

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138632.D
 Acq On : 24 Jul 2024 11:02
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 20:37:14 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	6.857	152	80867	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	319755	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	174565	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	295991	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	128377	20.000	ng	-0.02
86) Perylene-d12	15.474	264	157034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	415447	81.364	ng	-0.02
7) Phenol-d6	6.493	99	563896	83.017	ng	-0.01
23) Nitrobenzene-d5	7.422	82	530531	81.462	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	135445	83.019	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	884966	79.232	ng	-0.02
79) Terphenyl-d14	12.957	244	694321	88.110	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	93030	41.138	ng	97
3) Pyridine	3.363	79	230371	41.308	ng	96
4) n-Nitrosodimethylamine	3.328	42	138917	38.265	ng	88
6) Aniline	6.522	93	257818	40.523	ng	# 87
8) 2-Chlorophenol	6.646	128	220530	40.846	ng	99
9) Benzaldehyde	6.404	77	144018	39.612	ng	96
10) Phenol	6.510	94	297735	41.295	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	222483	40.985	ng	98
12) 1,3-Dichlorobenzene	6.798	146	244868	40.348	ng	99
13) 1,4-Dichlorobenzene	6.875	146	245814	39.887	ng	99
14) 1,2-Dichlorobenzene	7.028	146	228135	39.746	ng	96
15) Benzyl Alcohol	6.998	79	206926	40.593	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	386217	36.180	ng	82
17) 2-Methylphenol	7.116	107	184895	41.785	ng	96
18) Hexachloroethane	7.363	117	94412	41.672	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	166399	39.646	ng	95
20) 3+4-Methylphenols	7.269	107	227766	40.876	ng	96
22) Acetophenone	7.269	105	310019	39.920	ng	98
24) Nitrobenzene	7.440	77	271077	40.959	ng	97
25) Isophorone	7.681	82	451534	40.373	ng	99
26) 2-Nitrophenol	7.757	139	118942	41.931	ng	99
27) 2,4-Dimethylphenol	7.793	122	139894	40.126	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	272972	40.839	ng	98
29) 2,4-Dichlorophenol	7.998	162	181328	40.052	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	201176	38.145	ng	97
31) Naphthalene	8.157	128	668712	40.212	ng	100
32) Benzoic acid	7.922	122	122723	36.907	ng	94
33) 4-Chloroaniline	8.210	127	225752	38.690	ng	99
34) Hexachlorobutadiene	8.275	225	123031	37.883	ng	100
35) Caprolactam	8.587	113	57694	39.492	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	206685	40.779	ng	99
37) 2-Methylnaphthalene	8.851	142	423792	39.600	ng	99
38) 1-Methylnaphthalene	8.945	142	410308	39.285	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	189959	39.044	ng	99
41) Hexachlorocyclopentadiene	8.998	237	72155	45.692	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	119291	38.438	ng	98

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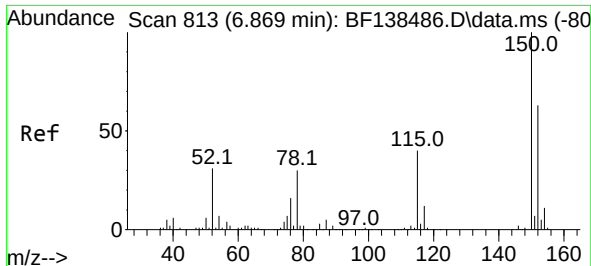
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 20:37:14 2024
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 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	129655	37.984	ng	95
46) 1,1'-Biphenyl	9.316	154	535798	40.501	ng	99
47) 2-Chloronaphthalene	9.339	162	394852	39.508	ng	98
48) 2-Nitroaniline	9.439	65	145786	42.095	ng	97
49) Acenaphthylene	9.751	152	574000	40.453	ng	100
50) Dimethylphthalate	9.616	163	451733	40.020	ng	100
51) 2,6-Dinitrotoluene	9.681	165	105394	40.552	ng	91
52) Acenaphthene	9.928	154	378632m	40.143	ng	
53) 3-Nitroaniline	9.851	138	104265	39.142	ng	93
54) 2,4-Dinitrophenol	9.957	184	48861	37.654	ng	92
55) Dibenzofuran	10.098	168	544534	39.803	ng	99
56) 4-Nitrophenol	10.016	139	71168	36.209	ng	98
57) 2,4-Dinitrotoluene	10.081	165	138217	41.103	ng	97
58) Fluorene	10.439	166	436535	40.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	104276	38.708	ng	97
60) Diethylphthalate	10.310	149	441946	40.613	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	211639	38.935	ng	92
62) 4-Nitroaniline	10.463	138	103713	38.854	ng	98
63) Azobenzene	10.592	77	477515	40.815	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	74246	43.442	ng	83
66) n-Nitrosodiphenylamine	10.551	169	363670	41.009	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	124856	41.041	ng	98
68) Hexachlorobenzene	10.986	284	137746	40.757	ng	97
69) Atrazine	11.075	200	108822	37.012	ng	98
70) Pentachlorophenol	11.181	266	72115	36.060	ng	97
71) Phenanthrene	11.404	178	602978	40.323	ng	100
72) Anthracene	11.451	178	592002	39.882	ng	99
73) Carbazole	11.610	167	518843	38.894	ng	99
74) Di-n-butylphthalate	11.933	149	625693	40.692	ng	99
75) Fluoranthene	12.586	202	569354	37.313	ng	98
77) Benzidine	12.710	184	105752	32.650	ng	99
78) Pyrene	12.816	202	559006	42.895	ng	100
80) Butylbenzylphthalate	13.427	149	171671	43.791	ng	95
81) Benzo(a)anthracene	14.004	228	361825	42.004	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	97397	43.880	ng	# 99
83) Chrysene	14.039	228	312707	38.374	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	207672	49.670	ng	99
85) Di-n-octyl phthalate	14.598	149	362710	54.915	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	445014	42.189	ng	99
88) Benzo(b)fluoranthene	15.045	252	359274	40.625	ng	100
89) Benzo(k)fluoranthene	15.080	252	315096	36.532	ng	99
90) Benzo(a)pyrene	15.416	252	310692	39.992	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	357984	41.489	ng	99
92) Benzo(g,h,i)perylene	17.392	276	374522	40.934	ng	96

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



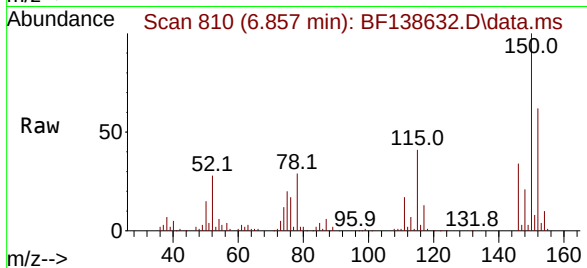
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

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SSTDCCC040



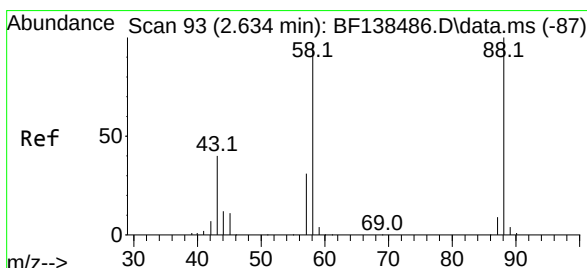
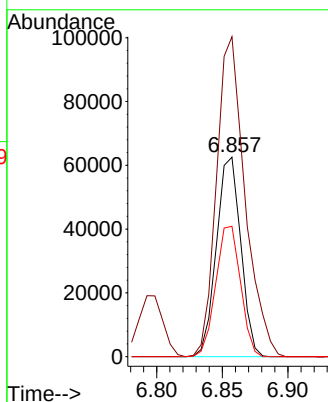
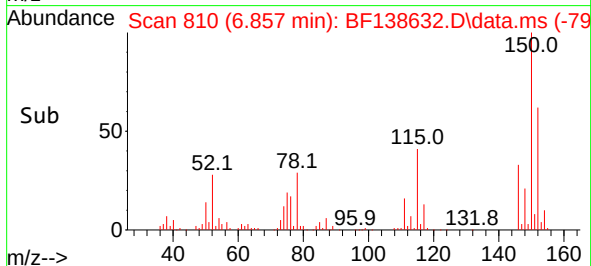
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Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.4
115 65.4 50.3 75.5

Manual Integrations

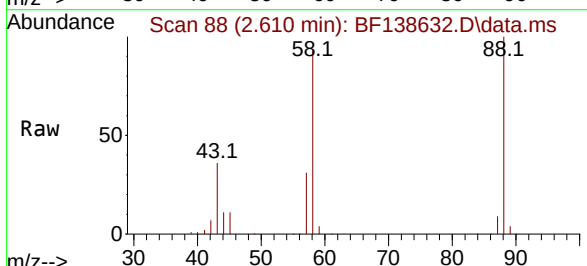
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Reviewed By :Yogesh Patel 07/25/2024

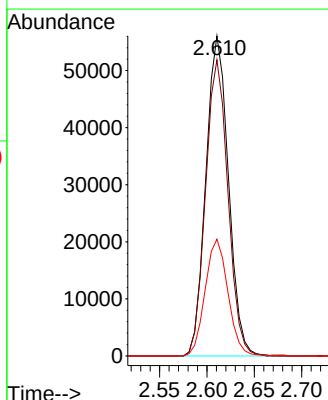
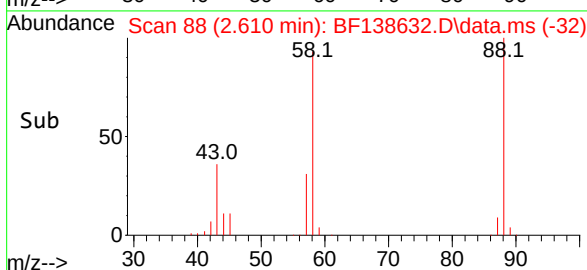
Supervised By :mohammad ahmed 07/25/2024

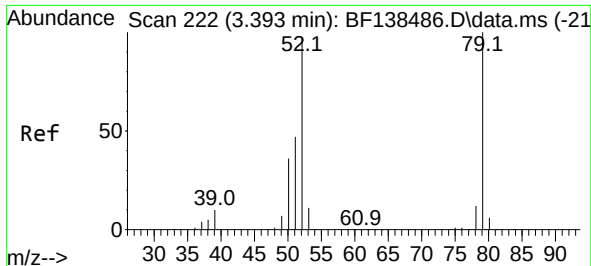


#2
1,4-Dioxane
Concen: 41.138 ng
RT: 2.610 min Scan# 88
Delta R.T. -0.023 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



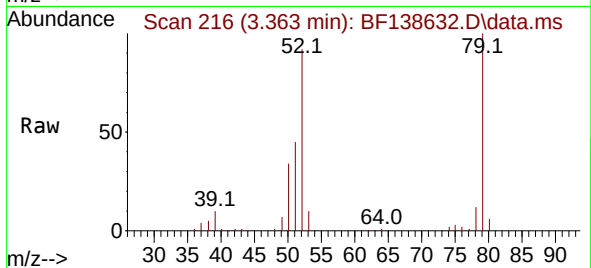
Tgt Ion: 88 Resp: 93030
Ion Ratio Lower Upper
88 100
58 91.4 74.6 112.0
43 36.7 31.8 47.6





#3
Pyridine
Concen: 41.308 ng
RT: 3.363 min Scan# 210
Delta R.T. -0.029 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

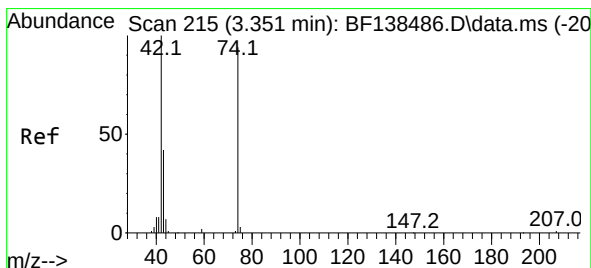
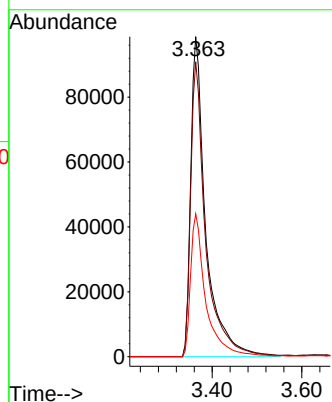
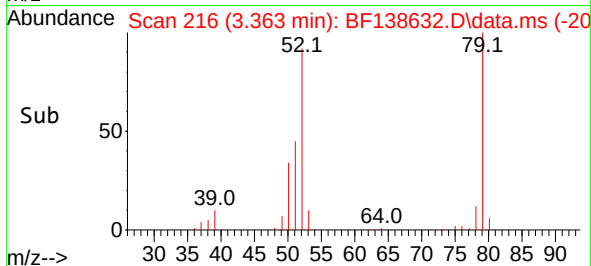
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 23037
Ion Ratio Lower Upper
79 100
52 92.1 77.4 116.2
51 44.7 37.4 56.0

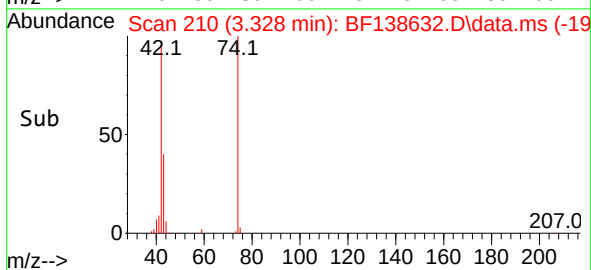
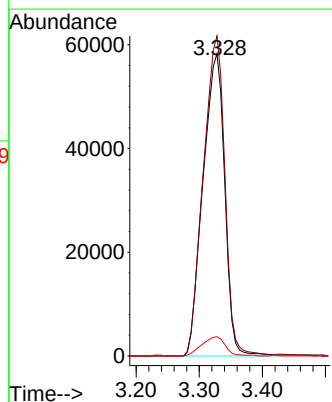
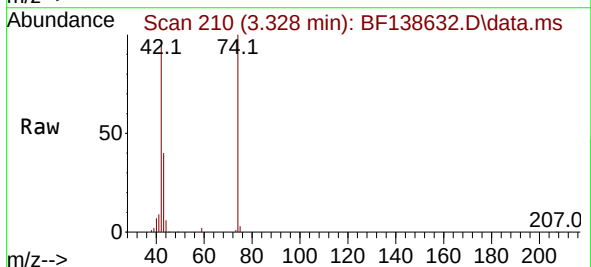
Manual Integrations
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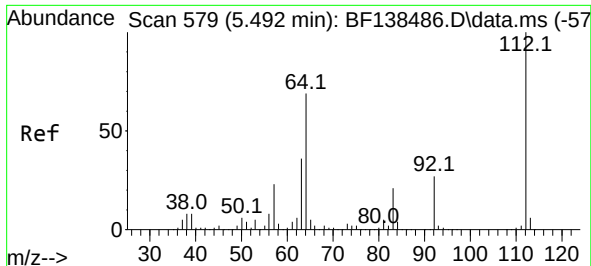
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#4
n-Nitrosodimethylamine
Concen: 38.265 ng
RT: 3.328 min Scan# 210
Delta R.T. -0.023 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion: 42 Resp: 138917
Ion Ratio Lower Upper
42 100
74 105.8 75.0 112.6
44 6.4 5.4 8.2





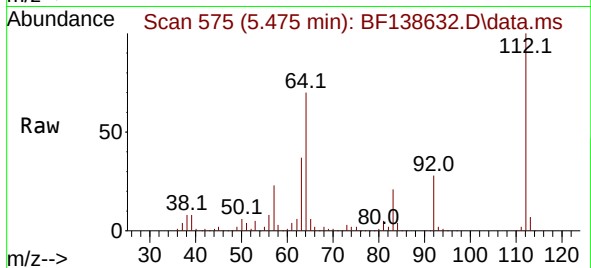
#5
2-Fluorophenol
Concen: 81.364 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



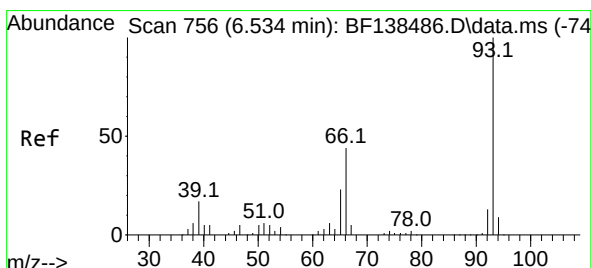
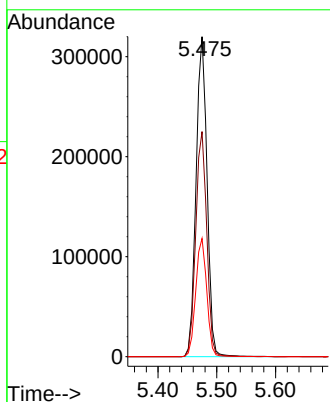
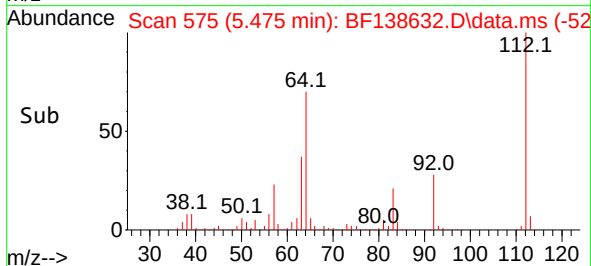
Tgt Ion:112 Resp: 41544
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 36.9 29.0 43.6

Manual Integrations

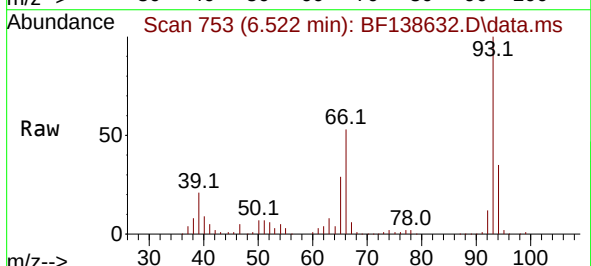
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

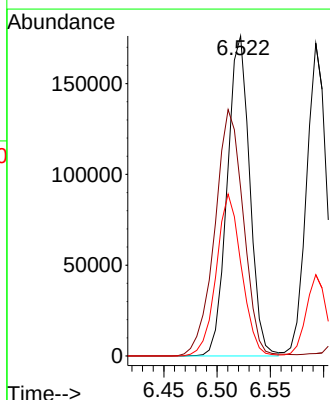
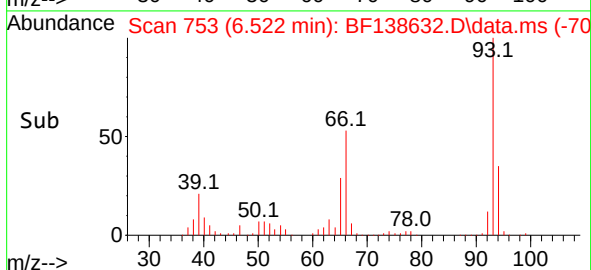
Supervised By :mohammad ahmed 07/25/2024

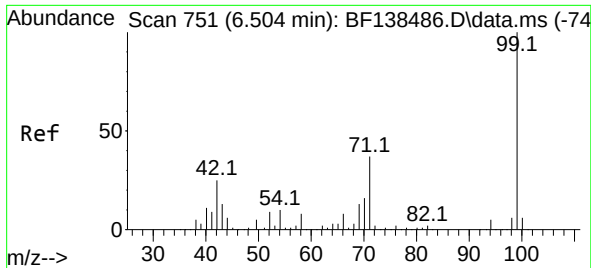


#6
Aniline
Concen: 40.523 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



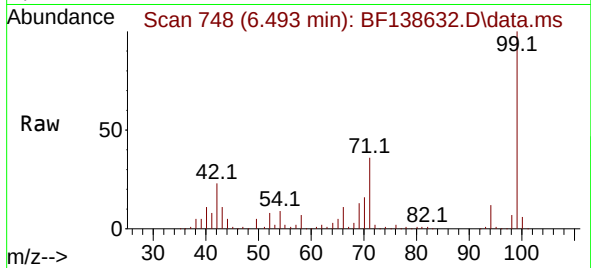
Tgt Ion: 93 Resp: 257818
Ion Ratio Lower Upper
93 100
66 52.5 35.4 53.0
65 29.2 18.6 27.8#





#7
Phenol-d6
Concen: 83.017 ng
RT: 6.493 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

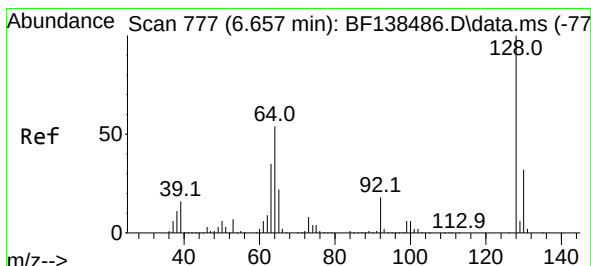
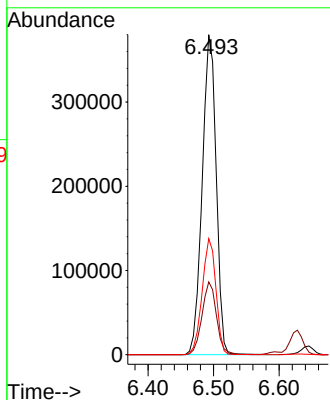
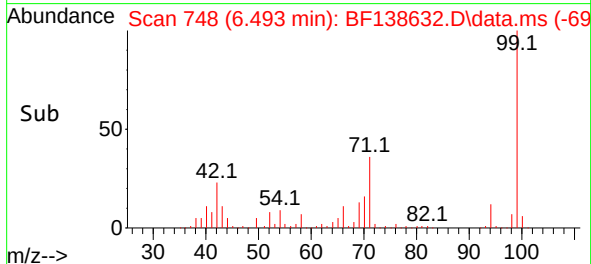
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 563890
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 36.3 29.9 44.9

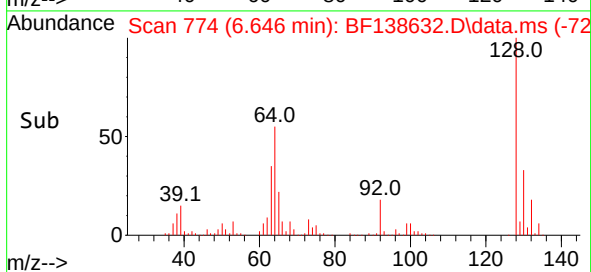
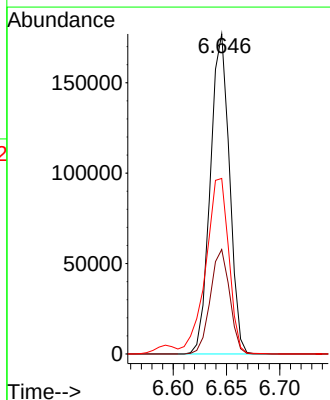
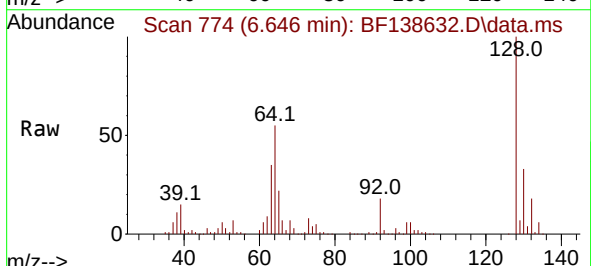
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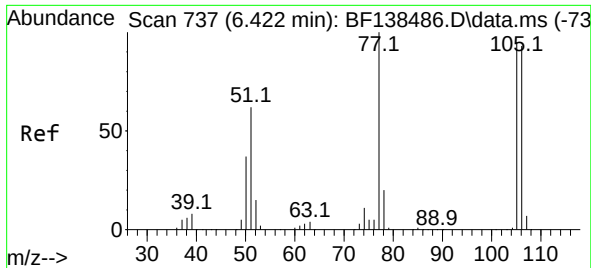
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#8
2-Chlorophenol
Concen: 40.846 ng
RT: 6.646 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:128 Resp: 220530
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 54.8 34.4 74.4





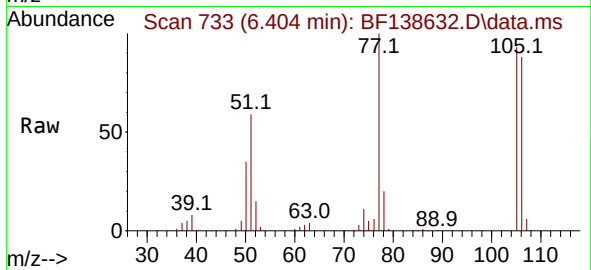
#9
Benzaldehyde
Concen: 39.612 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



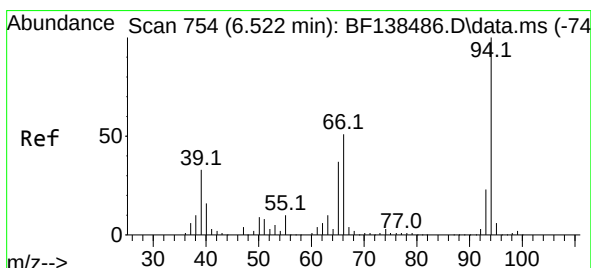
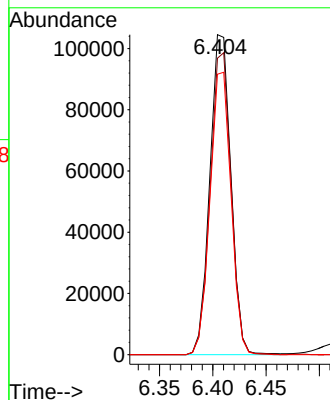
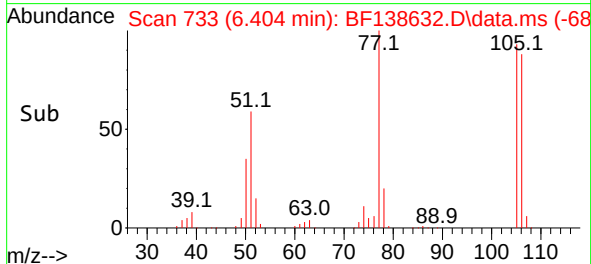
Tgt Ion: 77 Resp: 144018
Ion Ratio Lower Upper
77 100
105 92.7 75.1 115.1
106 87.6 73.2 113.2

