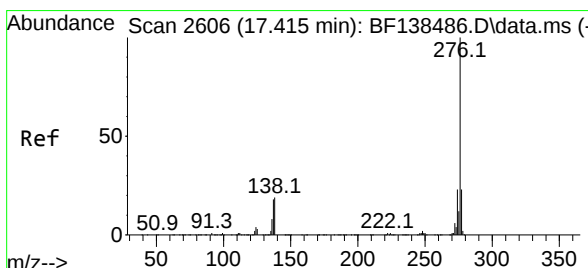
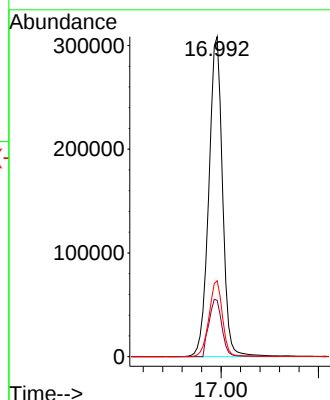
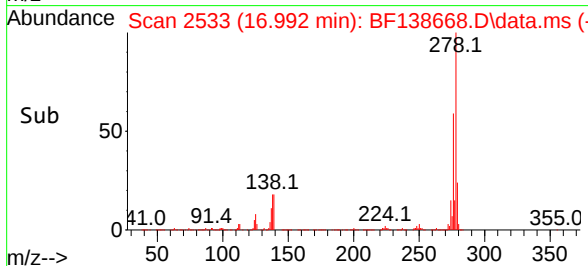
Tgt Ion:278 Resp: 60172
Ion Ratio Lower Upper
278 100
139 17.6 12.8 19.2
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#92
Benzo(g,h,i)perylene
Concen: 40.930 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF138668.D
Acq: 29 Jul 2024 12:56

Tgt Ion:276 Resp: 646364
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 23.3 15.5 23.3#

