

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138619.D
 Acq On : 23 Jul 2024 15:31
 Operator : RC/JU
 Sample : P3302-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 16:03:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	76825	20.000	ng	-0.01
21) Naphthalene-d8	8.134	136	312912	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	168716	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	259776	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	114661	20.000	ng	-0.02
86) Perylene-d12	15.474	264	147152	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	745967	153.782	ng	0.01
7) Phenol-d6	6.499	99	985163	152.667	ng	0.00
23) Nitrobenzene-d5	7.422	82	665644	104.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	235407	149.292	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1099273	101.831	ng	-0.02
79) Terphenyl-d14	12.957	244	779291	110.723	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	96494m	44.915	ng	
3) Pyridine	3.575	79	226066	42.669	ng	96
4) n-Nitrosodimethylamine	3.505	42	182574	52.936	ng	90
6) Aniline	6.522	93	162397	26.868	ng	# 1
8) 2-Chlorophenol	6.646	128	306772	59.809	ng	97
9) Benzaldehyde	6.410	77	14448	4.183	ng	94
10) Phenol	6.516	94	385296	56.252	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	304034	58.955	ng	99
12) 1,3-Dichlorobenzene	6.798	146	300056	52.043	ng	99
13) 1,4-Dichlorobenzene	6.875	146	301227	51.450	ng	98
14) 1,2-Dichlorobenzene	7.022	146	292924	53.718	ng	98
15) Benzyl Alcohol	7.004	79	298074	61.550	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	525525	51.820	ng	73
17) 2-Methylphenol	7.116	107	252781	60.133	ng	# 92
18) Hexachloroethane	7.363	117	113786	52.866	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	238189	59.736	ng	94
20) 3+4-Methylphenols	7.269	107	320985	60.637	ng	90
22) Acetophenone	7.269	105	393821	51.820	ng	99
24) Nitrobenzene	7.440	77	360232	55.620	ng	99
25) Isophorone	7.681	82	643928	58.834	ng	99
26) 2-Nitrophenol	7.751	139	164440	59.239	ng	93
27) 2,4-Dimethylphenol	7.793	122	217120m	63.639	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	378487	57.863	ng	99
29) 2,4-Dichlorophenol	7.998	162	252622	57.020	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	263010	50.959	ng	98
31) Naphthalene	8.157	128	891333	54.771	ng	100
32) Benzoic acid	7.928	122	151605	46.590	ng	94
33) 4-Chloroaniline	8.204	127	67374	11.799	ng	98
34) Hexachlorobutadiene	8.269	225	151614	47.704	ng	99
35) Caprolactam	8.592	113	65160m	45.578	ng	
36) 4-Chloro-3-methylphenol	8.698	107	294946	59.465	ng	98
37) 2-Methylnaphthalene	8.851	142	576847	55.081	ng	100
38) 1-Methylnaphthalene	8.945	142	530838	51.937	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	236825	50.365	ng	98
41) Hexachlorocyclopentadiene	8.998	237	174668	114.442	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	172995	57.675	ng	99