Manual Integrations

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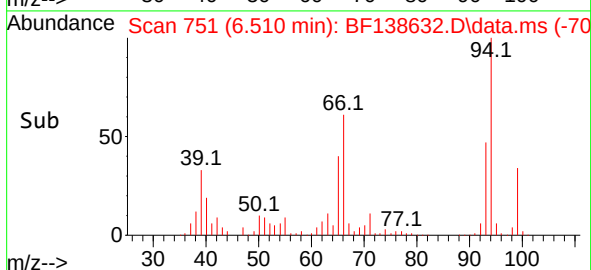
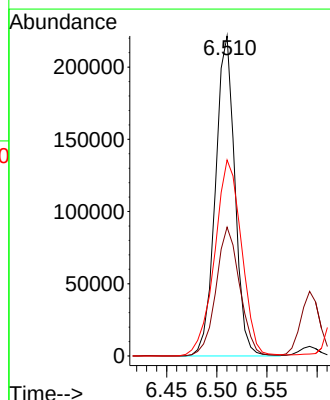
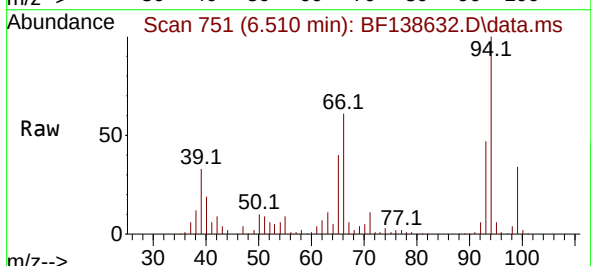
Reviewed By :Yogesh Patel 07/25/2024

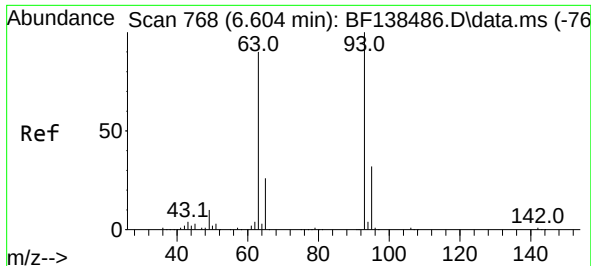
Supervised By :mohammad ahmed 07/25/2024



#10
Phenol
Concen: 41.295 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion: 94 Resp: 297735
Ion Ratio Lower Upper
94 100
65 40.3 16.7 56.7
66 61.3 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 40.985 ng
RT: 6.593 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

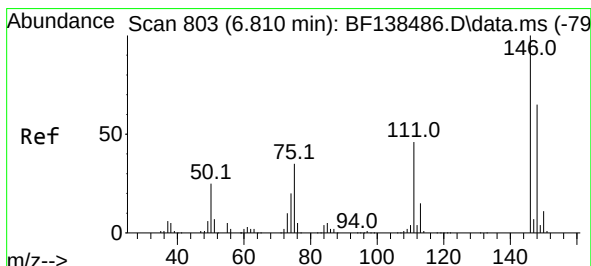
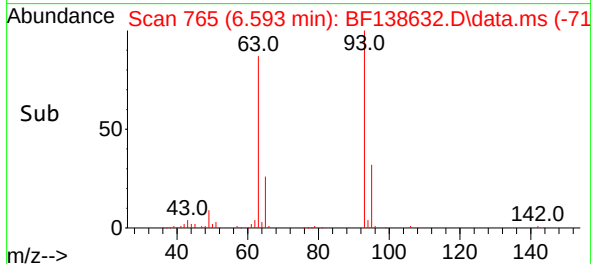
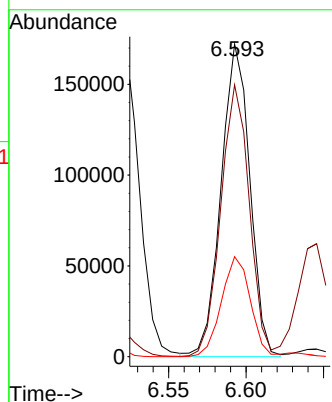
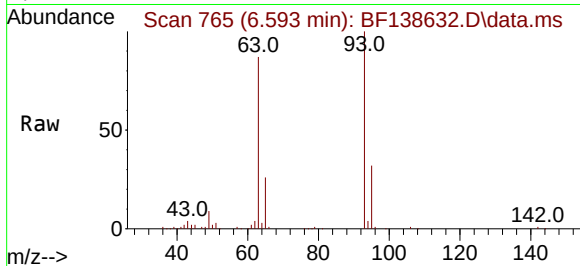
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 222483
Ion Ratio Lower Upper
93 100
63 87.0 68.8 108.8
95 32.0 11.8 51.8

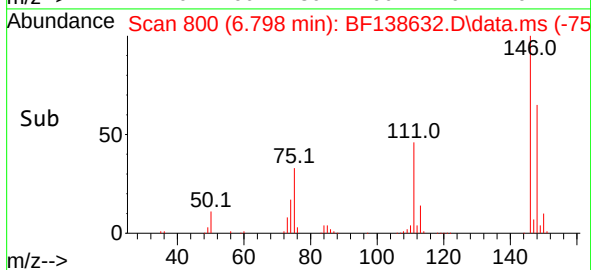
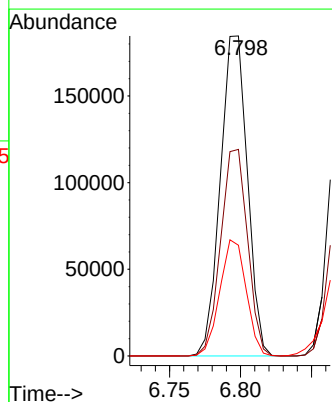
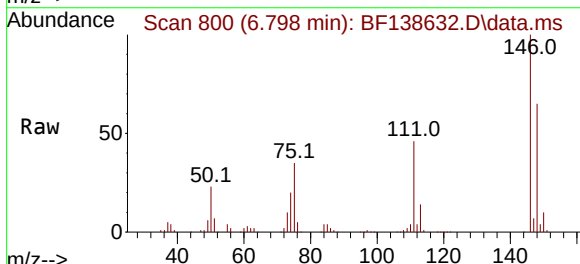
Manual Integrations
APPROVED

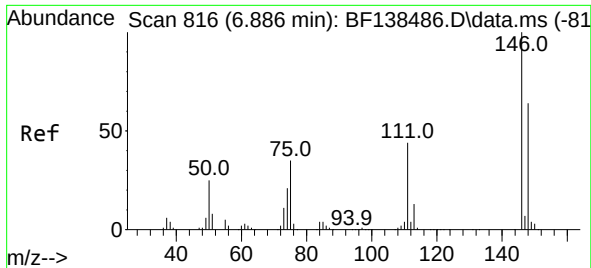
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#12
1,3-Dichlorobenzene
Concen: 40.348 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:146 Resp: 244868
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 34.6 27.8 41.8





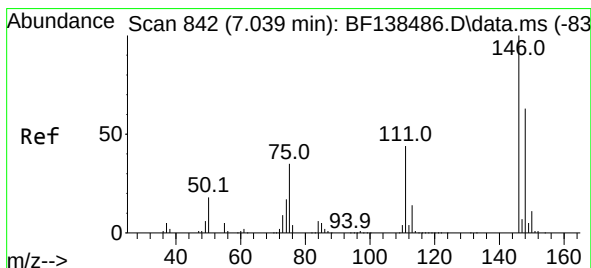
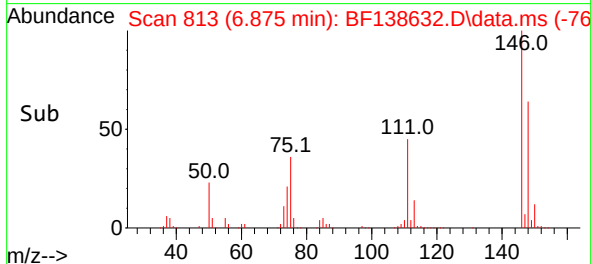
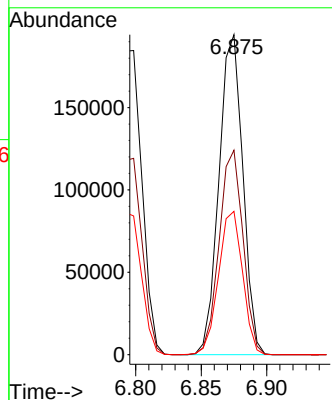
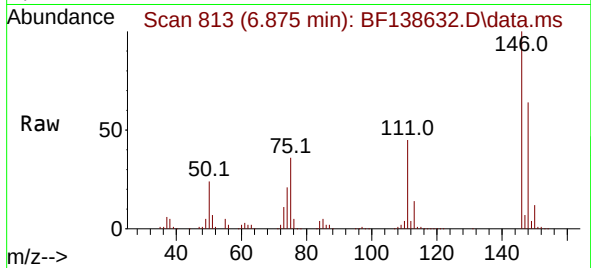
#13
1,4-Dichlorobenzene
Concen: 39.887 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 245814
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 44.8 34.9 52.3

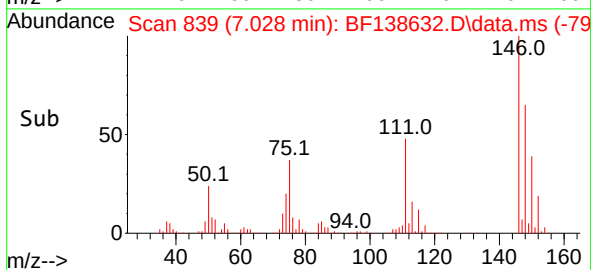
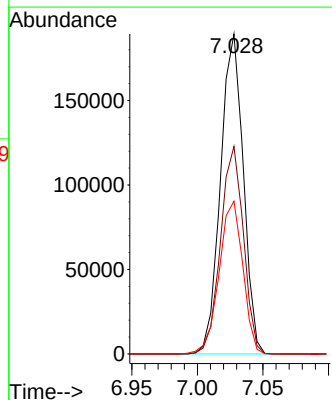
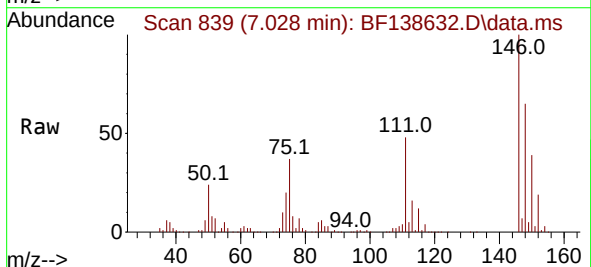
Manual Integrations
APPROVED

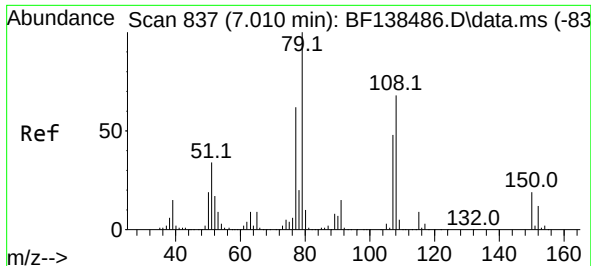
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#14
1,2-Dichlorobenzene
Concen: 39.746 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:146 Resp: 228135
Ion Ratio Lower Upper
146 100
148 64.8 50.1 75.1
111 47.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 40.593 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

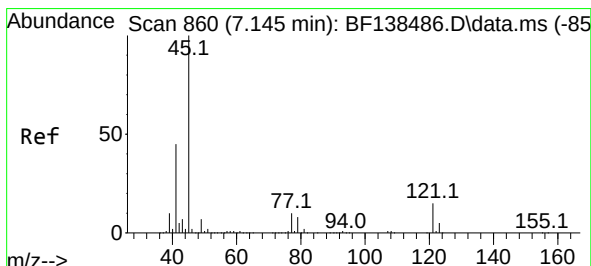
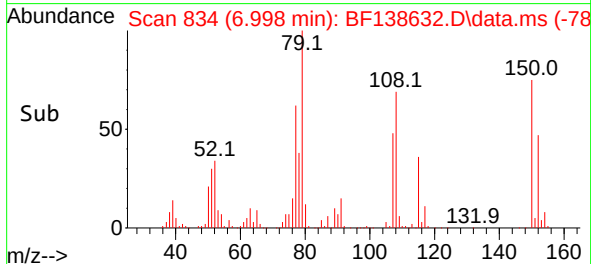
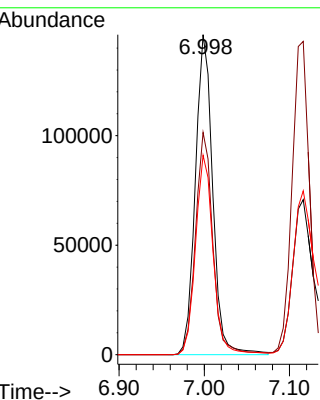
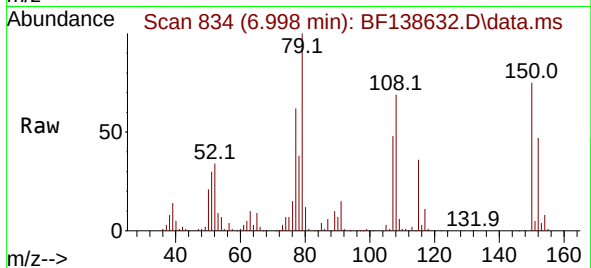
SSTDCCC040

Tgt Ion: 79 Resp: 206920
Ion Ratio Lower Upper
79 100
108 69.4 54.3 81.5
77 62.3 50.0 75.0

Manual Integrations

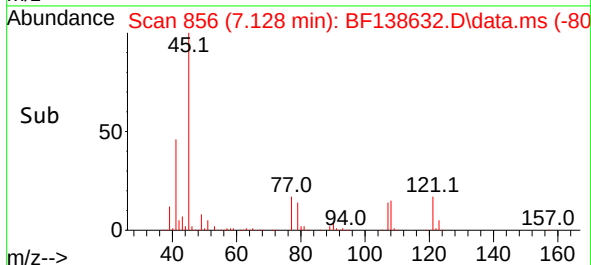
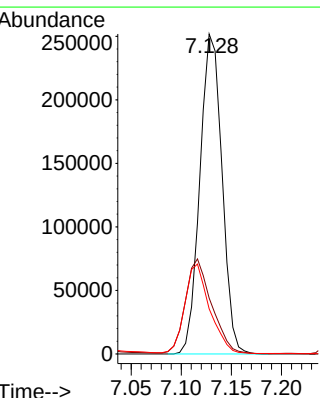
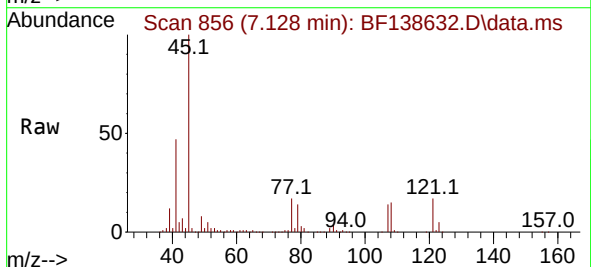
APPROVED

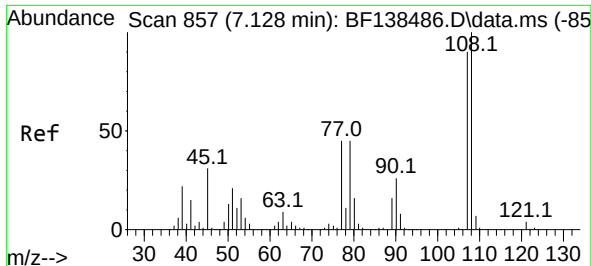
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.180 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion: 45 Resp: 386217
Ion Ratio Lower Upper
45 100
77 17.5 0.0 30.4
79 14.1 0.0 28.1





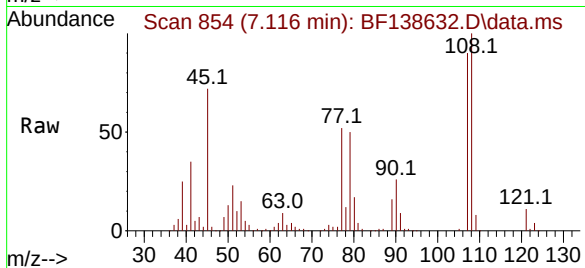
#17
2-Methylphenol
Concen: 41.785 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



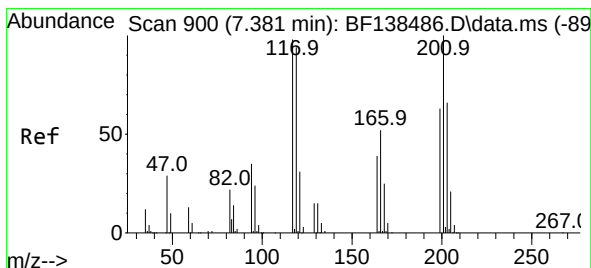
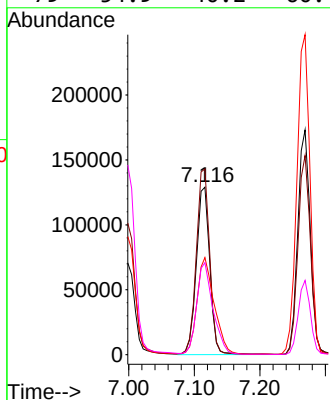
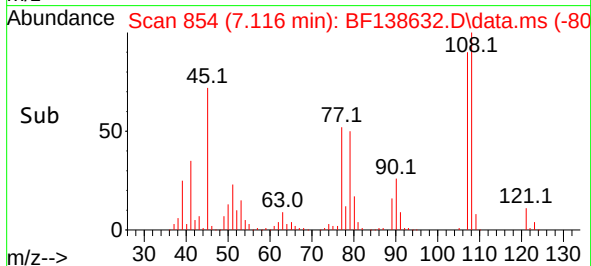
Tgt Ion:107 Resp: 18489
Ion Ratio Lower Upper
107 100
108 110.8 89.0 133.4
77 58.0 40.3 60.5
79 54.9 40.2 60.4

Manual Integrations

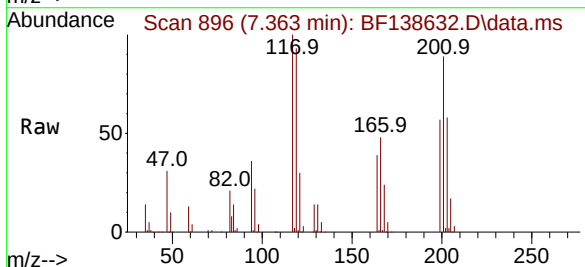
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

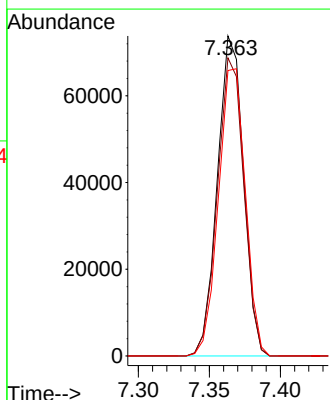
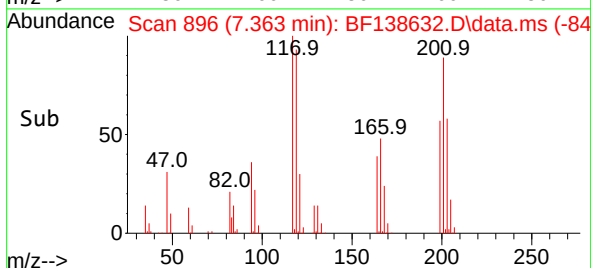
Supervised By :mohammad ahmed 07/25/2024

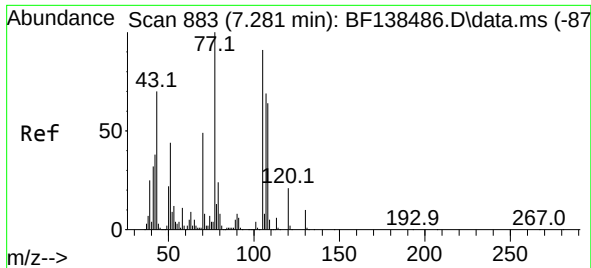


#18
Hexachloroethane
Concen: 41.672 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



Tgt Ion:117 Resp: 94412
Ion Ratio Lower Upper
117 100
119 93.2 76.6 114.8
201 89.2 81.4 122.0





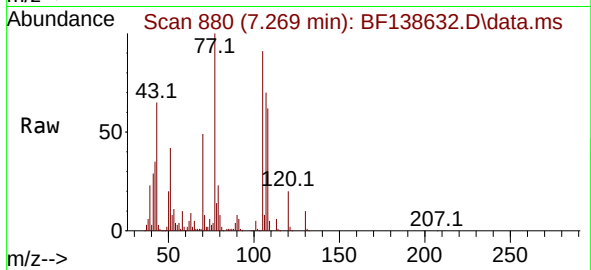
#19
n-Nitroso-di-n-propylamine
Concen: 39.646 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



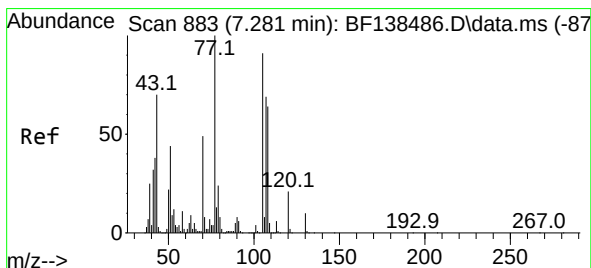
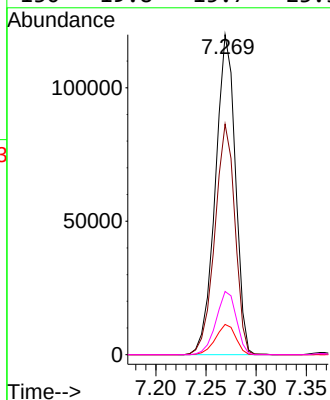
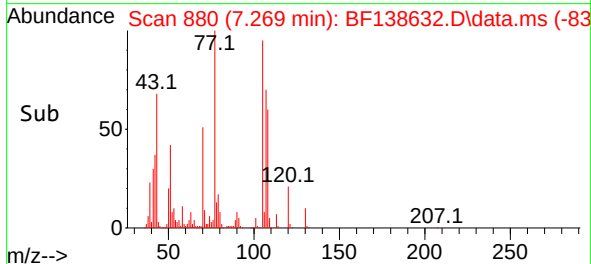
Tgt Ion: 70 Resp: 166399
Ion Ratio Lower Upper
70 100
42 72.1 62.4 93.6
101 9.5 7.2 10.8
130 19.8 15.7 23.5

Manual Integrations

APPROVED

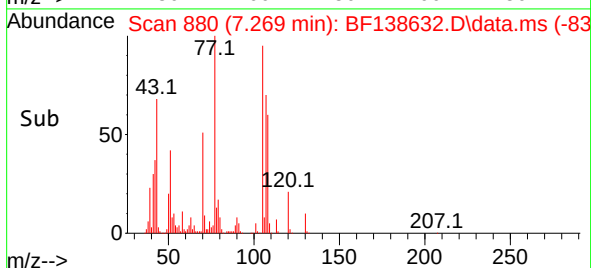
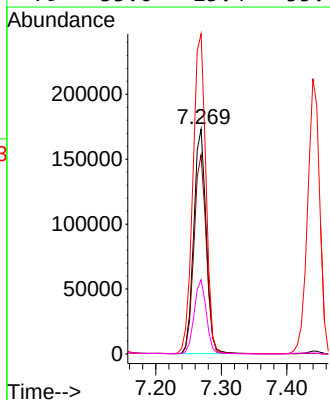
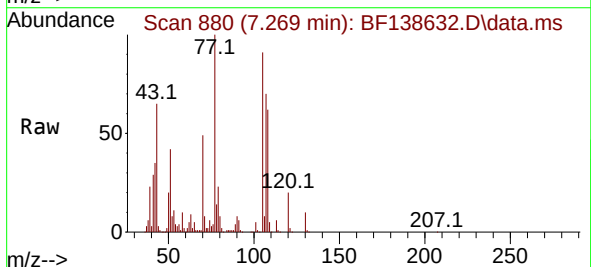
Reviewed By :Yogesh Patel 07/25/2024

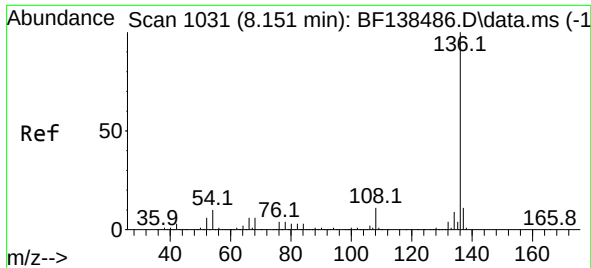
Supervised By :mohammad ahmed 07/25/2024



#20
3+4-Methylphenols
Concen: 40.876 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:107 Resp: 227766
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 142.3 126.0 166.0
79 33.0 15.4 55.4





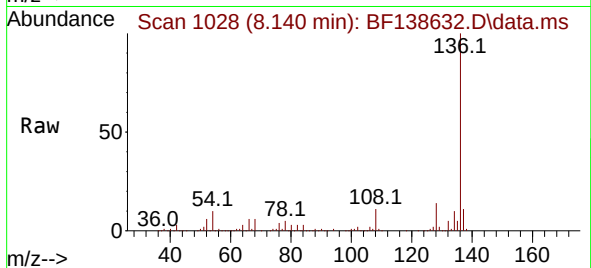
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



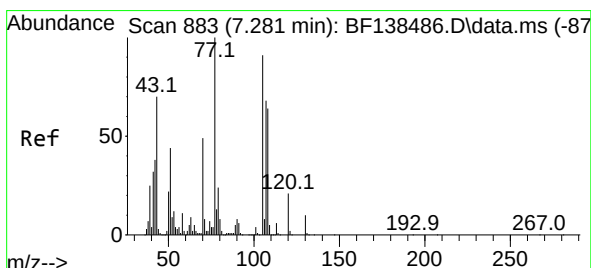
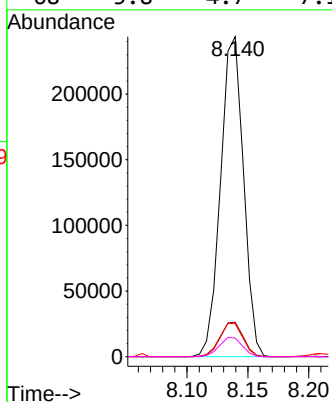
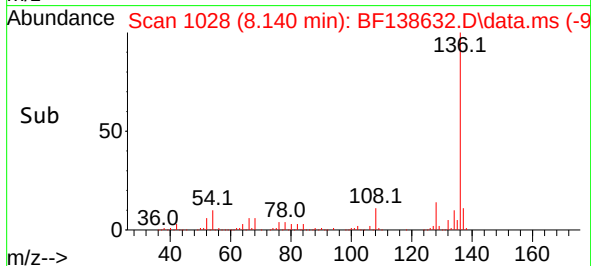
Tgt Ion:136 Resp: 31975
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 8.1 12.1
68 5.8 4.7 7.1

Manual Integrations

APPROVED

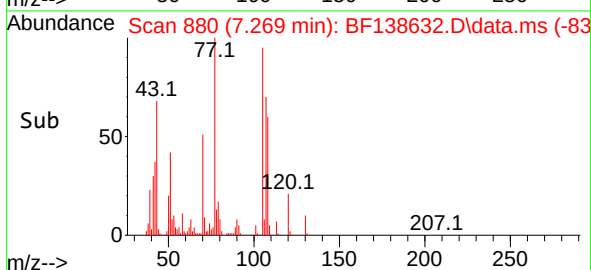
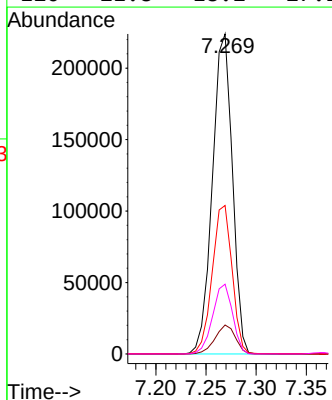
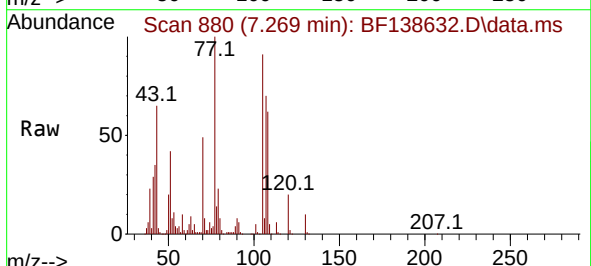
Reviewed By :Yogesh Patel 07/25/2024

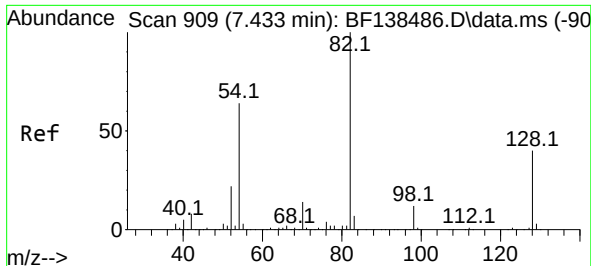
Supervised By :mohammad ahmed 07/25/2024



#22
Acetophenone
Concen: 39.920 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:105 Resp: 310019
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.2
51 46.4 38.7 58.1
120 21.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 81.462 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 53053

Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

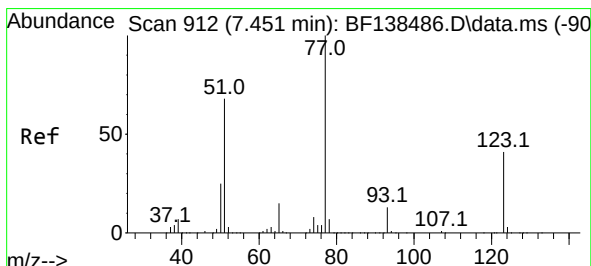
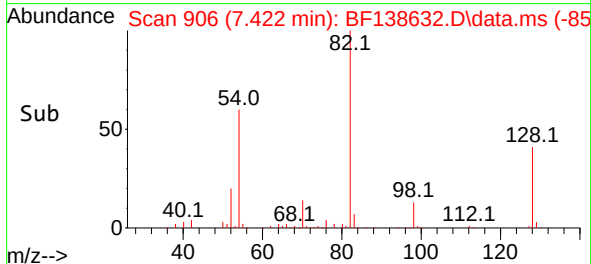
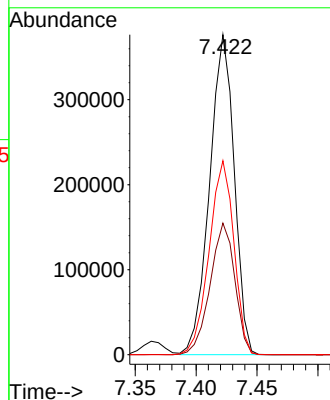
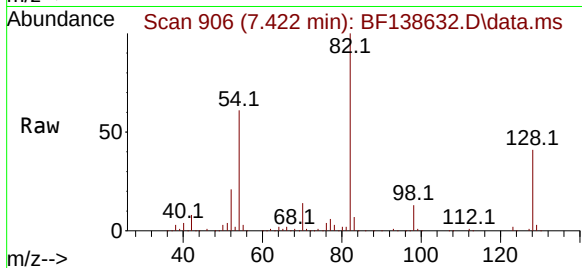
54 60.6 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#24

Nitrobenzene

Concen: 40.959 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

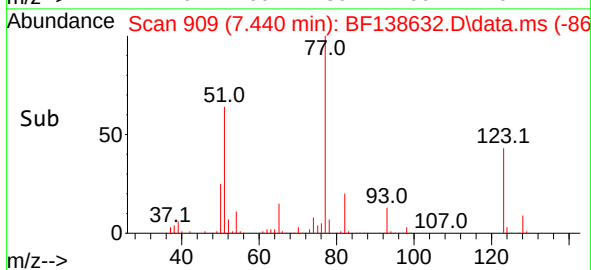
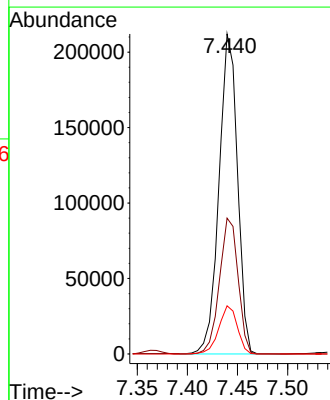
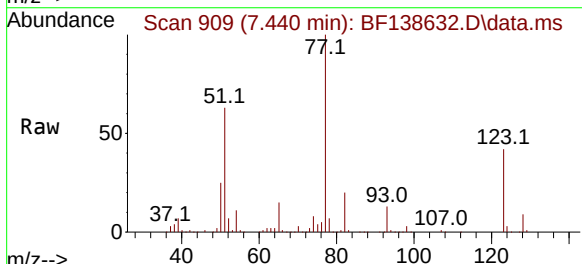
Tgt Ion: 77 Resp: 271077

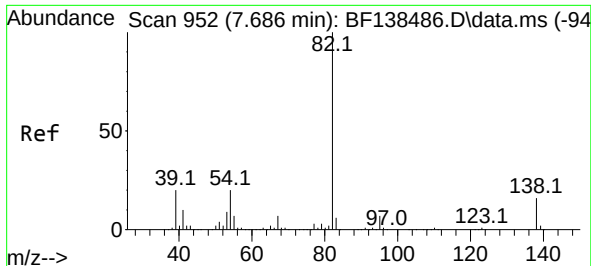
Ion Ratio Lower Upper

77 100

123 42.5 32.4 48.6

65 15.1 11.8 17.8





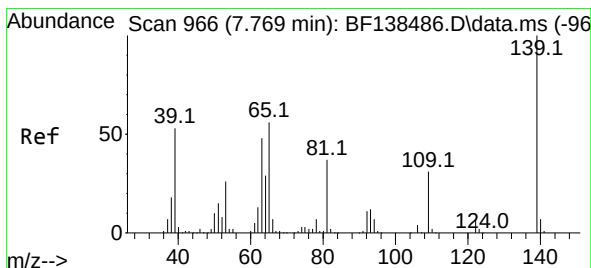
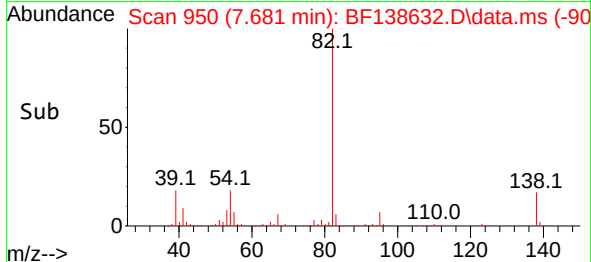
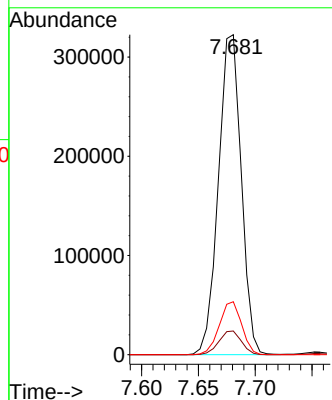
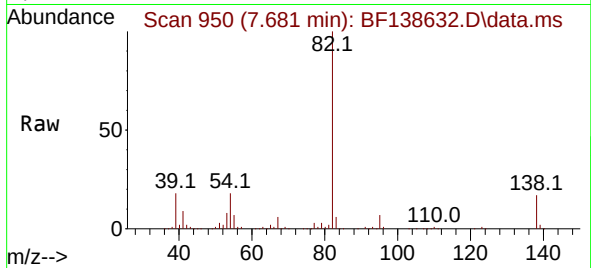
#25
Isophorone
Concen: 40.373 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 451534
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.6 12.8 19.2

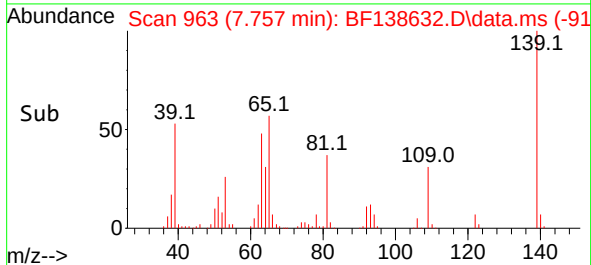
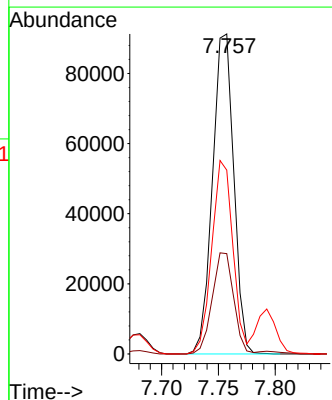
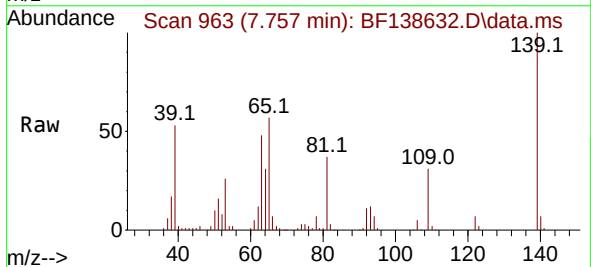
Manual Integrations
APPROVED

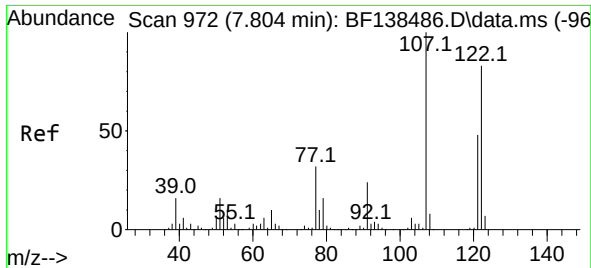
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#26
2-Nitrophenol
Concen: 41.931 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:139 Resp: 118942
Ion Ratio Lower Upper
139 100
109 31.3 24.8 37.2
65 57.5 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 40.126 ng
RT: 7.793 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

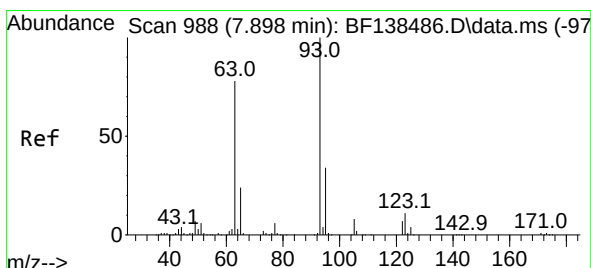
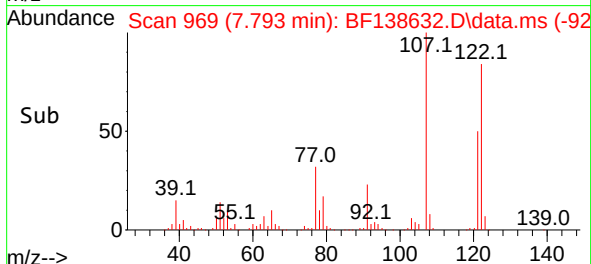
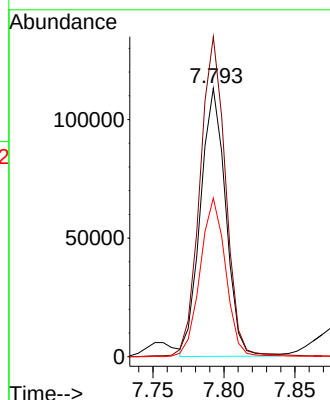
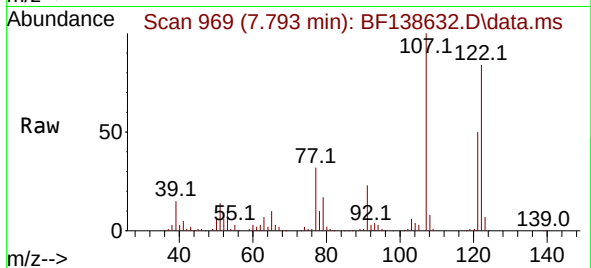
SSTDCCC040

Tgt Ion:122 Resp: 139894
Ion Ratio Lower Upper
122 100
107 119.2 96.3 144.5
121 59.1 46.7 70.1

Manual Integrations

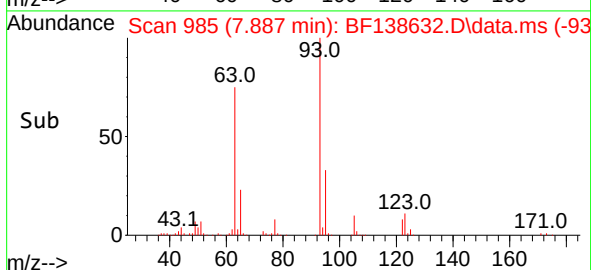
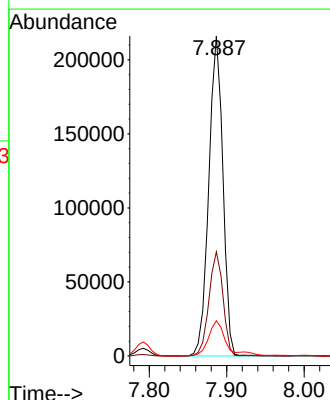
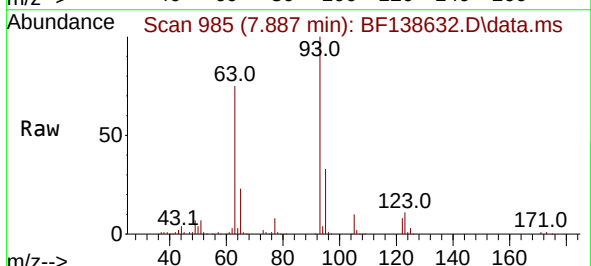
APPROVED

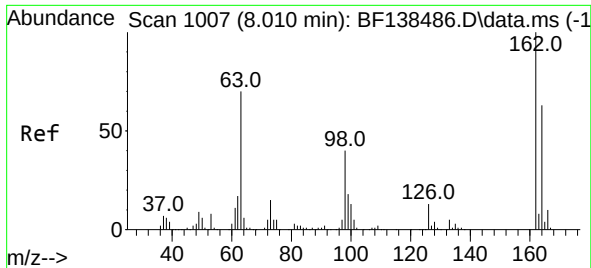
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.839 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion: 93 Resp: 272972
Ion Ratio Lower Upper
93 100
95 32.6 27.0 40.6
123 11.0 9.1 13.7





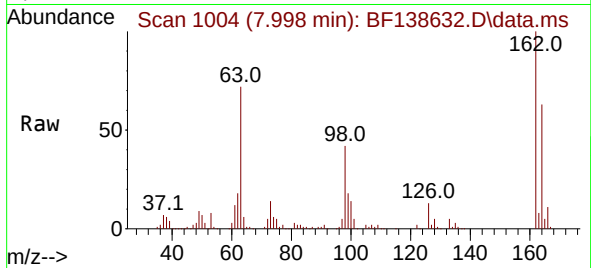
#29
2,4-Dichlorophenol
Concen: 40.052 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



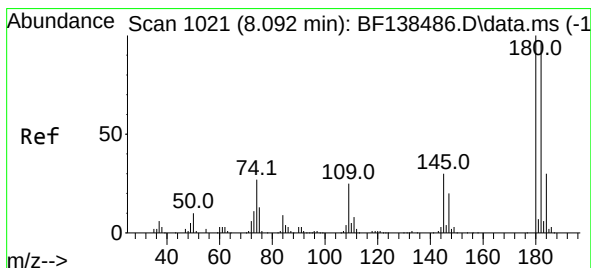
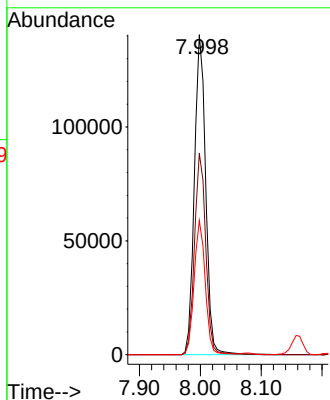
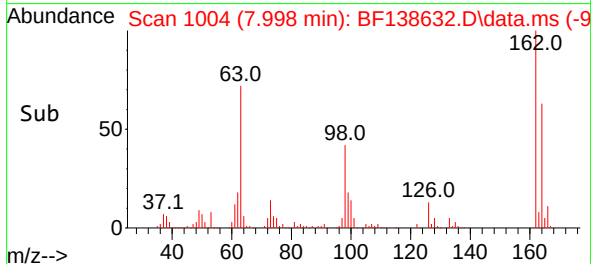
Tgt Ion:162 Resp: 181328
Ion Ratio Lower Upper
162 100
164 62.9 42.6 82.6
98 41.9 20.1 60.1

Manual Integrations

APPROVED

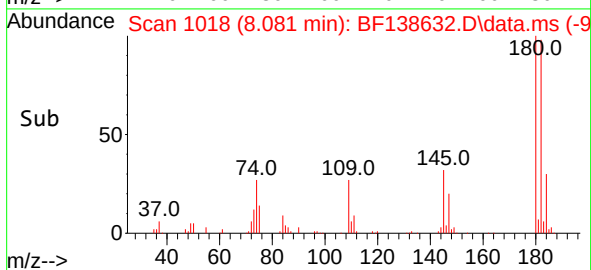
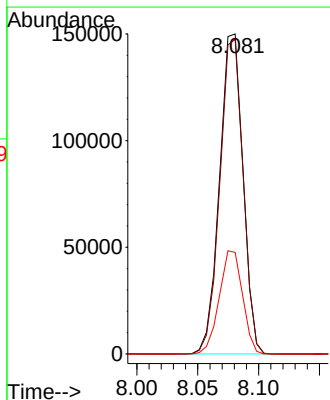
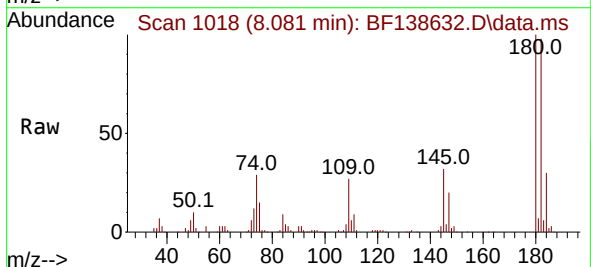
Reviewed By :Yogesh Patel 07/25/2024

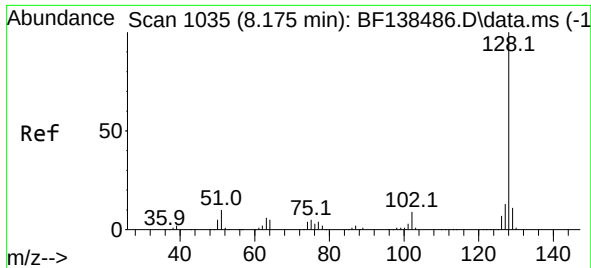
Supervised By :mohammad ahmed 07/25/2024



#30
1,2,4-Trichlorobenzene
Concen: 38.145 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:180 Resp: 201176
Ion Ratio Lower Upper
180 100
182 98.3 76.9 115.3
145 31.8 23.9 35.9





#31
Naphthalene
Concen: 40.212 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

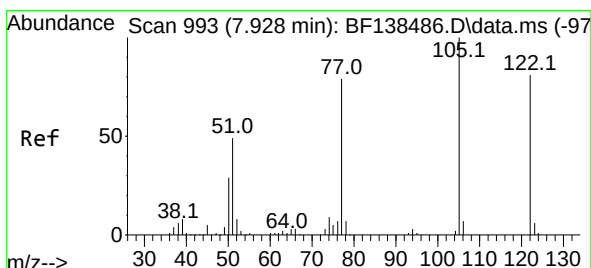
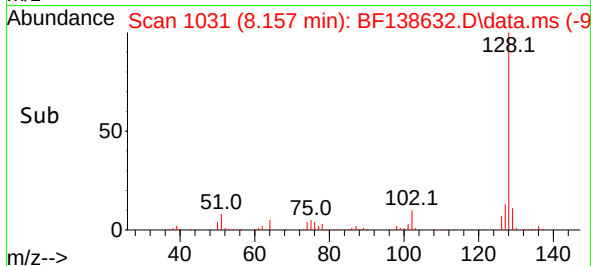
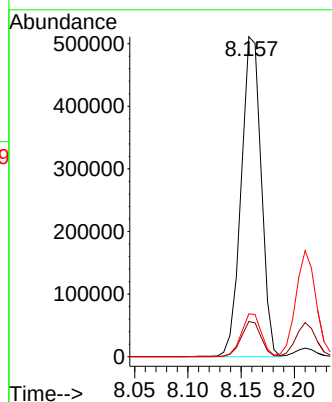
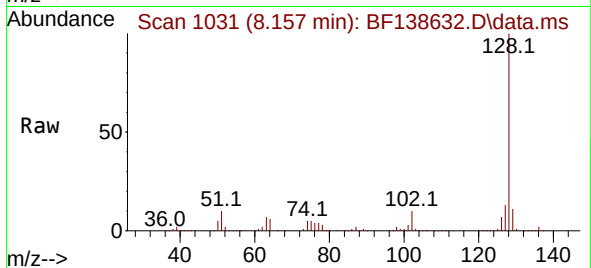
Tgt Ion:128 Resp: 668712
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1

Manual Integrations

APPROVED

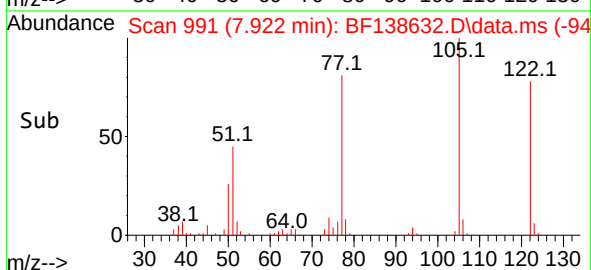
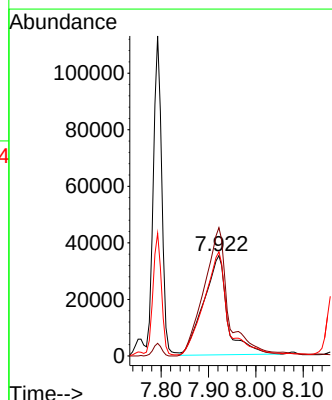
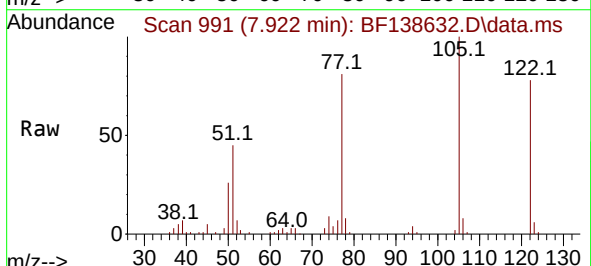
Reviewed By :Yogesh Patel 07/25/2024

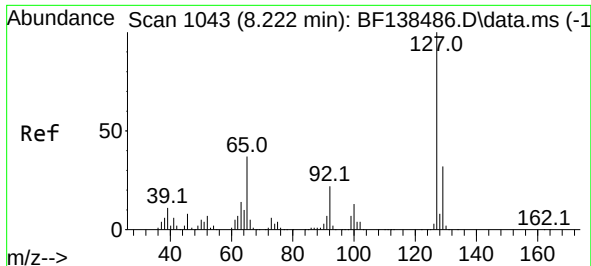
Supervised By :mohammad ahmed 07/25/2024



#32
Benzoic acid
Concen: 36.907 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:122 Resp: 122723
Ion Ratio Lower Upper
122 100
105 127.8 101.5 141.5
77 103.8 77.3 117.3





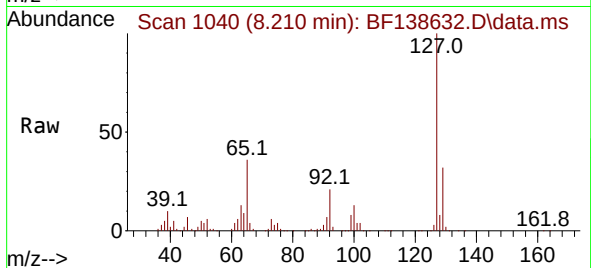
#33
4-Chloroaniline
Concen: 38.690 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