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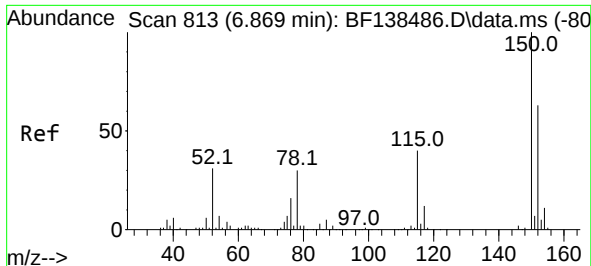
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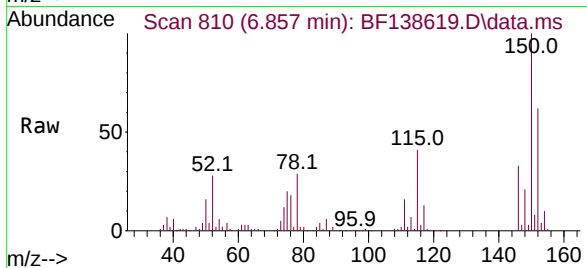
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	181466	55.006	ng	94
46) 1,1'-Biphenyl	9.316	154	678795	53.089	ng	99
47) 2-Chloronaphthalene	9.339	162	534048	55.288	ng	99
48) 2-Nitroaniline	9.440	65	201555	60.215	ng	97
49) Acenaphthylene	9.757	152	836792	61.018	ng	100
50) Dimethylphthalate	9.616	163	643304	58.967	ng	99
51) 2,6-Dinitrotoluene	9.681	165	138686	55.212	ng	88
52) Acenaphthene	9.928	154	526285	57.732	ng	99
53) 3-Nitroaniline	9.845	138	66956	26.007	ng	91
54) 2,4-Dinitrophenol	9.963	184	124340	91.520	ng	91
55) Dibenzofuran	10.098	168	746110	56.428	ng	99
56) 4-Nitrophenol	10.022	139	186851	98.362	ng	99
57) 2,4-Dinitrotoluene	10.087	165	178878	55.039	ng	93
58) Fluorene	10.439	166	576625	55.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	143498	55.115	ng	97
60) Diethylphthalate	10.316	149	602567	57.294	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	281400	53.564	ng	95
62) 4-Nitroaniline	10.469	138	131554	50.993	ng	99
63) Azobenzene	10.592	77	658204	58.210	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	92538	61.693	ng	79
66) n-Nitrosodiphenylamine	10.551	169	495084	63.610	ng	97
67) 4-Bromophenyl-phenylether	10.922	248	163709	61.314	ng	100
68) Hexachlorobenzene	10.986	284	172049	58.004	ng	98
69) Atrazine	11.081	200	147890	57.312	ng	97
70) Pentachlorophenol	11.186	266	175374	99.918	ng	98
71) Phenanthrene	11.404	178	778673	59.331	ng	99
72) Anthracene	11.457	178	780235	59.890	ng	99
73) Carbazole	11.610	167	637547	54.455	ng	99
74) Di-n-butylphthalate	11.933	149	850288	63.007	ng	100
75) Fluoranthene	12.586	202	595971	44.503	ng	97
77) Benzidine	12.710	184	115073	39.778	ng	99
78) Pyrene	12.816	202	565632	48.595	ng	99
80) Butylbenzylphthalate	13.427	149	220994	63.115	ng	96
81) Benzo(a)anthracene	14.004	228	468737	60.924	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	75901	38.286	ng	# 99
83) Chrysene	14.039	228	427383	58.720	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	288185	77.172	ng	99
85) Di-n-octyl phthalate	14.598	149	533147	90.375	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	348180	35.226	ng	99
88) Benzo(b)fluoranthene	15.051	252	484101	58.416	ng	99
89) Benzo(k)fluoranthene	15.080	252	485579	60.079	ng	99
90) Benzo(a)pyrene	15.416	252	446735	61.365	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	289595	35.817	ng	99
92) Benzo(g,h,i)perylene	17.380	276	245637	28.650	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: BF138619.D
Acq: 23 Jul 2024 15:31

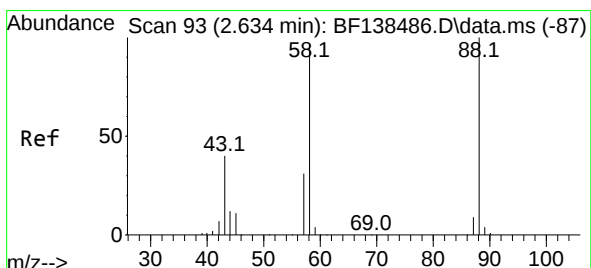
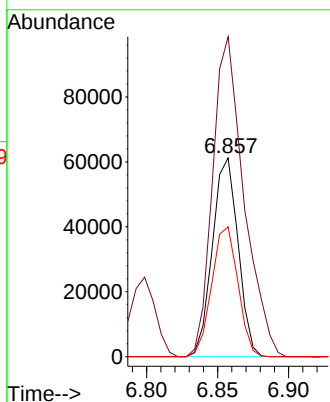
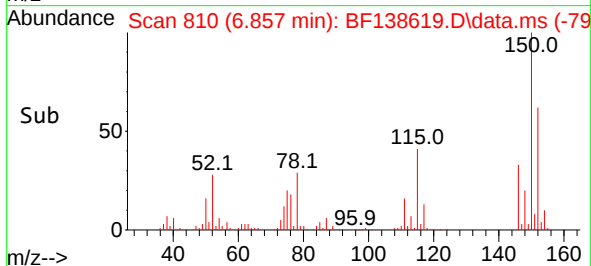
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:152 Resp: 7682
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.4
115 65.4 50.3 75.5