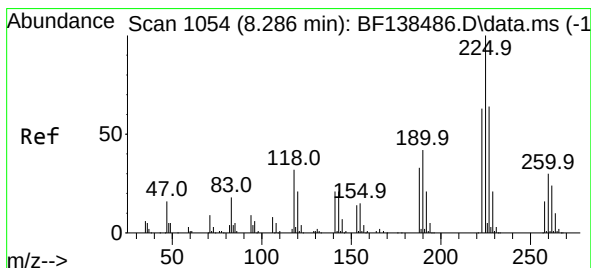
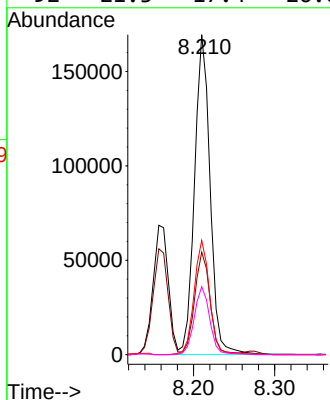
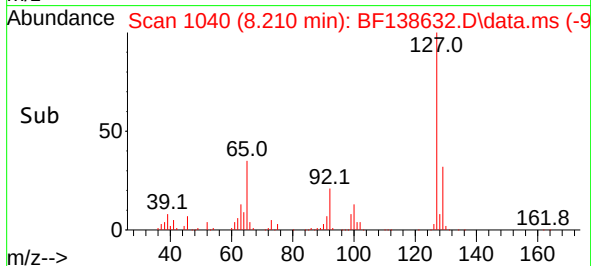
Tgt Ion:127 Resp: 225752
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 35.7 29.6 44.4
92 21.3 17.4 26.0

Manual Integrations

APPROVED

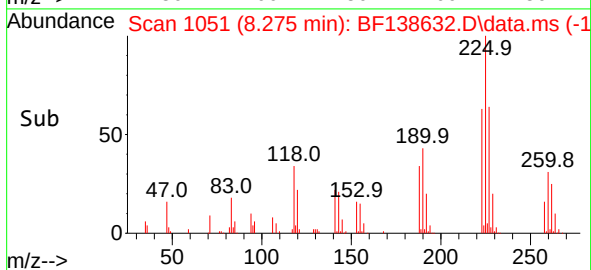
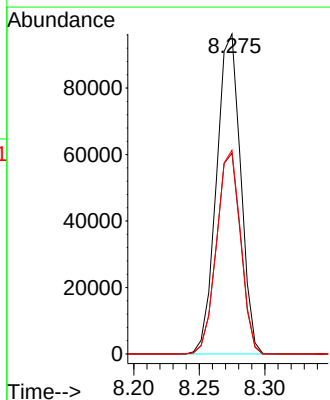
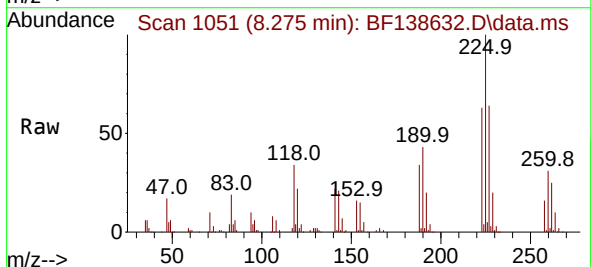
Reviewed By :Yogesh Patel 07/25/2024

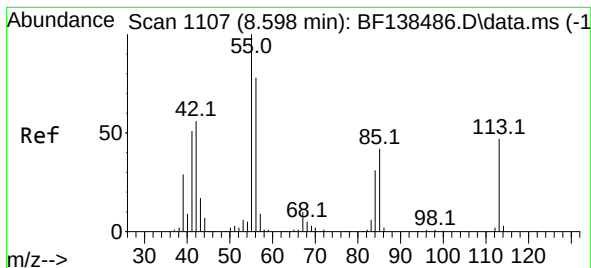
Supervised By :mohammad ahmed 07/25/2024



#34
Hexachlorobutadiene
Concen: 37.883 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:225 Resp: 123031
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.7 51.0 76.6





#35

Caprolactam

Concen: 39.492 ng

RT: 8.587 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

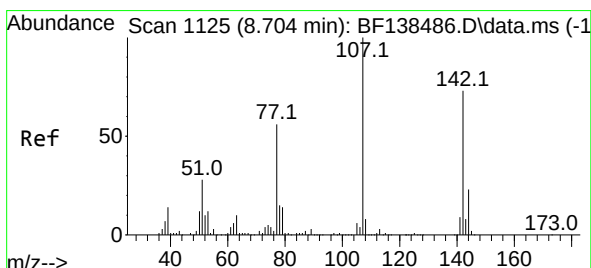
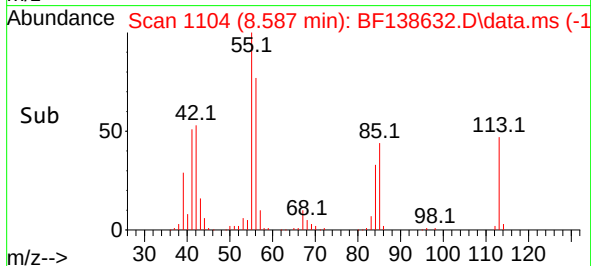
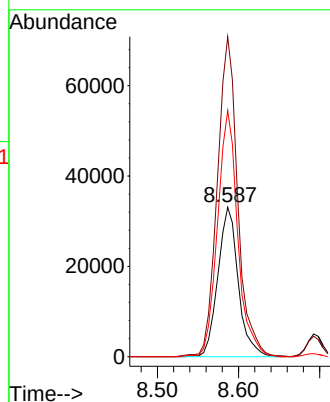
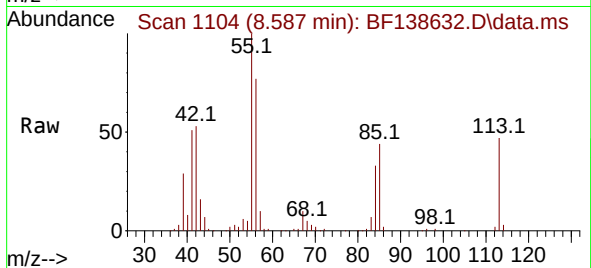
Tgt Ion:113 Resp: 57694
 Ion Ratio Lower Upper
 113 100
 55 214.1 192.5 232.5
 56 164.7 145.3 185.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#36

4-Chloro-3-methylphenol

Concen: 40.779 ng

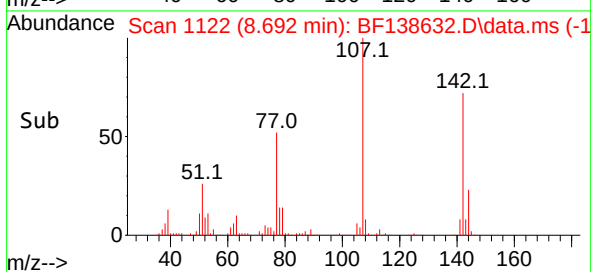
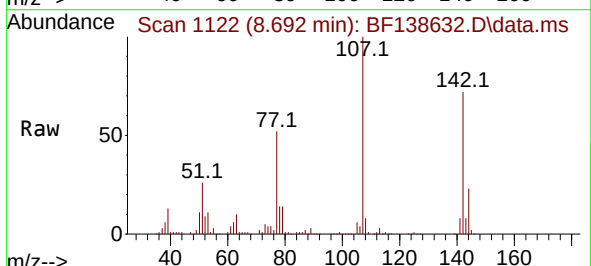
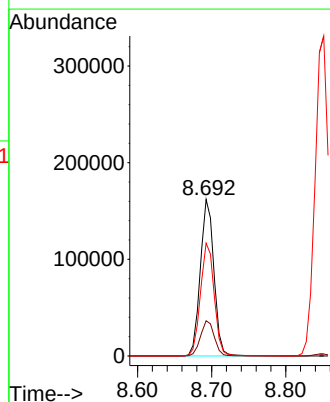
RT: 8.692 min Scan# 1122

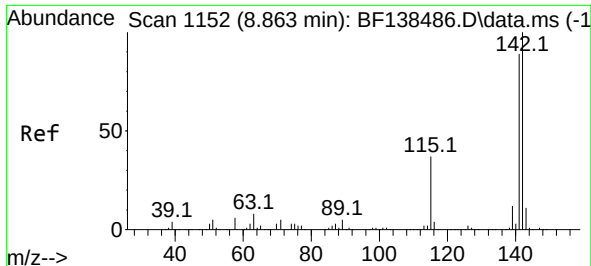
Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Tgt Ion:107 Resp: 206685
 Ion Ratio Lower Upper
 107 100
 144 22.5 18.6 27.8
 142 72.1 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.600 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 423792

Ion Ratio Lower Upper

142 100

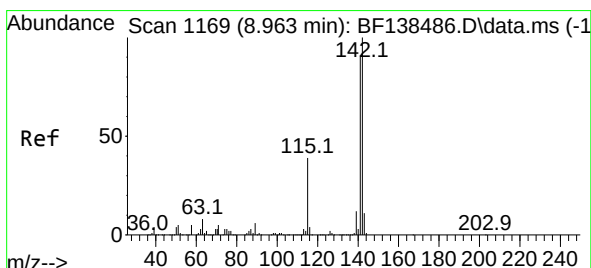
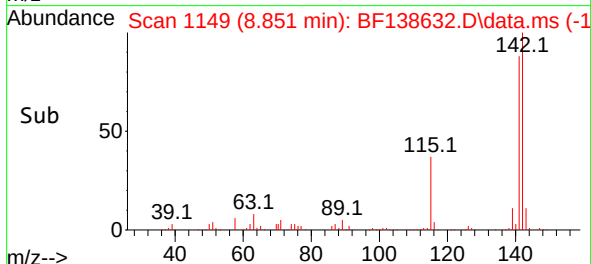
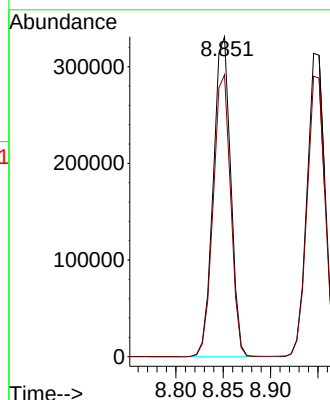
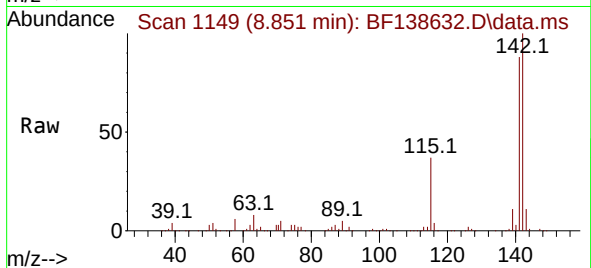
141 88.1 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#38

1-Methylnaphthalene

Concen: 39.285 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.017 min

Lab File: BF138632.D

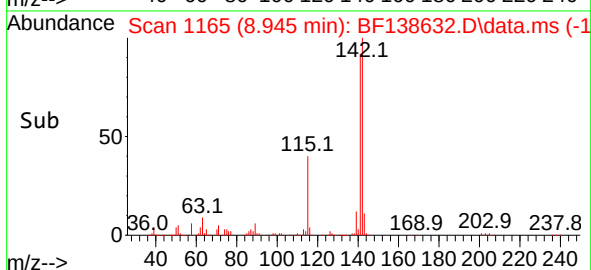
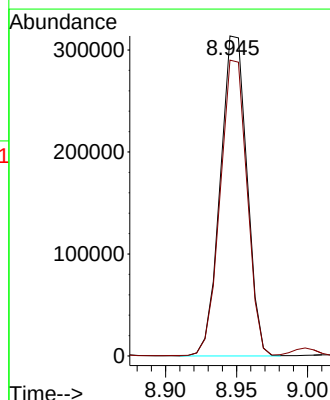
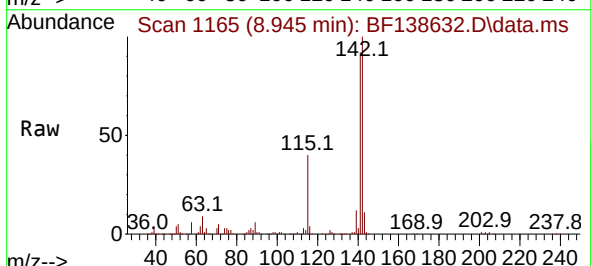
Acq: 24 Jul 2024 11:02

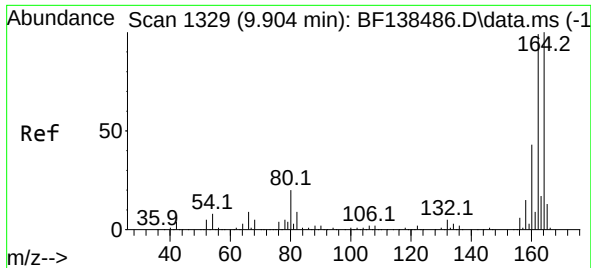
Tgt Ion:142 Resp: 410308

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8





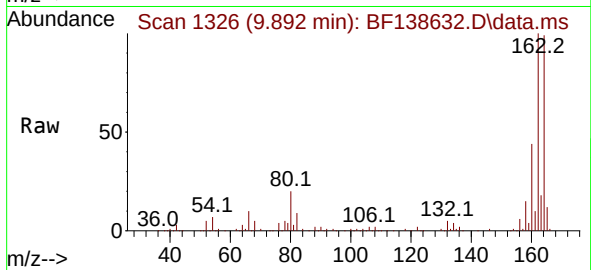
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



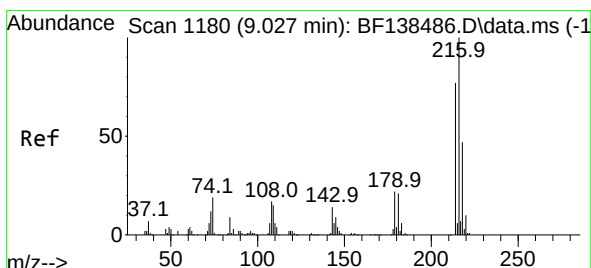
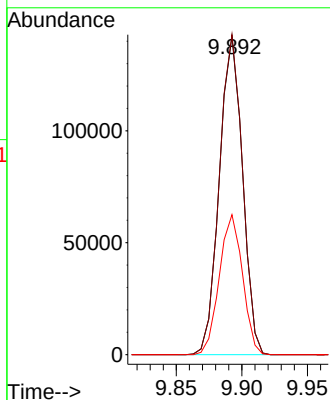
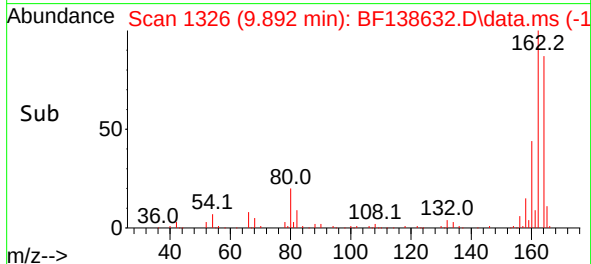
Tgt Ion:164 Resp: 17456
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.6
160 44.0 34.4 51.6

Manual Integrations

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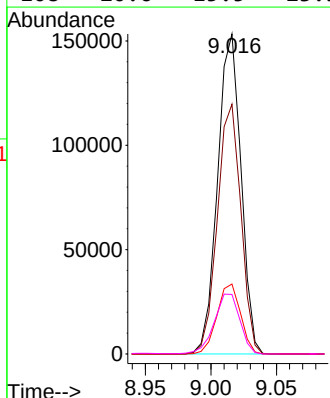
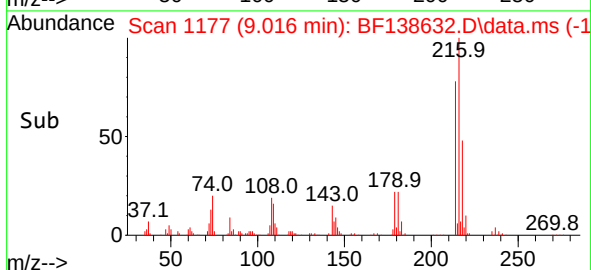
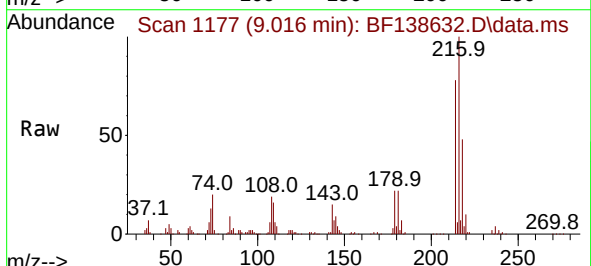
Reviewed By :Yogesh Patel 07/25/2024

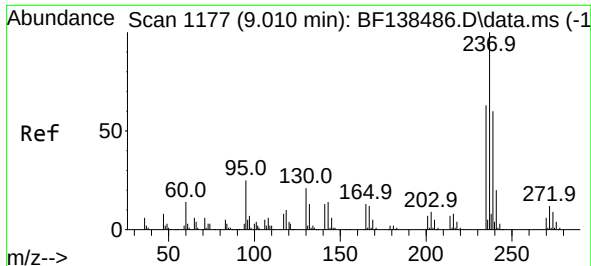
Supervised By :mohammad ahmed 07/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.044 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:216 Resp: 189959
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 22.1 17.7 26.5
108 20.6 15.5 23.3





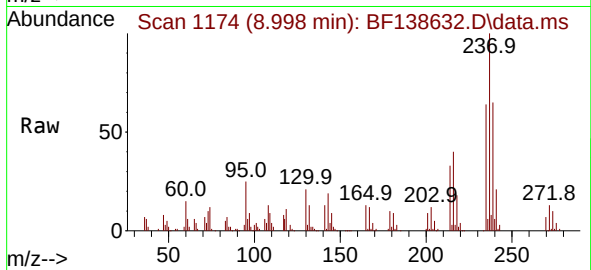
#41
Hexachlorocyclopentadiene
Concen: 45.692 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



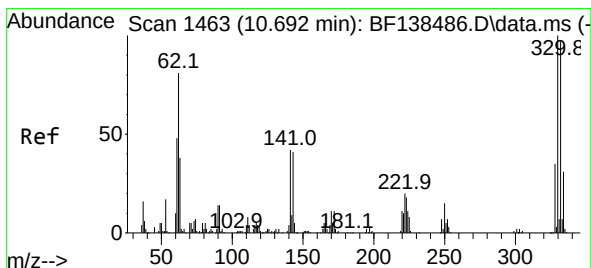
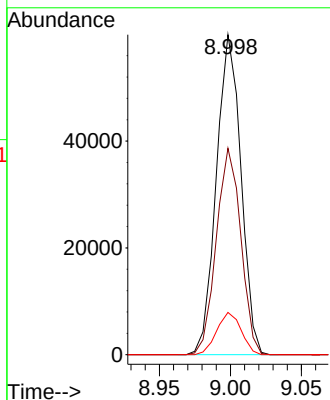
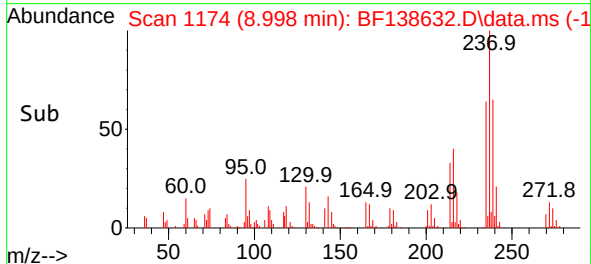
Tgt Ion:237 Resp: 7215
Ion Ratio Lower Upper
237 100
235 64.5 43.3 83.3
272 13.2 0.0 32.3

Manual Integrations

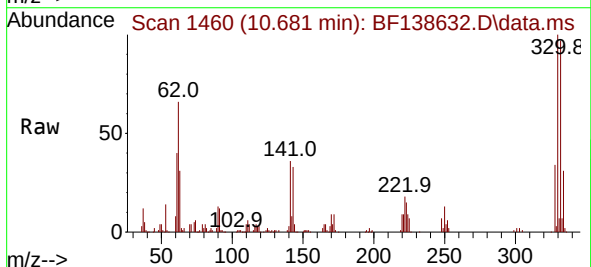
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

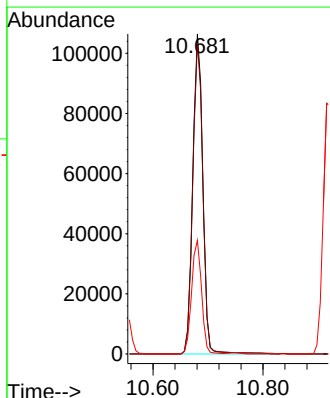
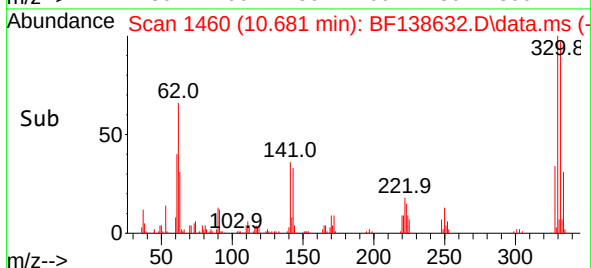
Supervised By :mohammad ahmed 07/25/2024

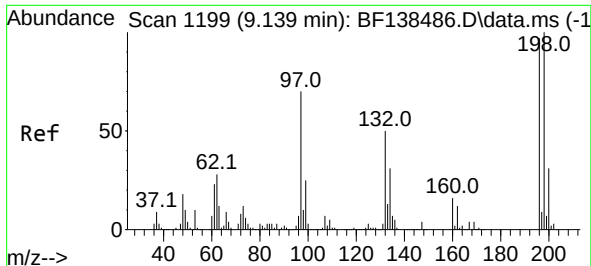


#42
2,4,6-Tribromophenol
Concen: 83.019 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



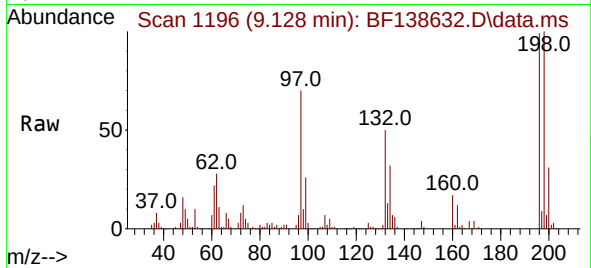
Tgt Ion:330 Resp: 135445
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 35.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 38.438 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

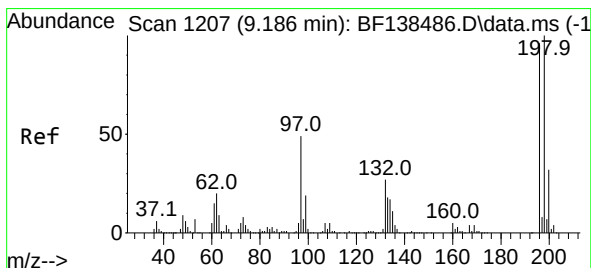
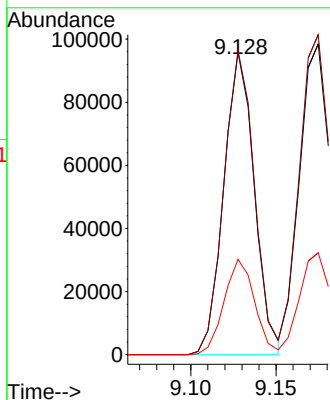
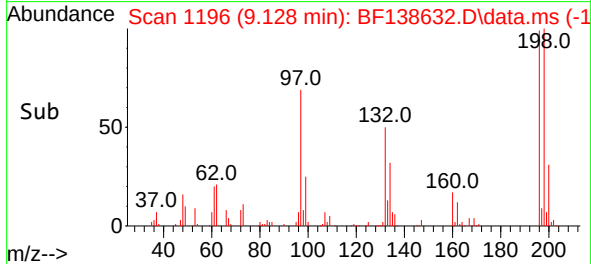
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 11929
Ion Ratio Lower Upper
196 100
198 100.7 82.3 123.5
200 31.5 25.8 38.6

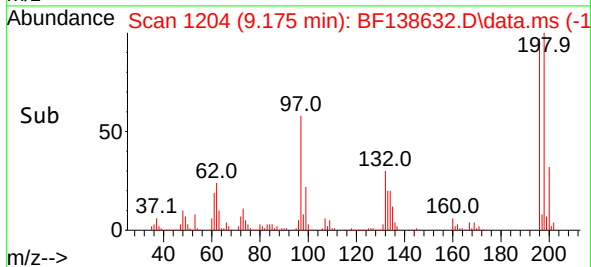
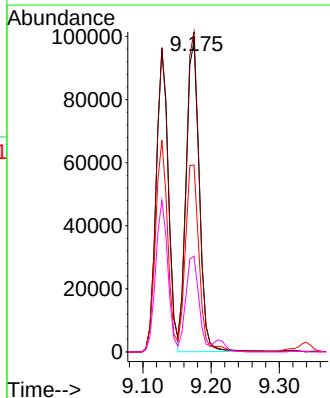
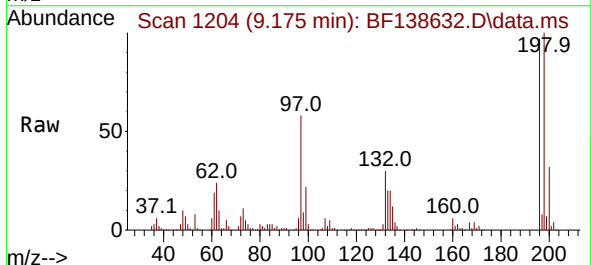
Manual Integrations
APPROVED

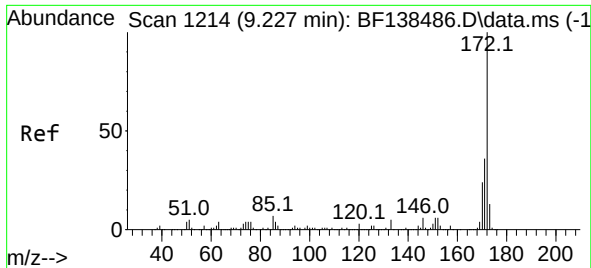
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#44
2,4,5-Trichlorophenol
Concen: 37.984 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:196 Resp: 129655
Ion Ratio Lower Upper
196 100
198 103.0 82.8 124.2
97 60.1 41.0 61.4
132 30.8 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 79.232 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

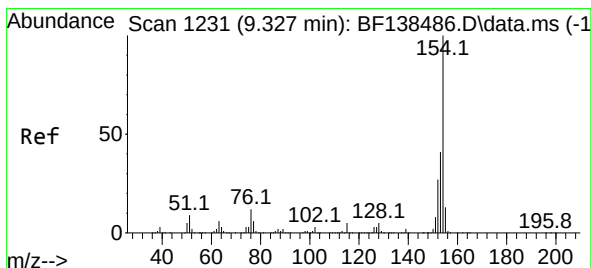
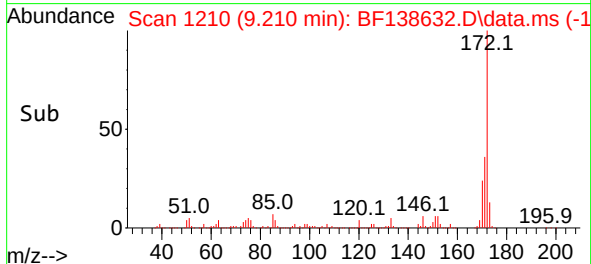
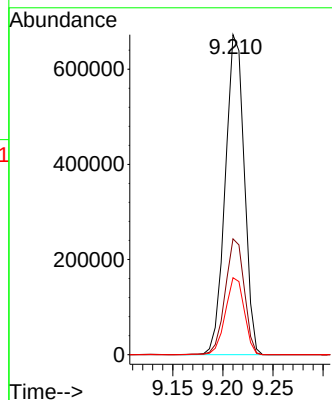
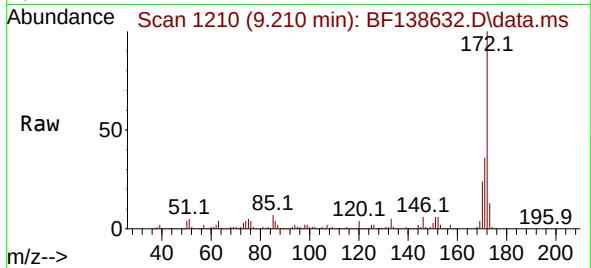
SSTDCCC040

Tgt Ion:172 Resp: 884960
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3

Manual Integrations

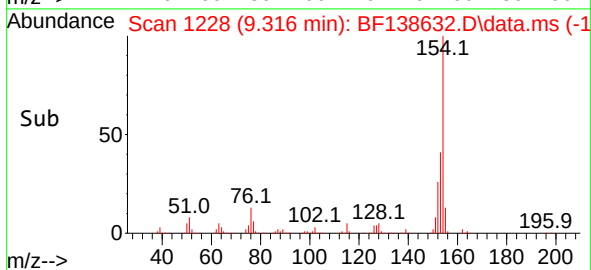
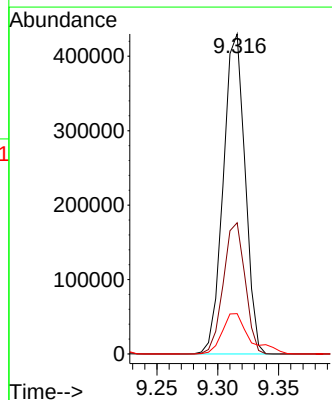
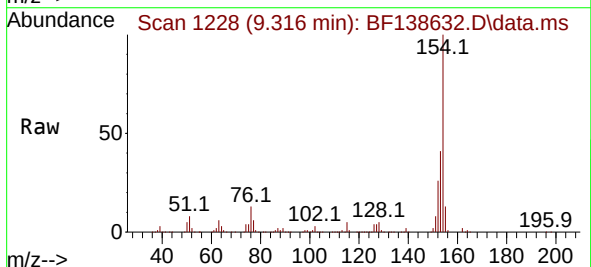
APPROVED

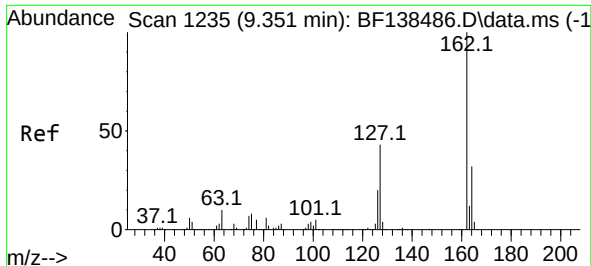
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#46
1,1'-Biphenyl
Concen: 40.501 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:154 Resp: 535798
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.508 ng

RT: 9.339 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138632.D

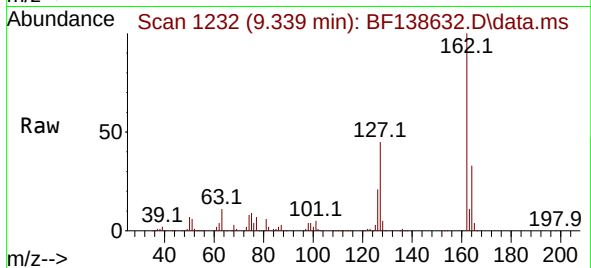
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



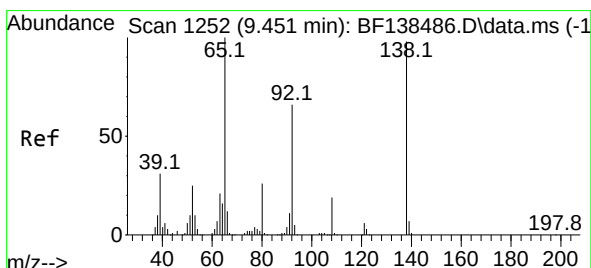
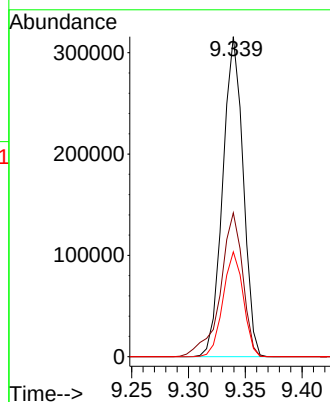
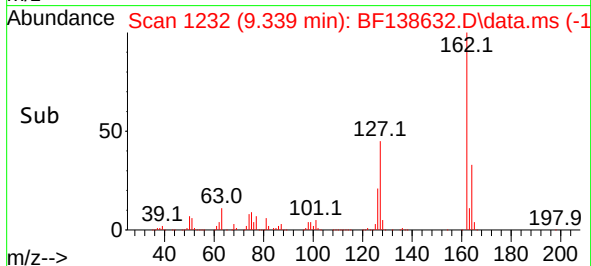
Tgt Ion:	162	Resp:	39485
Ion Ratio	Lower	Upper	
162	100		
127	44.9	34.8	52.2
164	32.7	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#48

2-Nitroaniline

Concen: 42.095 ng

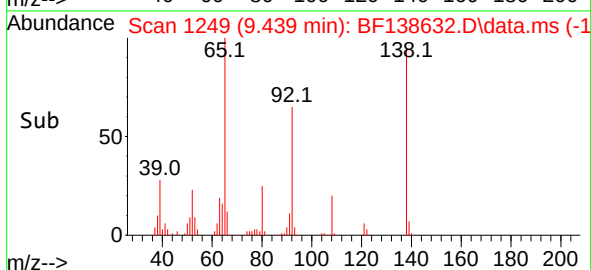
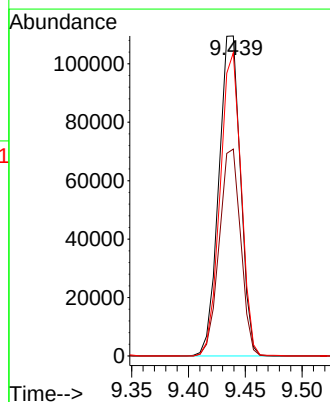
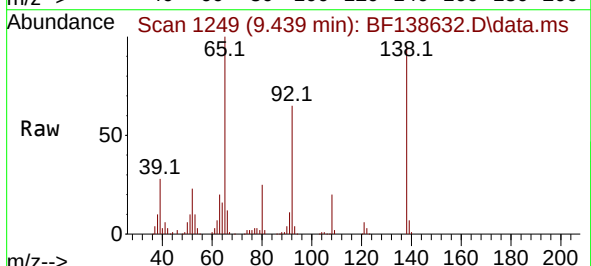
RT: 9.439 min Scan# 1249

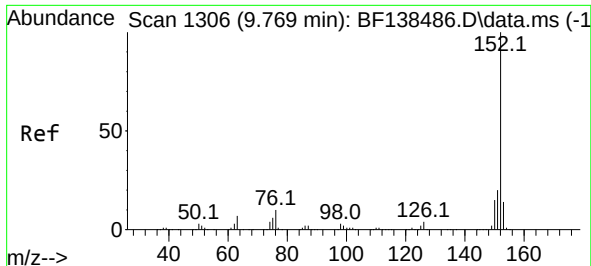
Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Tgt Ion:	65	Resp:	145786
Ion Ratio	Lower	Upper	
65	100		
92	64.7	52.6	78.8
138	94.8	78.6	118.0





#49

Acenaphthylene

Concen: 40.453 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

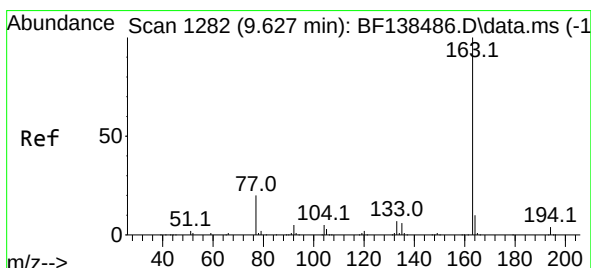
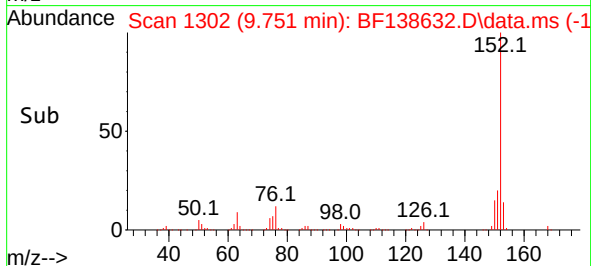
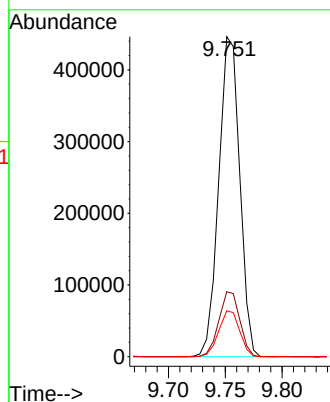
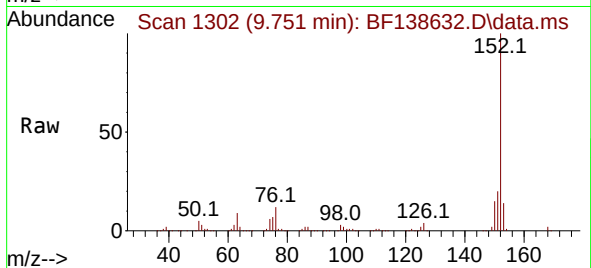
SSTDCCC040

Tgt Ion:152 Resp: 574000
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 14.4 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#50

Dimethylphthalate

Concen: 40.020 ng

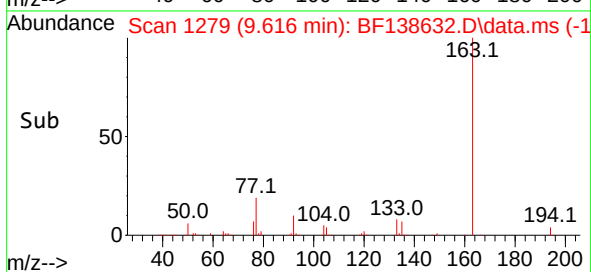
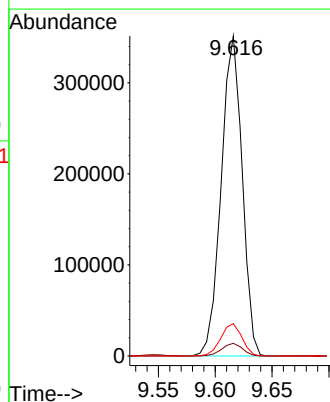
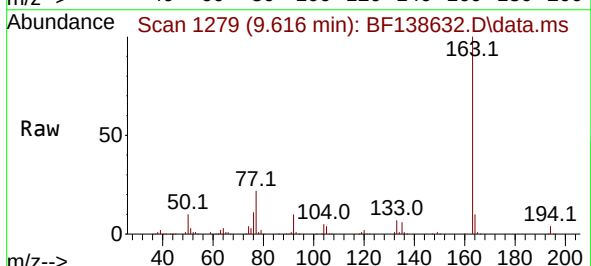
RT: 9.616 min Scan# 1279

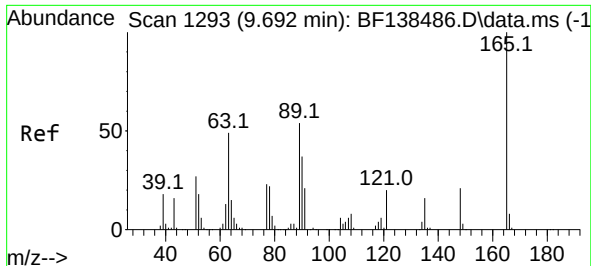
Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Tgt Ion:163 Resp: 451733
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 10.1 8.1 12.1





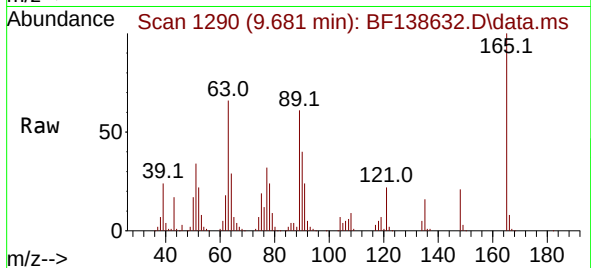
#51
2,6-Dinitrotoluene
Concen: 40.552 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



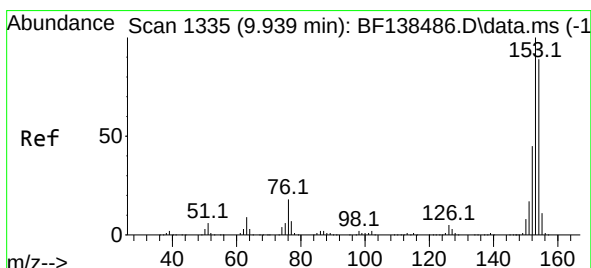
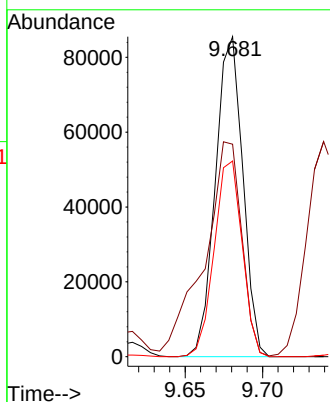
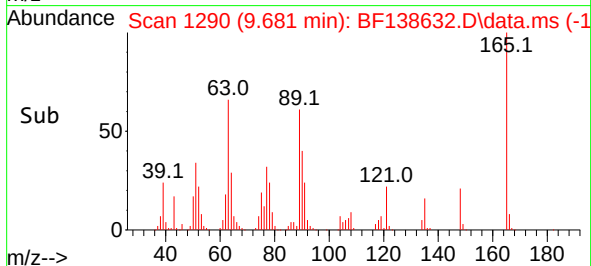
Tgt Ion:165 Resp: 105394
Ion Ratio Lower Upper
165 100
63 66.4 48.1 72.1
89 61.1 43.0 64.6

Manual Integrations

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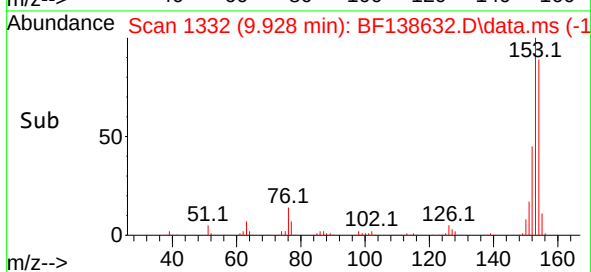
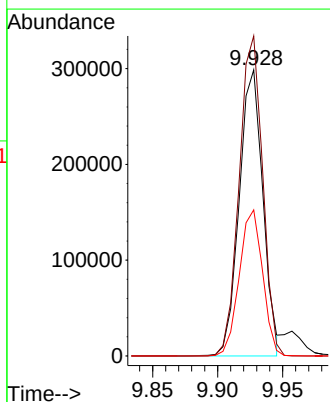
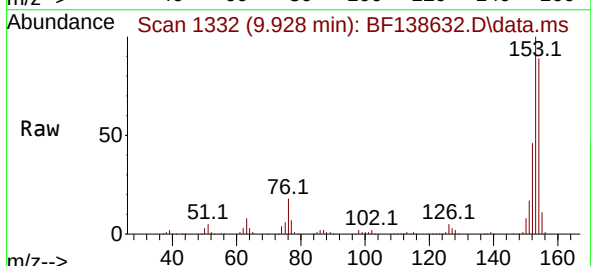
Reviewed By :Yogesh Patel 07/25/2024

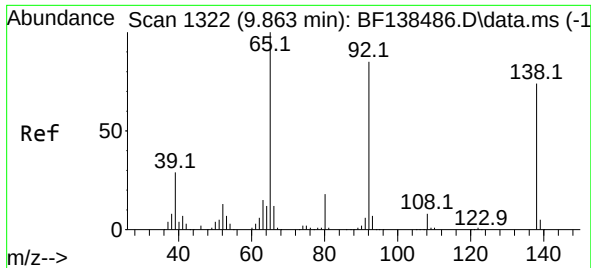
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 40.143 ng m
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:154 Resp: 378632
Ion Ratio Lower Upper
154 100
153 111.8 90.4 135.6
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 39.142 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

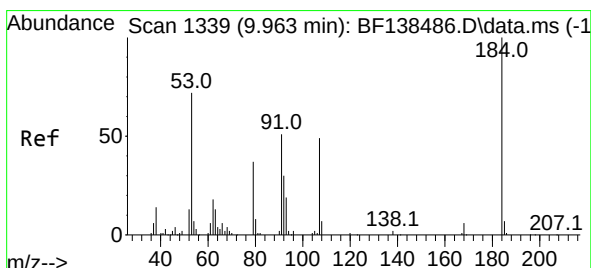
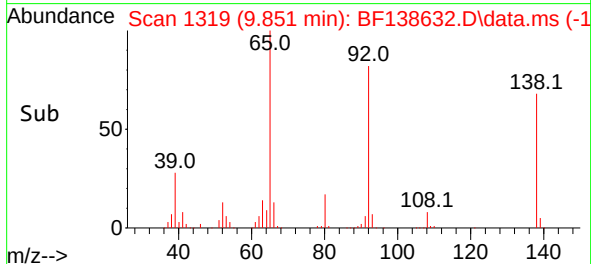
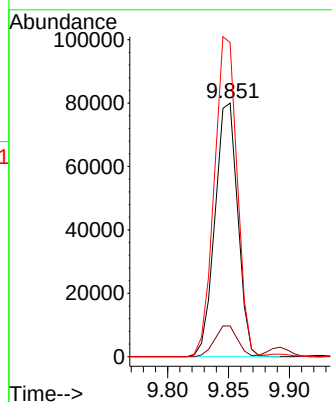
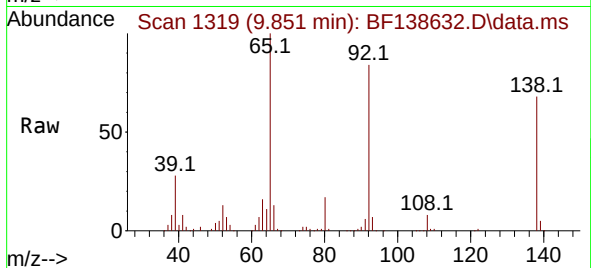
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 10426
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 123.8 92.6 138.8

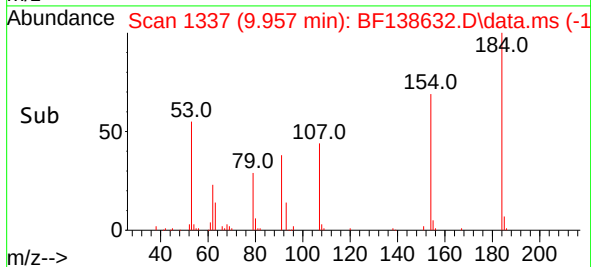
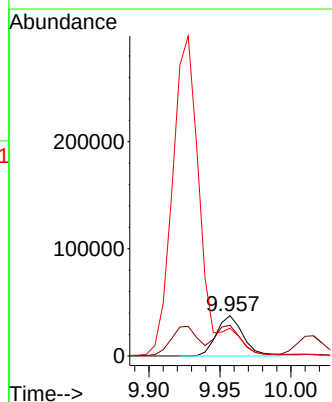
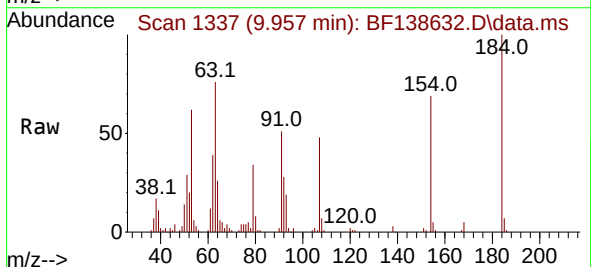
Manual Integrations
APPROVED

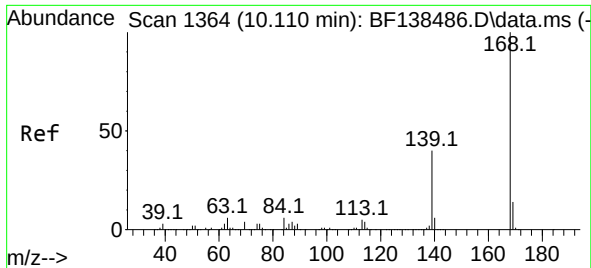
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#54
2,4-Dinitrophenol
Concen: 37.654 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:184 Resp: 48861
Ion Ratio Lower Upper
184 100
63 76.3 70.6 106.0
154 68.7 53.8 80.6





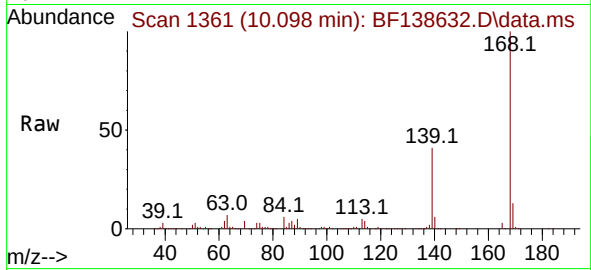
#55
Dibenzofuran
Concen: 39.803 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



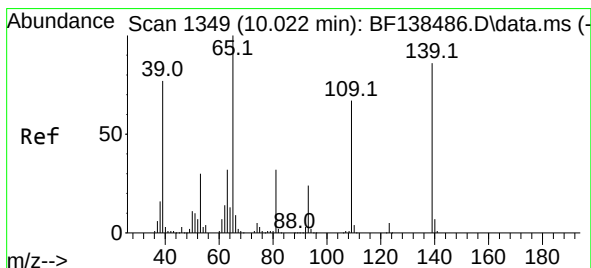
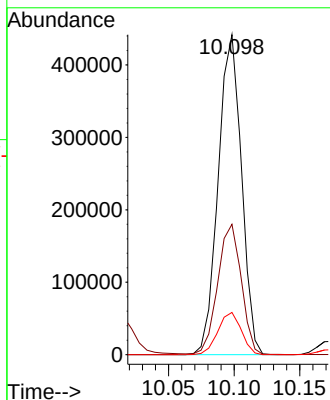
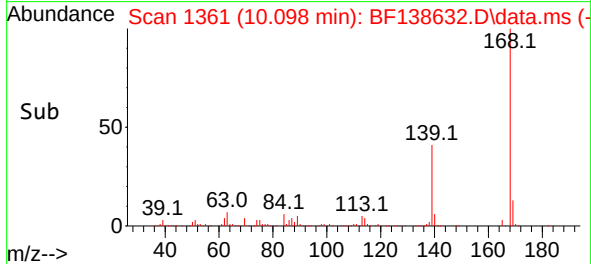
Tgt Ion:168 Resp: 544534
Ion Ratio Lower Upper
168 100
139 40.7 32.4 48.6
169 13.2 10.9 16.3

Manual Integrations

APPROVED

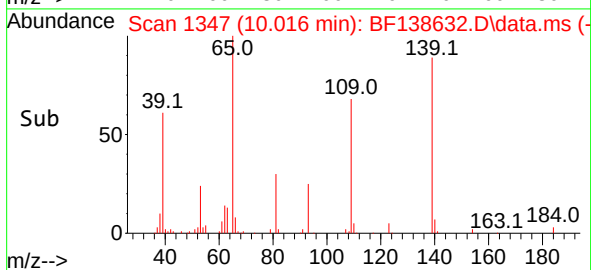
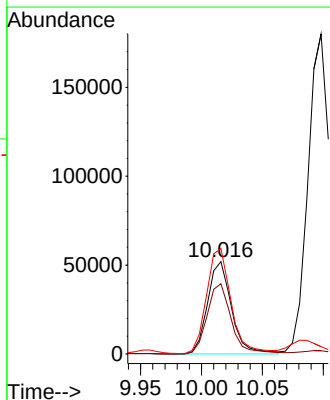
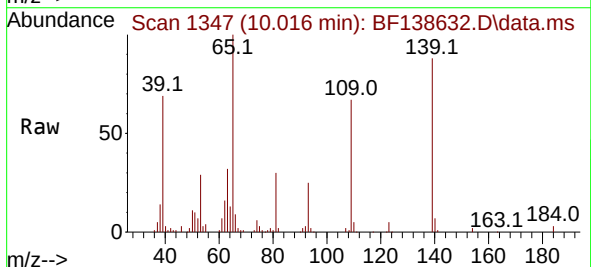
Reviewed By :Yogesh Patel 07/25/2024

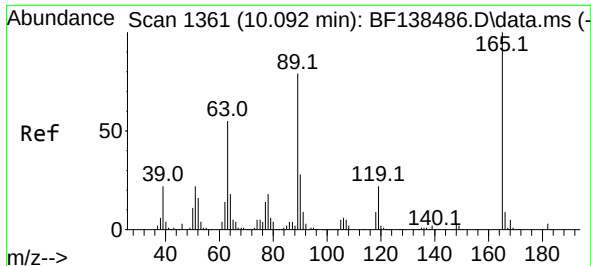
Supervised By :mohammad ahmed 07/25/2024



#56
4-Nitrophenol
Concen: 36.209 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:139 Resp: 71168
Ion Ratio Lower Upper
139 100
109 76.2 58.1 98.1
65 114.2 96.9 136.9





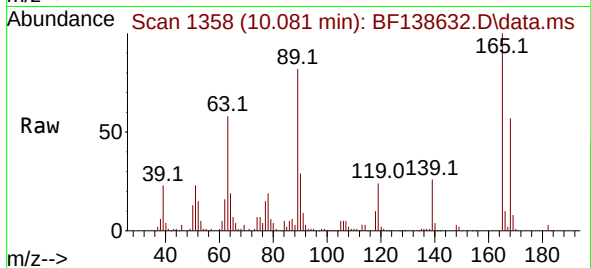
#57
2,4-Dinitrotoluene
Concen: 41.103 ng
RT: 10.081 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



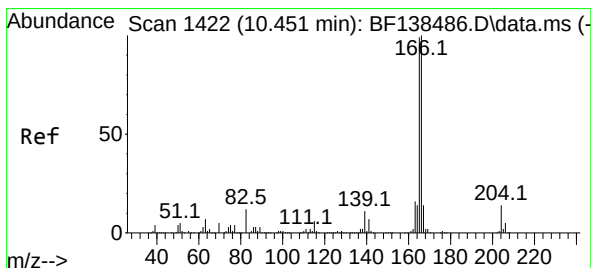
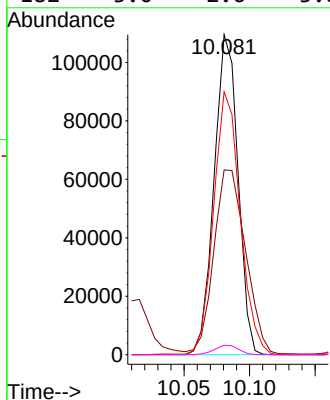
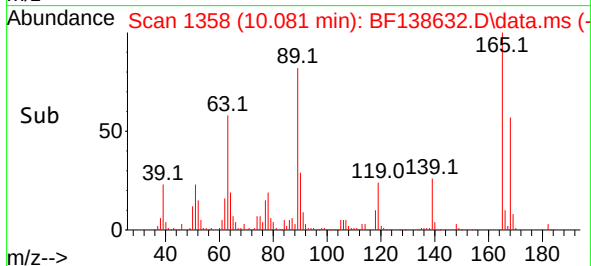
Tgt Ion:165 Resp: 13821
Ion Ratio Lower Upper
165 100
63 57.8 44.6 66.8
89 82.2 63.4 95.2
182 3.0 2.6 3.8

Manual Integrations

APPROVED

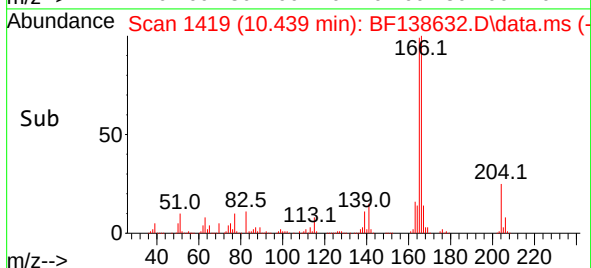
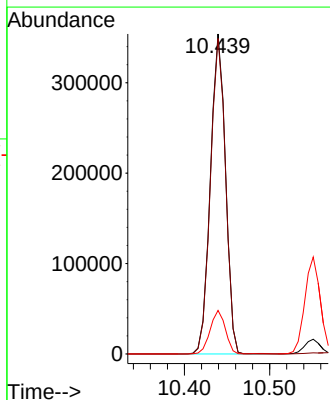
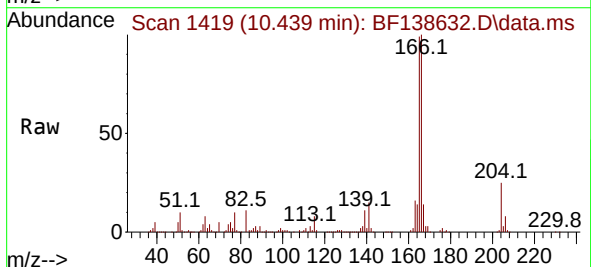
Reviewed By :Yogesh Patel 07/25/2024

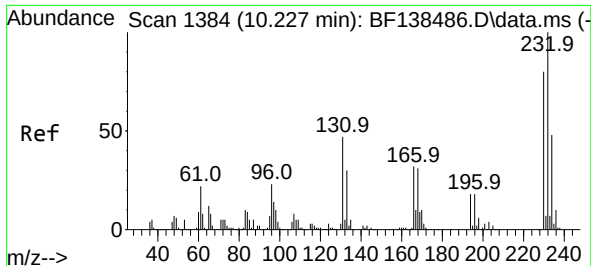
Supervised By :mohammad ahmed 07/25/2024



#58
Fluorene
Concen: 40.327 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

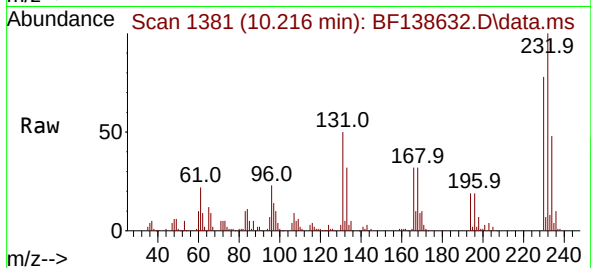
Tgt Ion:166 Resp: 436535
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.708 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

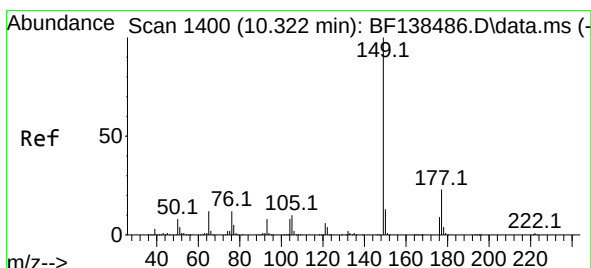
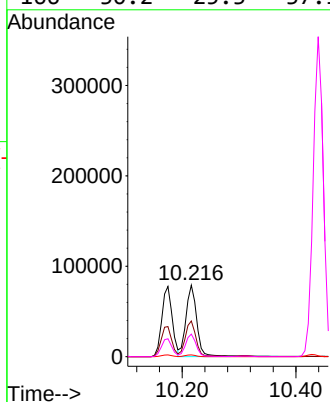
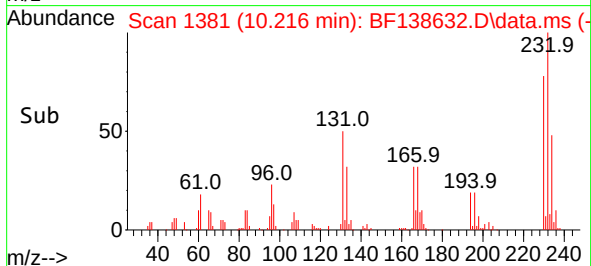
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 104270
Ion Ratio Lower Upper
232 100
131 49.3 37.5 56.3
130 2.5 2.0 3.0
166 30.2 25.3 37.9

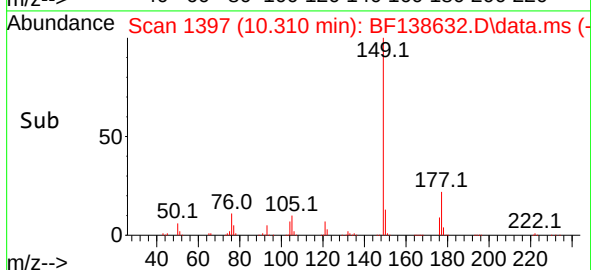
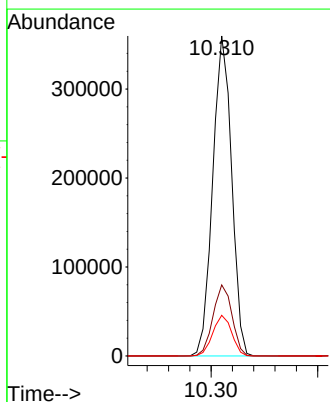
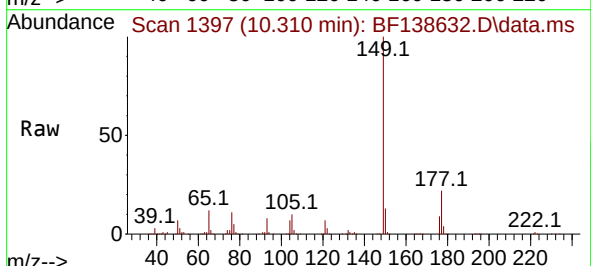
Manual Integrations
APPROVED

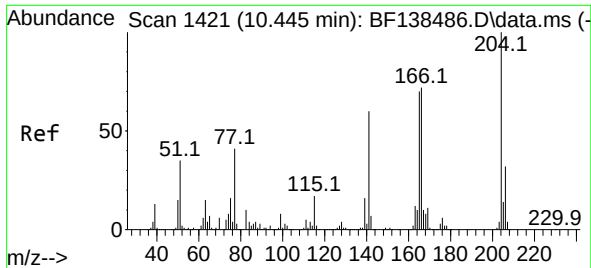
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#60
Diethylphthalate
Concen: 40.613 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

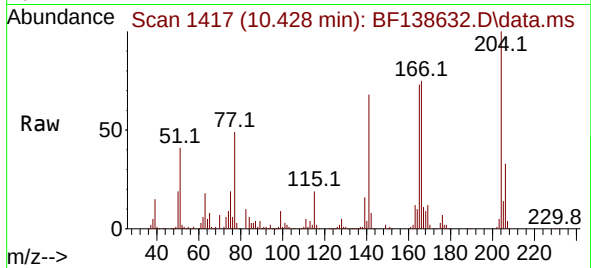
Tgt Ion:149 Resp: 441946
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.935 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

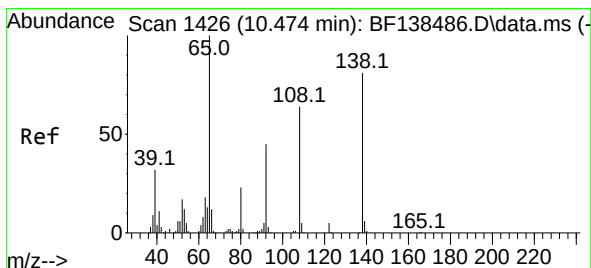
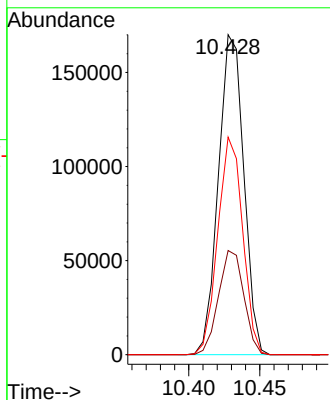
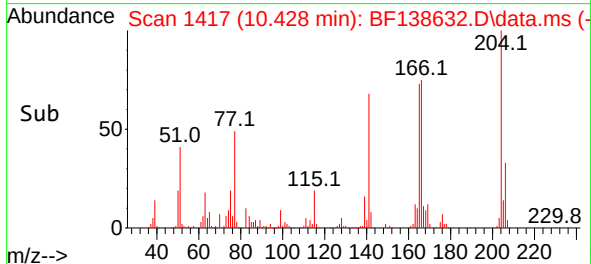
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 211639
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 68.0 47.7 71.5

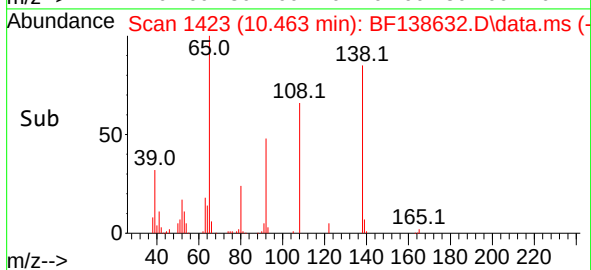
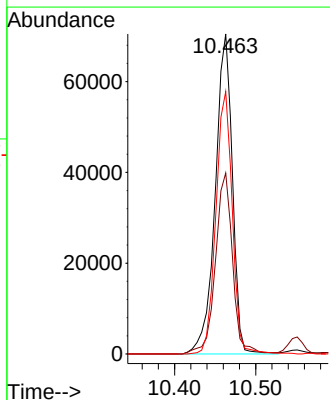
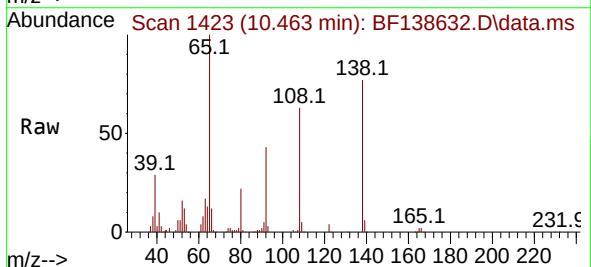
Manual Integrations
APPROVED

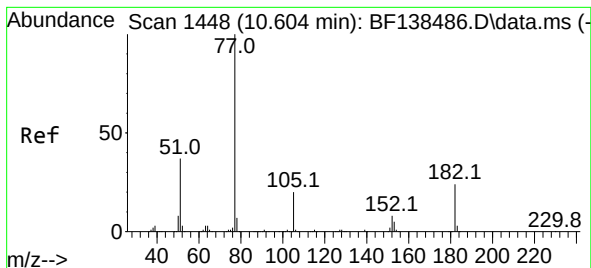
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#62
4-Nitroaniline
Concen: 38.854 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:138 Resp: 103713
Ion Ratio Lower Upper
138 100
92 56.6 35.8 75.8
108 82.0 59.8 99.8





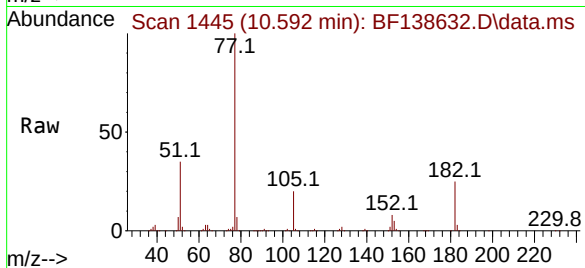
#63
Azobenzene
Concen: 40.815 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



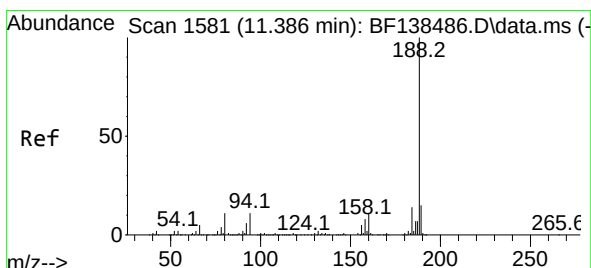
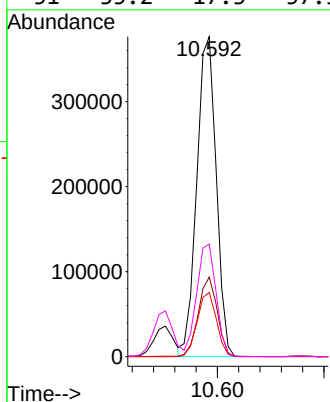
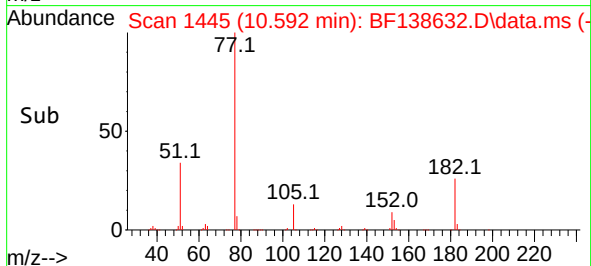
Tgt Ion: 77 Resp: 477515
Ion Ratio Lower Upper
77 100
182 24.9 3.8 43.8
105 20.1 0.0 39.8
51 35.2 17.3 57.3

Manual Integrations

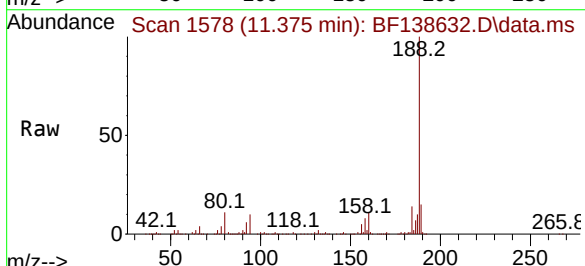
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

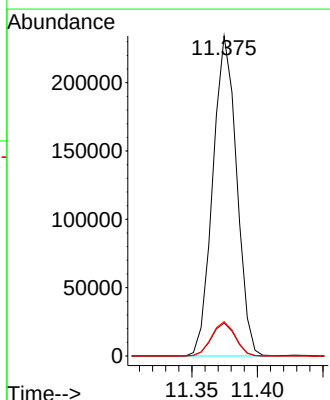
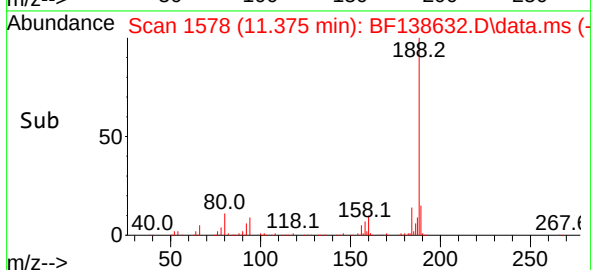
Supervised By :mohammad ahmed 07/25/2024

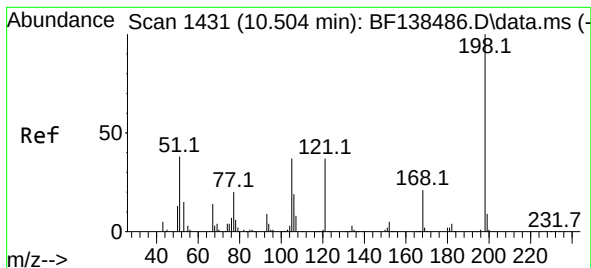


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



Tgt Ion:188 Resp: 295991
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.8 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.442 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

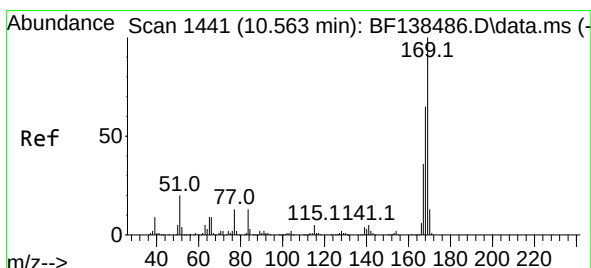
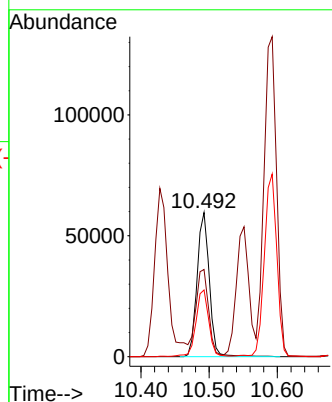
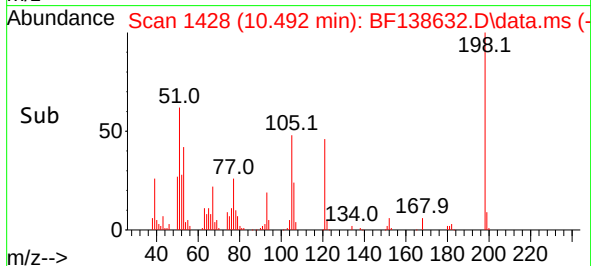
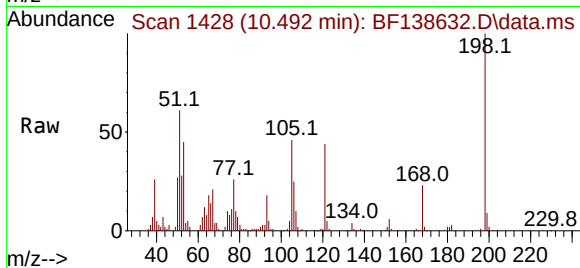
SSTDCCC040

Tgt Ion:198 Resp: 74240
Ion Ratio Lower Upper
198 100
51 60.5 27.2 67.2
105 46.3 18.5 58.5

Manual Integrations

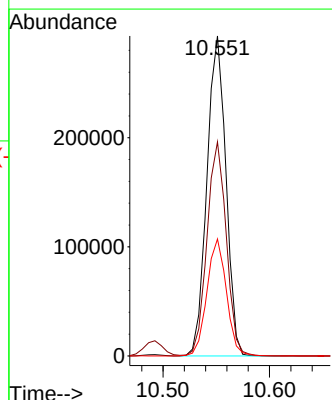
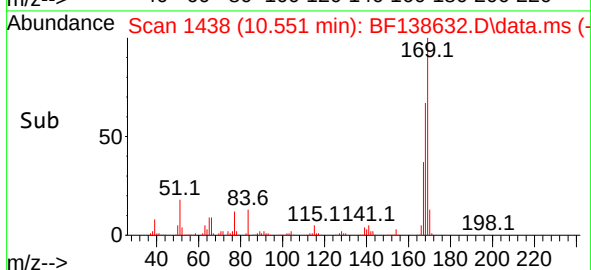
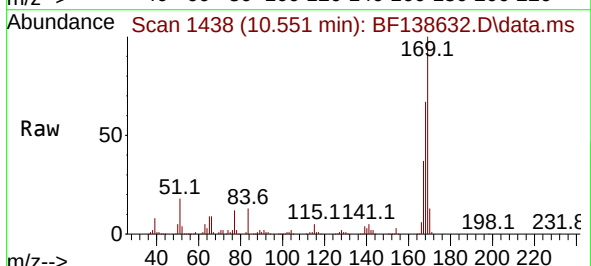
APPROVED

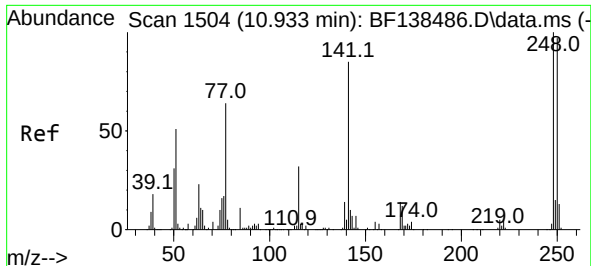
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#66
n-Nitrosodiphenylamine
Concen: 41.009 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:169 Resp: 363670
Ion Ratio Lower Upper
169 100
168 66.9 51.7 77.5
167 36.6 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 41.041 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

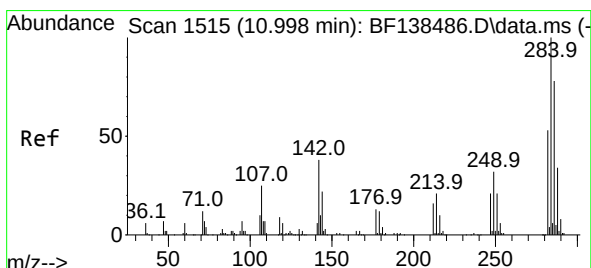
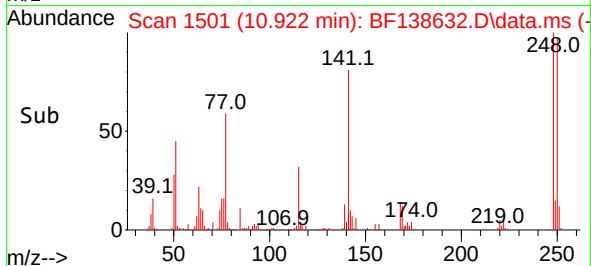
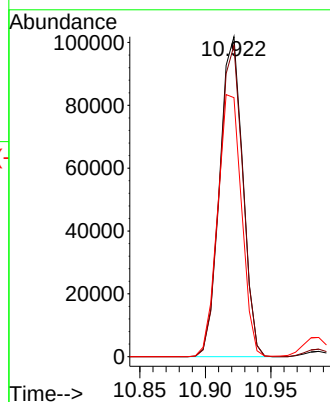
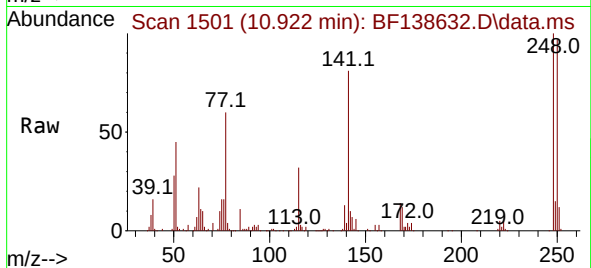
SSTDCCC040

Tgt Ion:248 Resp: 124850
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 80.9 67.7 101.5

Manual Integrations

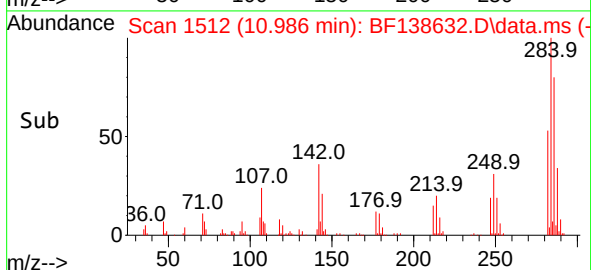
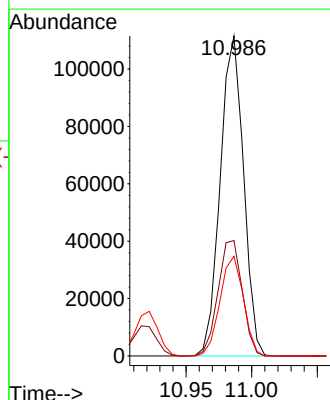
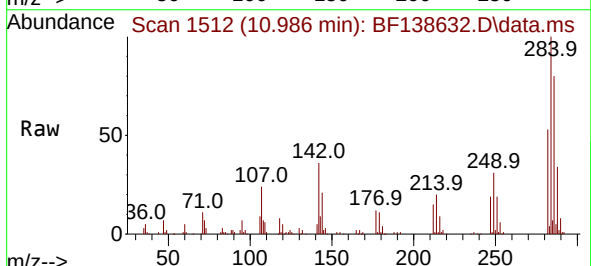
APPROVED

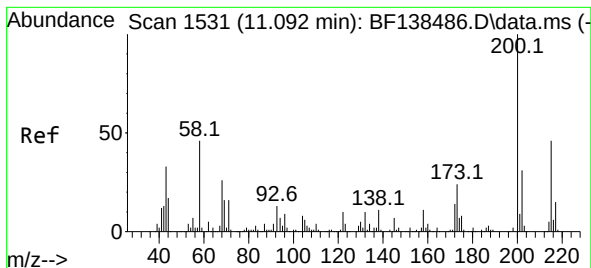
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#68
Hexachlorobenzene
Concen: 40.757 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:284 Resp: 137746
Ion Ratio Lower Upper
284 100
142 36.0 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 37.012 ng

RT: 11.075 min Scan# 1527

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 10882

Ion Ratio Lower Upper

200 100

173 25.6 4.1 44.1

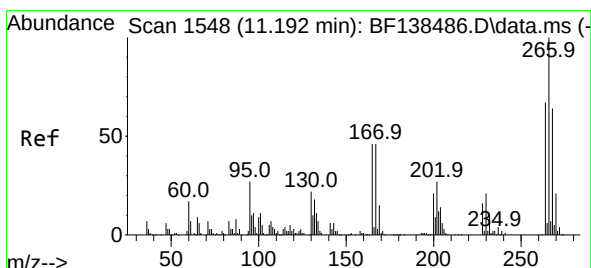
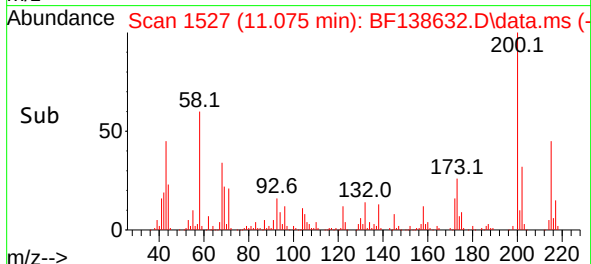
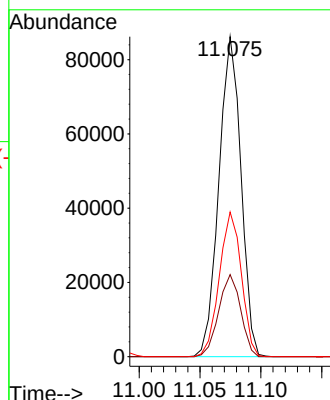
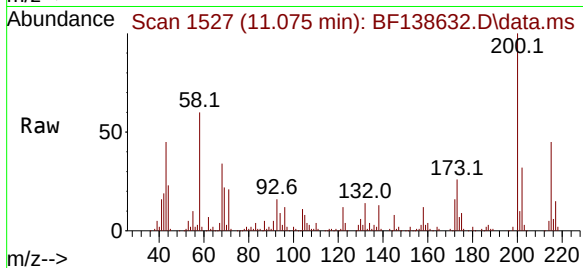
215 45.2 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#70

Pentachlorophenol

Concen: 36.060 ng

RT: 11.181 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

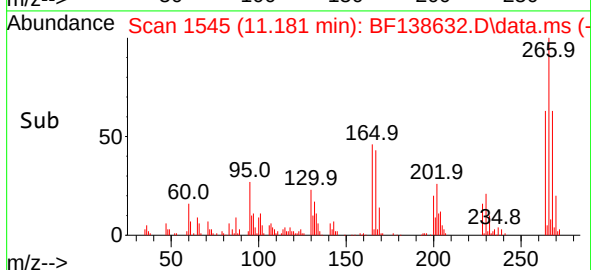
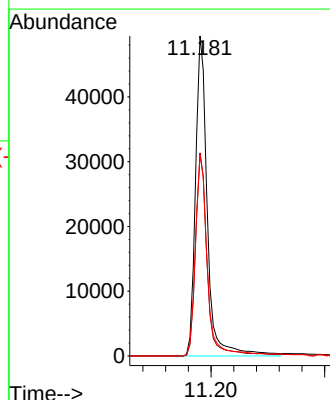
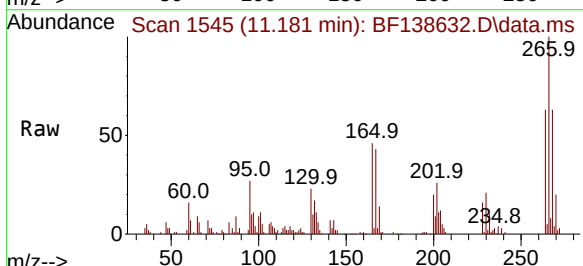
Tgt Ion:266 Resp: 72115

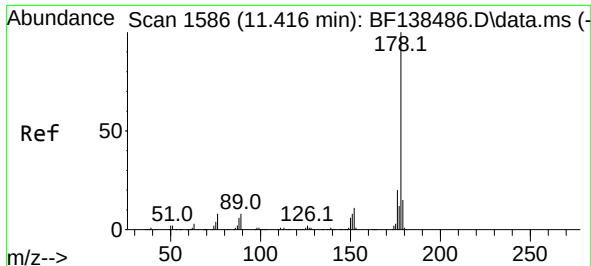
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 63.0 53.5 80.3





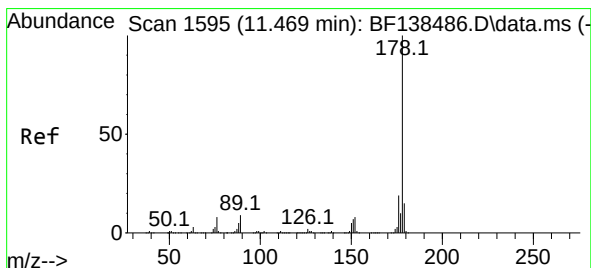
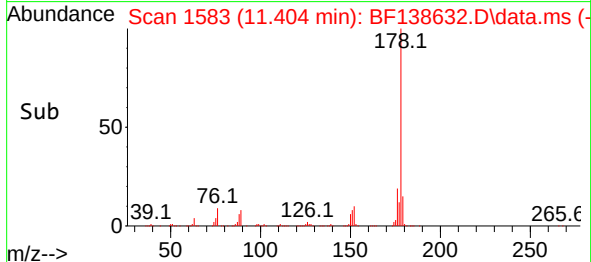
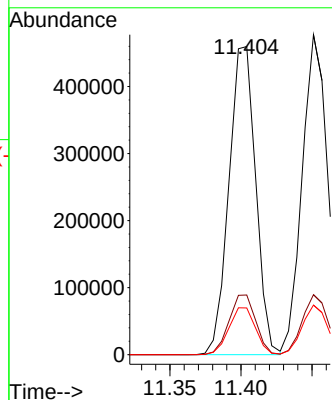
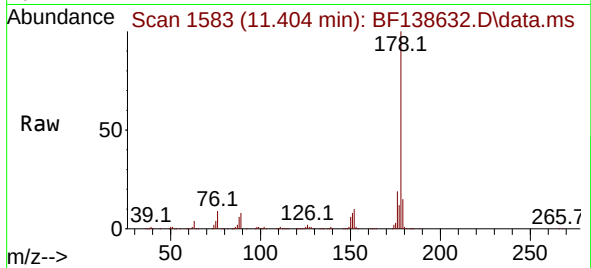
#71
Phenanthrene
Concen: 40.323 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 602978
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.2 12.2 18.2

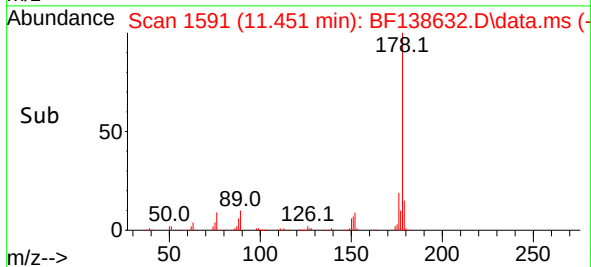
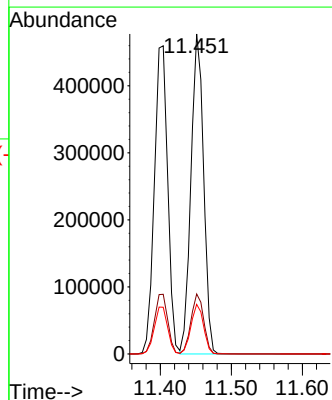
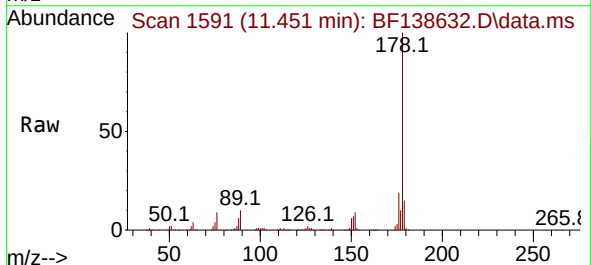
Manual Integrations
APPROVED

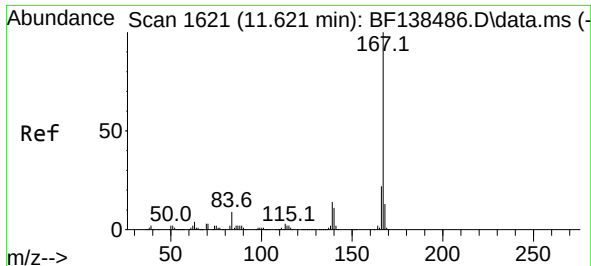
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Anthracene
Concen: 39.882 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

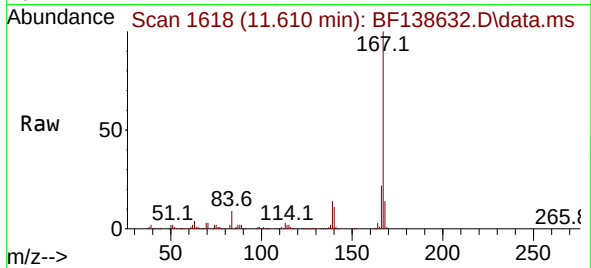
Tgt Ion:178 Resp: 592002
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 38.894 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

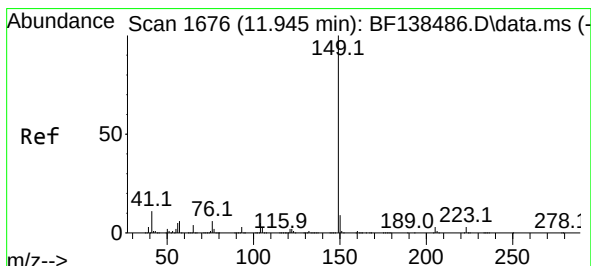
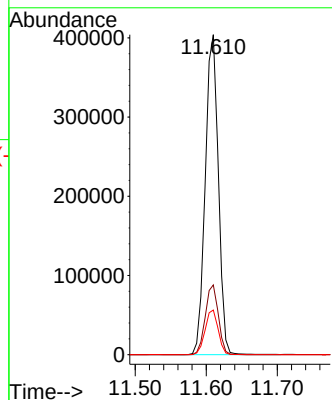
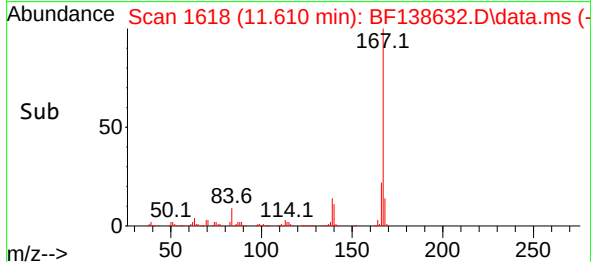
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



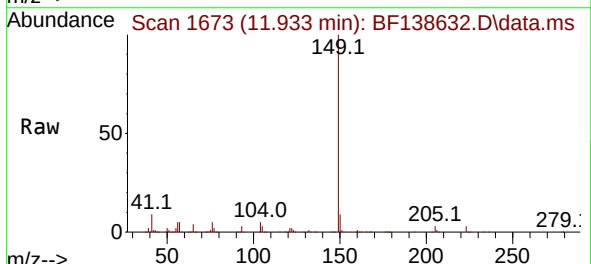
Tgt Ion:167 Resp: 51884
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 13.9 11.0 16.4

Manual Integrations
APPROVED

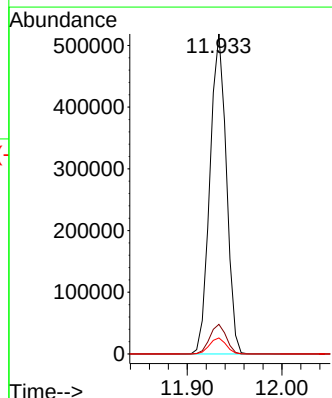
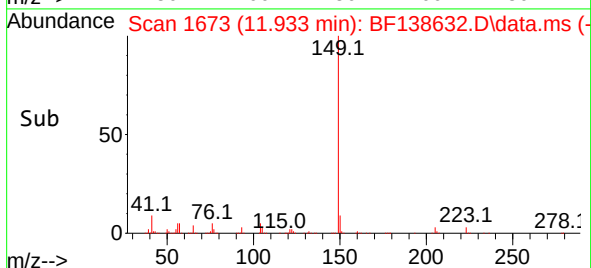
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

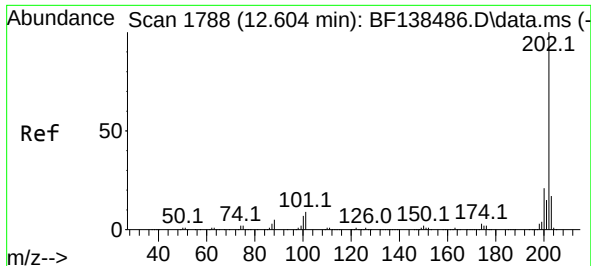


#74
Di-n-butylphthalate
Concen: 40.692 ng
RT: 11.933 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



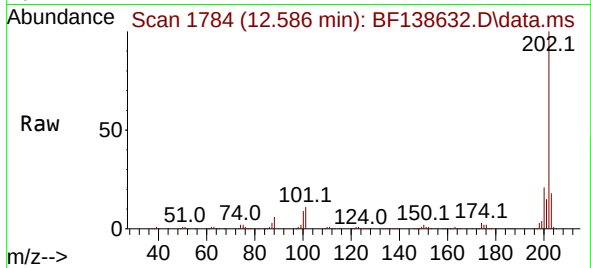
Tgt Ion:149 Resp: 625693
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 37.313 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

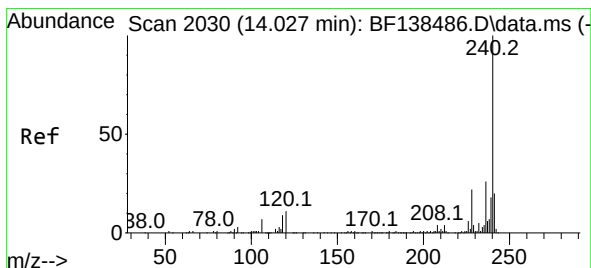
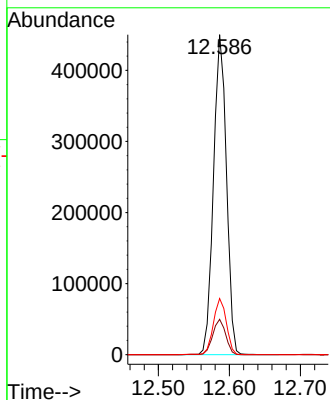
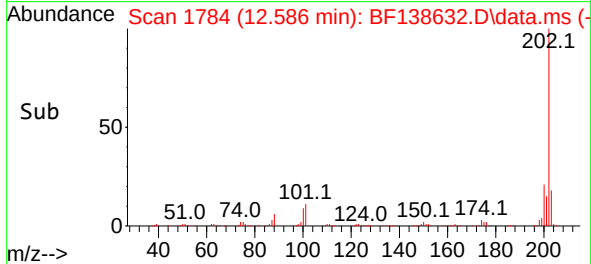
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 569354
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.6 0.0 37.3

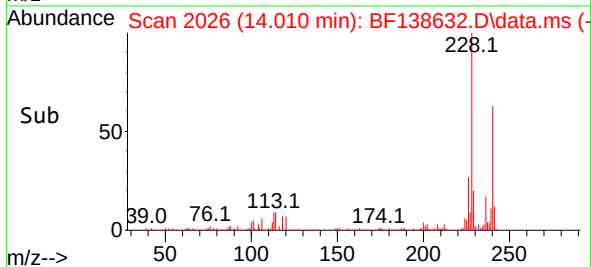
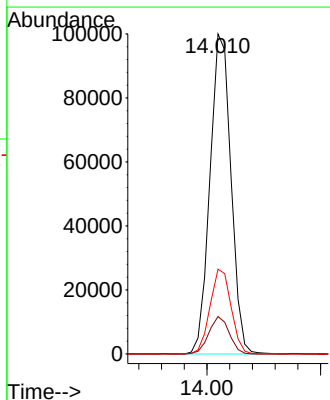
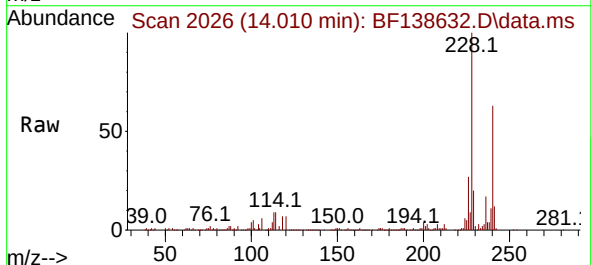
Manual Integrations
APPROVED

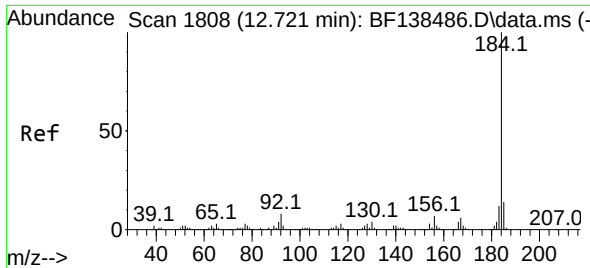
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:240 Resp: 128377
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.5 21.0 31.6





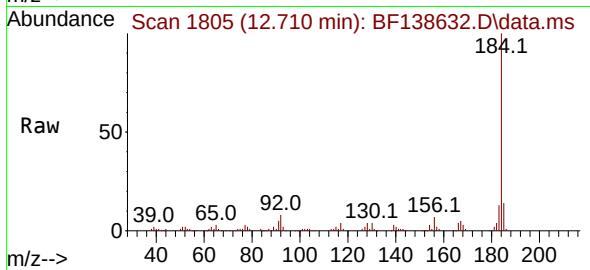
#77
Benzidine
Concen: 32.650 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



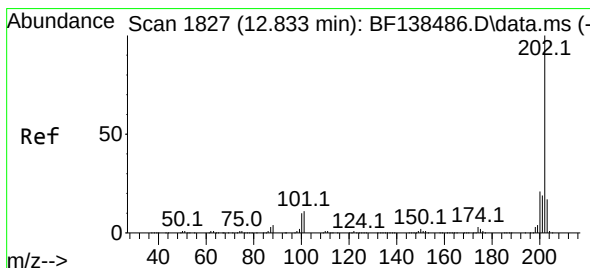
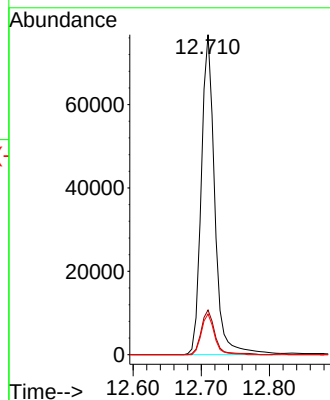
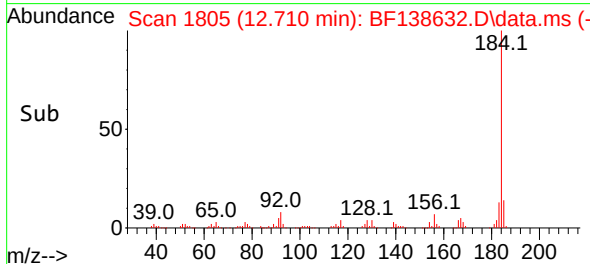
Tgt Ion:184 Resp: 105752
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.7 9.5 14.3

Manual Integrations

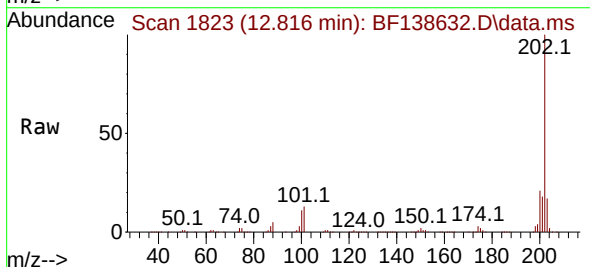
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

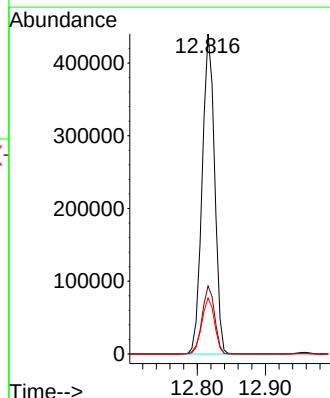
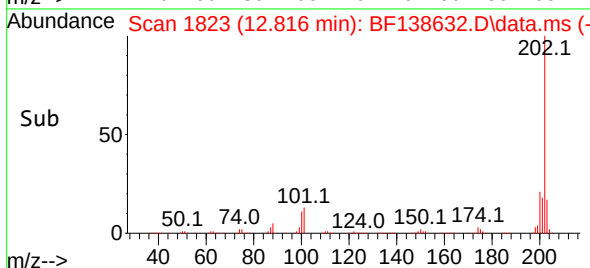
Supervised By :mohammad ahmed 07/25/2024

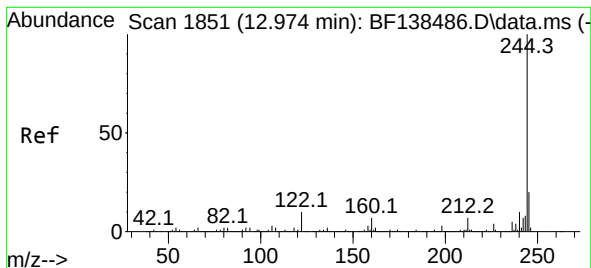


#78
Pyrene
Concen: 42.895 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



Tgt Ion:202 Resp: 559006
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 88.110 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 69432

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

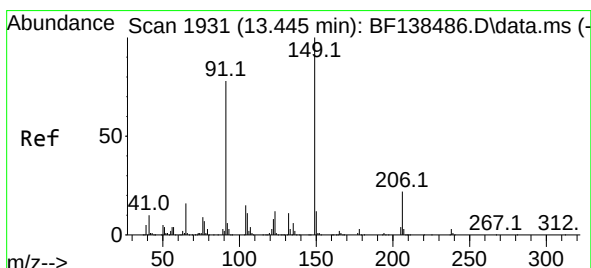
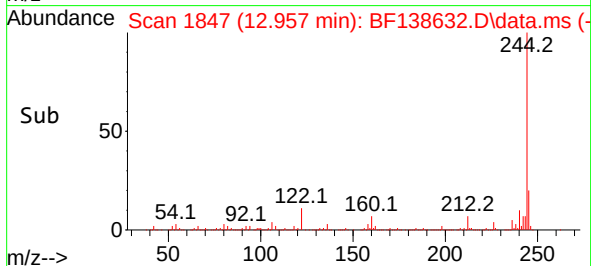
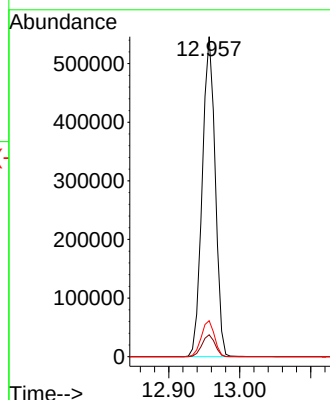
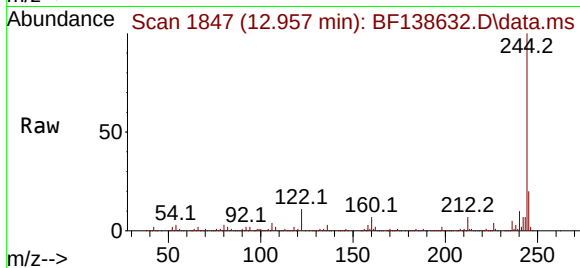
122 11.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#80

Butylbenzylphthalate

Concen: 43.791 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

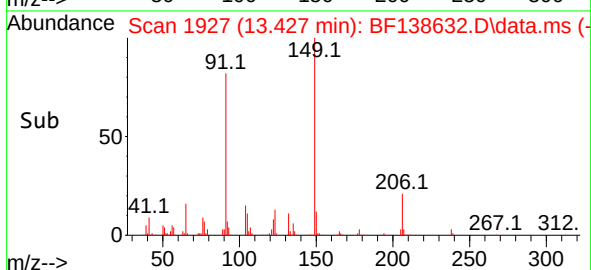
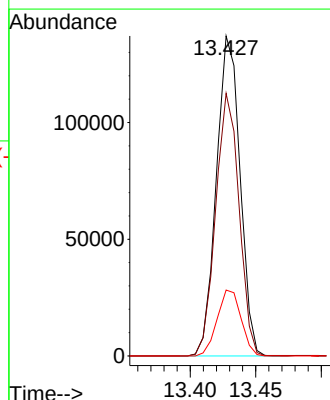
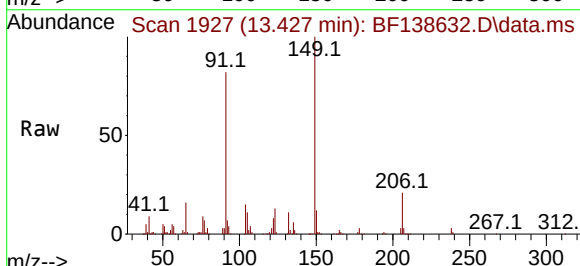
Tgt Ion:149 Resp: 171671

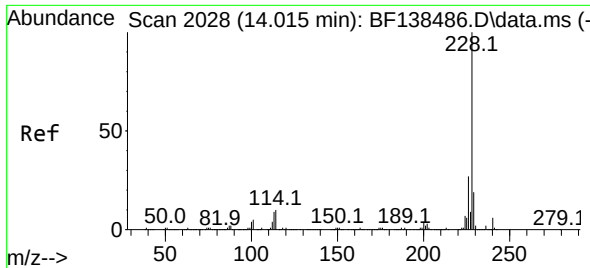
Ion Ratio Lower Upper

149 100

91 82.0 62.1 93.1

206 20.6 18.0 27.0





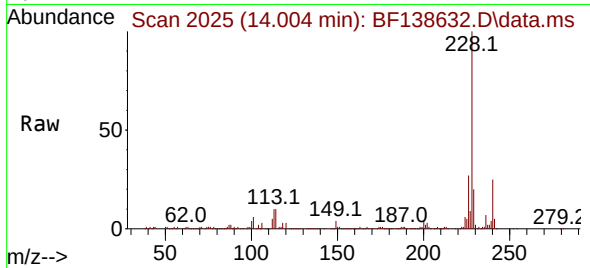
#81
Benzo(a)anthracene
Concen: 42.004 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



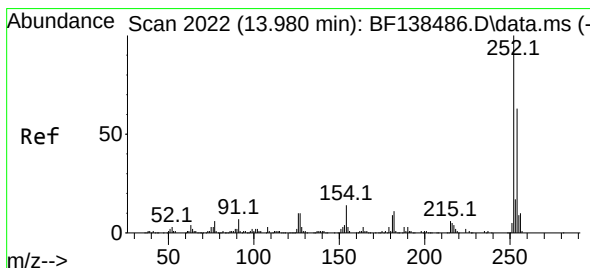
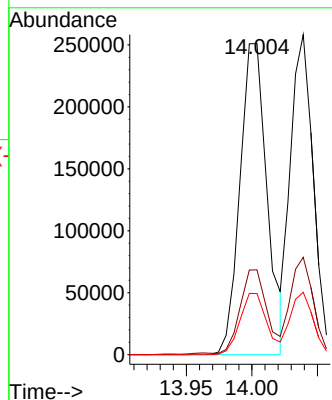
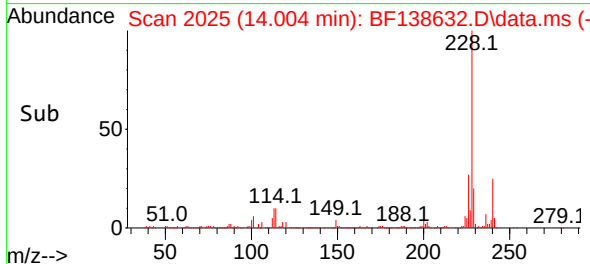
Tgt Ion:228 Resp: 361825
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.7 15.5 23.3

Manual Integrations

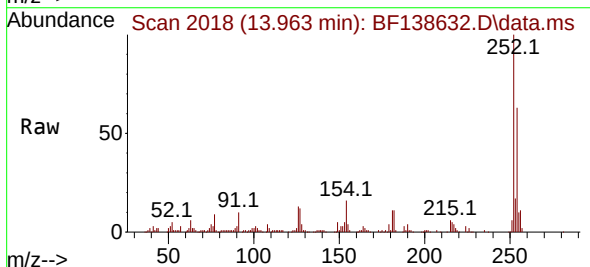
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

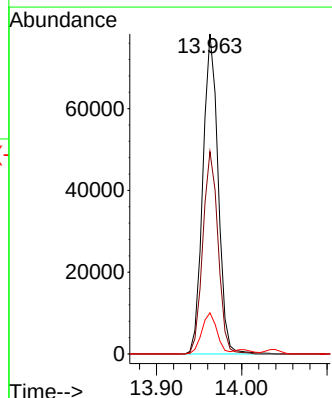
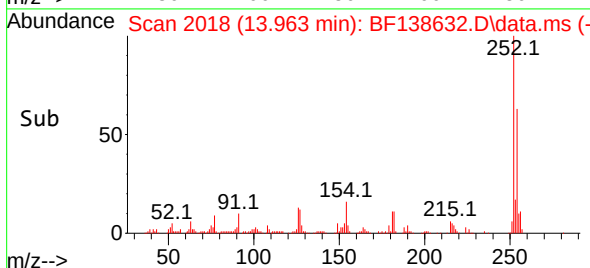
Supervised By :mohammad ahmed 07/25/2024

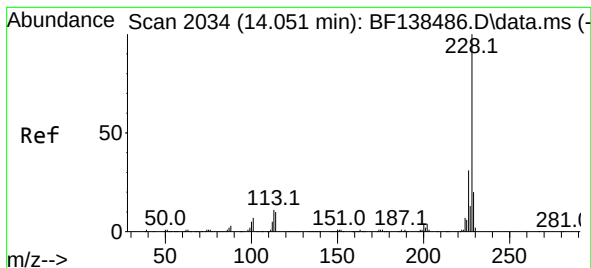


#82
3,3'-Dichlorobenzidine
Concen: 43.880 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



Tgt Ion:252 Resp: 97397
Ion Ratio Lower Upper
252 100
254 63.2 50.3 75.5
126 12.8 8.1 12.1#





#83

Chrysene

Concen: 38.374 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138632.D

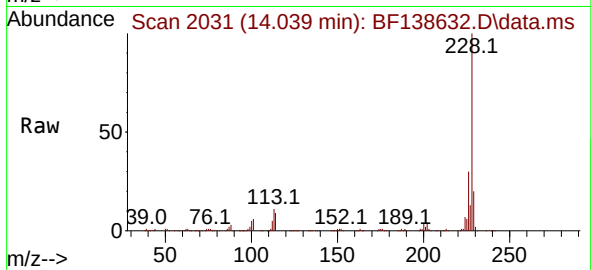
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 31270

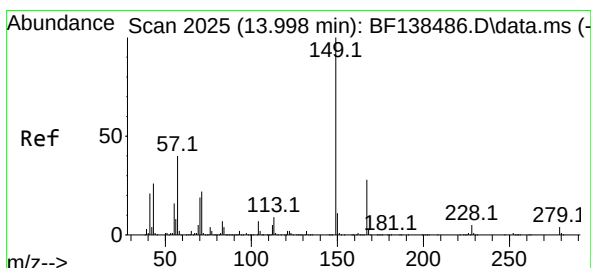
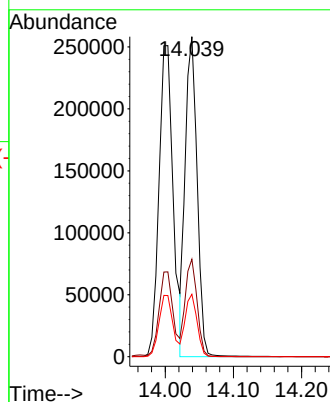
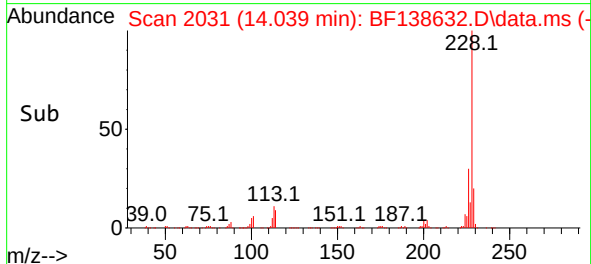
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.670 ng

RT: 13.986 min Scan# 2022

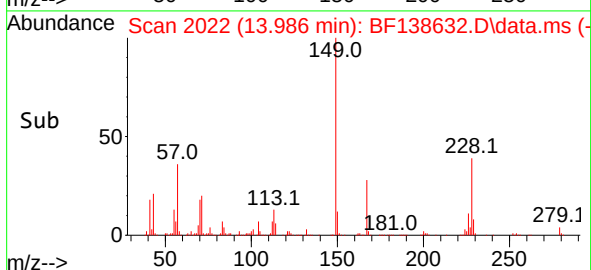
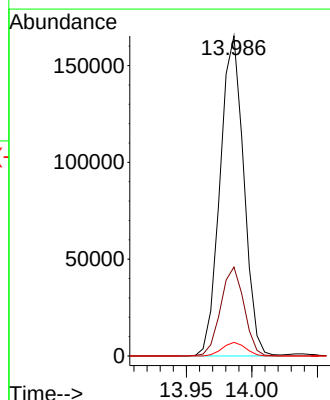
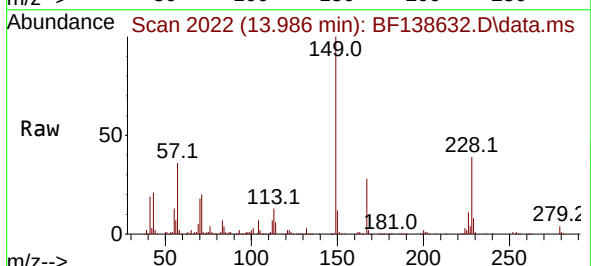
Delta R.T. -0.012 min

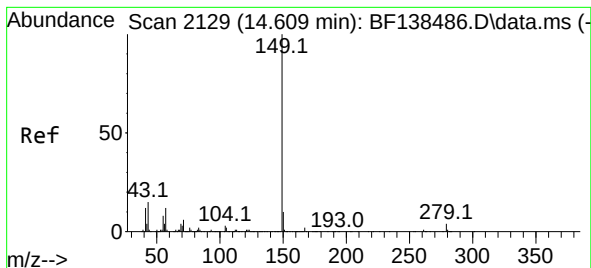
Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Tgt Ion:149 Resp: 207672

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 54.915 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 362710

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

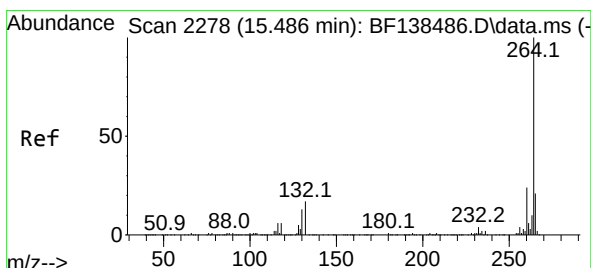
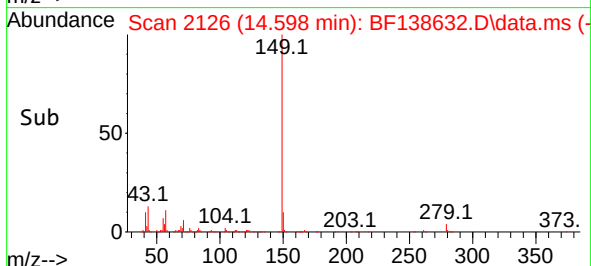
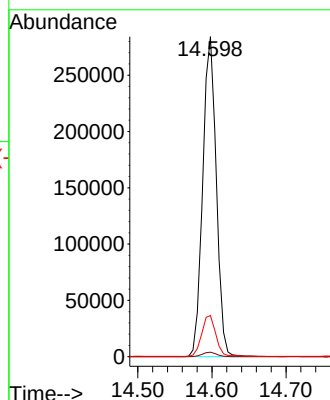
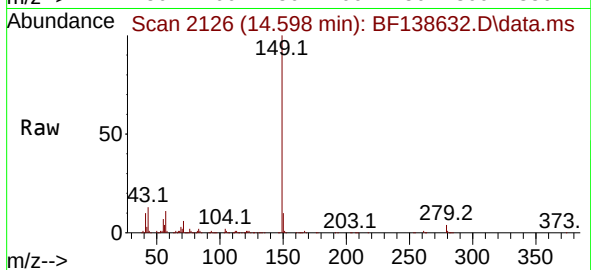
43 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

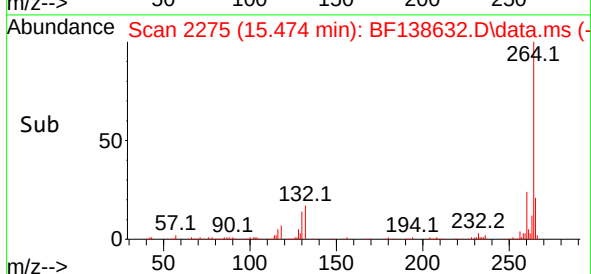
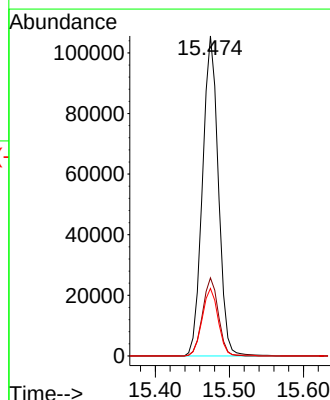
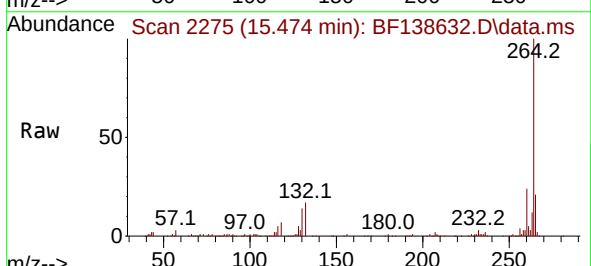
Tgt Ion:264 Resp: 157034

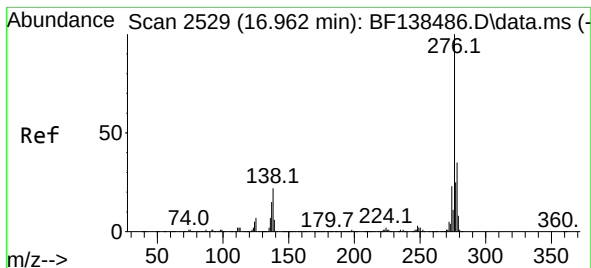
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.189 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 445014

Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

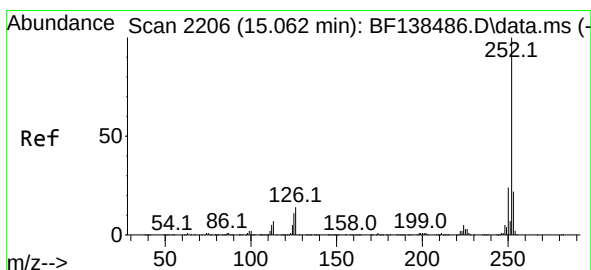
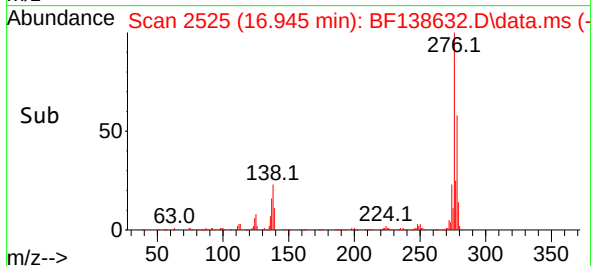
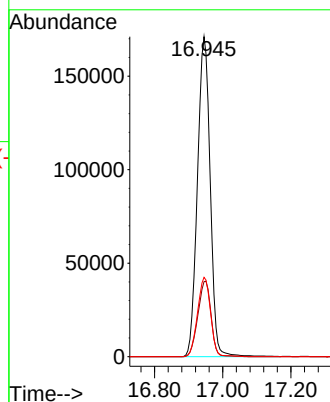
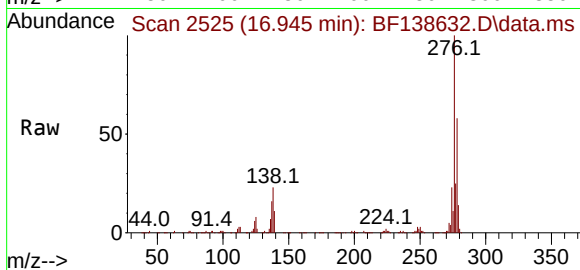
277 25.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#88

Benzo(b)fluoranthene

Concen: 40.625 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.017 min

Lab File: BF138632.D

Acq: 24 Jul 2024 11:02

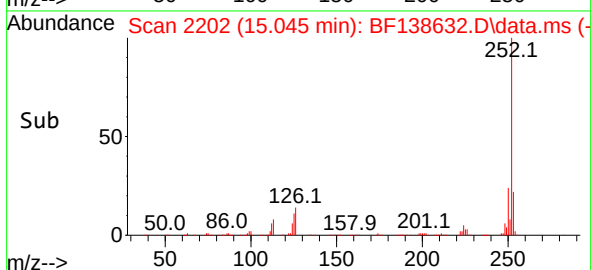
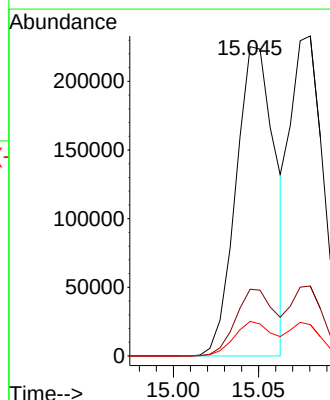
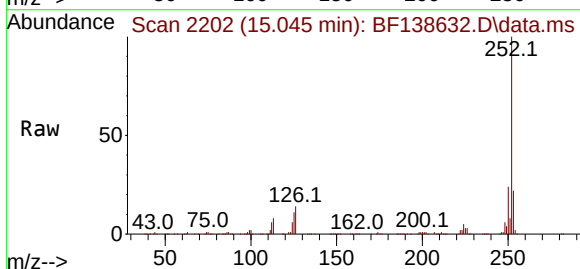
Tgt Ion:252 Resp: 359274

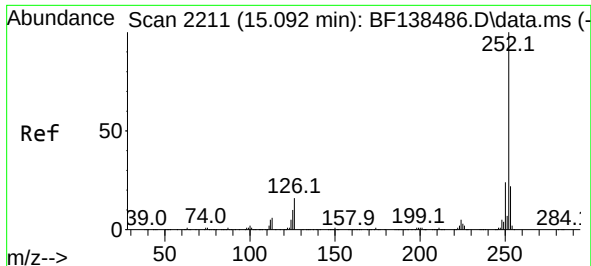
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.2 8.6 13.0





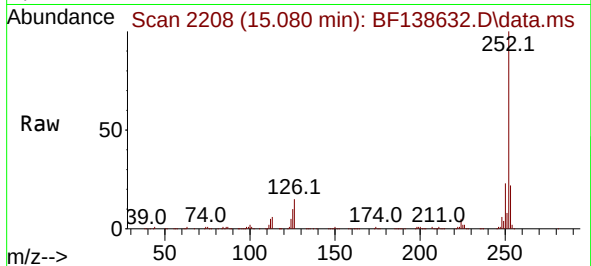
#89
Benzo(k)fluoranthene
Concen: 36.532 ng
RT: 15.080 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

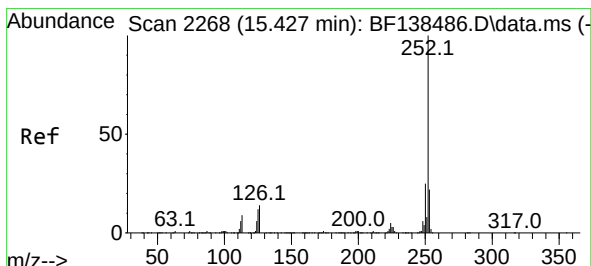
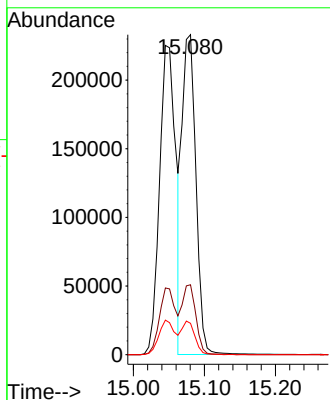
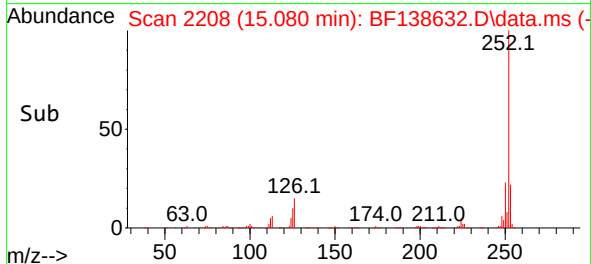


Tgt Ion:252 Resp: 315090
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.8 8.1 12.1

Manual Integrations

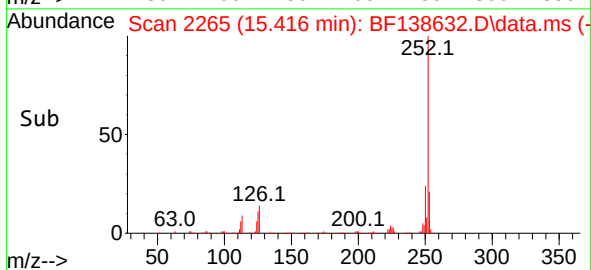
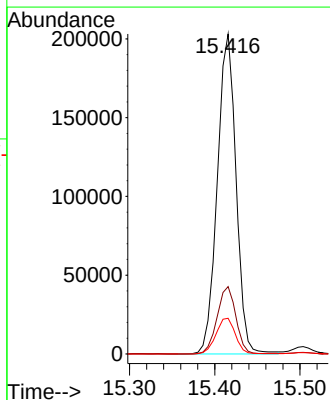
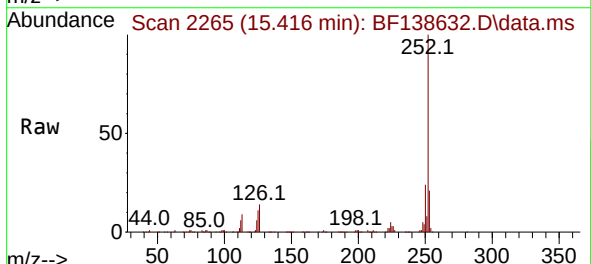
APPROVED

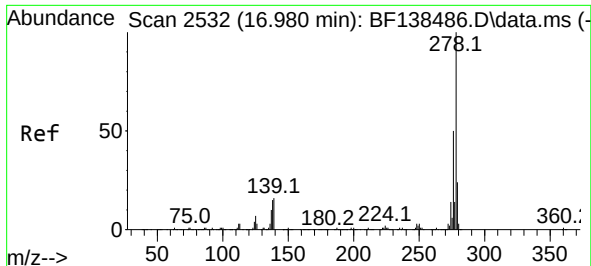
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#90
Benzo(a)pyrene
Concen: 39.992 ng
RT: 15.416 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Tgt Ion:252 Resp: 310692
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 11.2 9.4 14.2





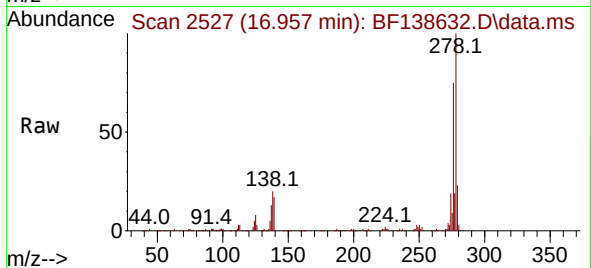
#91
Dibenzo(a,h)anthracene
Concen: 41.489 ng
RT: 16.957 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

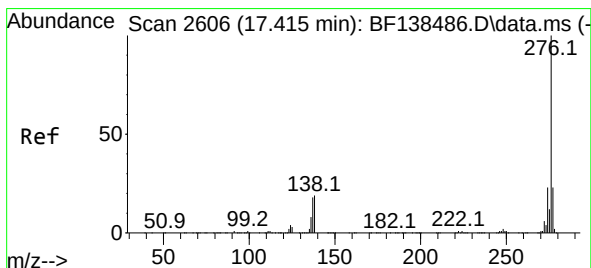
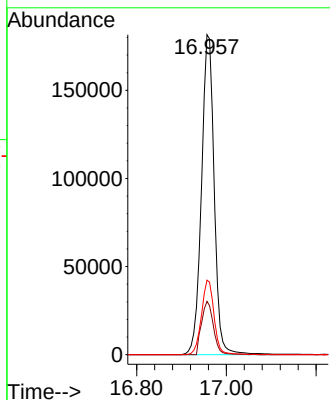
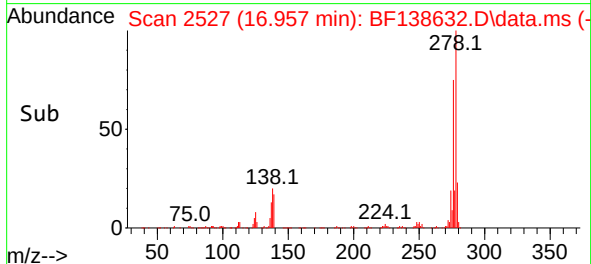


Tgt Ion:278 Resp: 357984
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.3 19.1 28.7

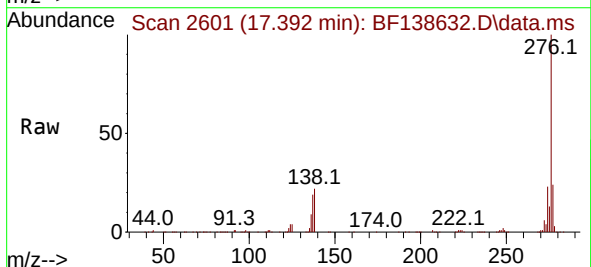
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#92
Benzo(g,h,i)perylene
Concen: 40.934 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138632.D
Acq: 24 Jul 2024 11:02



Tgt Ion:276 Resp: 374522
Ion Ratio Lower Upper
276 100
277 23.7 18.0 27.0
138 21.7 15.5 23.3