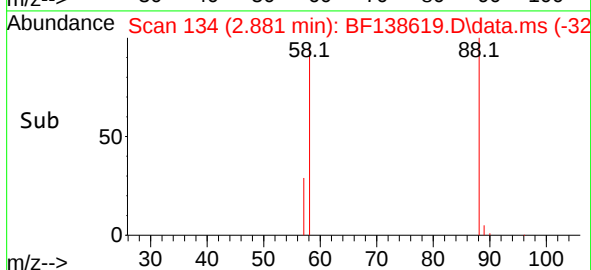
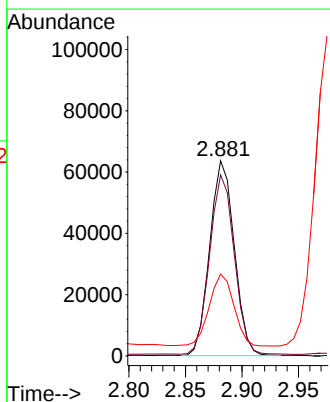
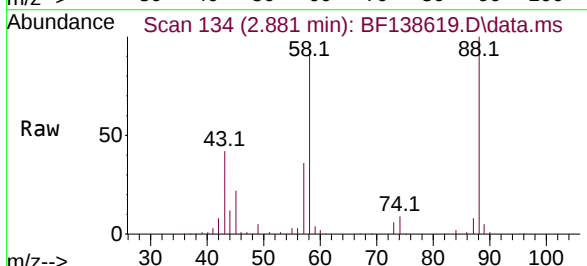
Manual Integrations
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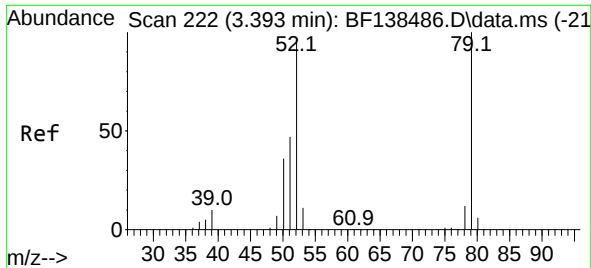
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 44.915 ng m
RT: 2.881 min Scan# 134
Delta R.T. 0.247 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion: 88 Resp: 96494
Ion Ratio Lower Upper
88 100
58 90.9 74.6 112.0
43 0.0 31.8 47.6#





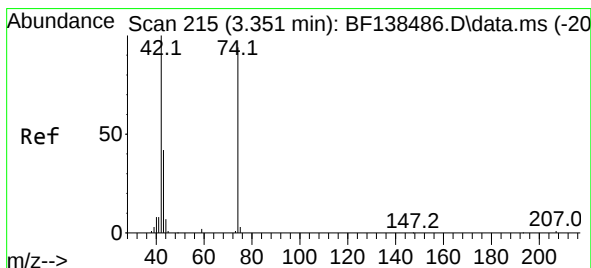
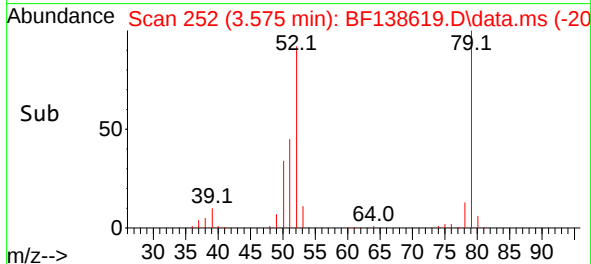
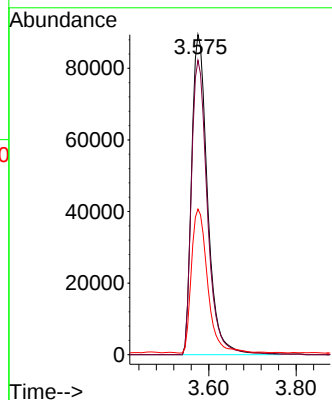
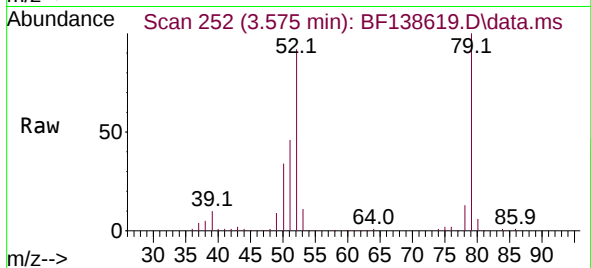
#3
Pyridine
Concen: 42.669 ng
RT: 3.575 min Scan# 21
Delta R.T. 0.183 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion: 79 Resp: 22606
Ion Ratio Lower Upper
79 100
52 92.0 77.4 116.2
51 45.5 37.4 56.0

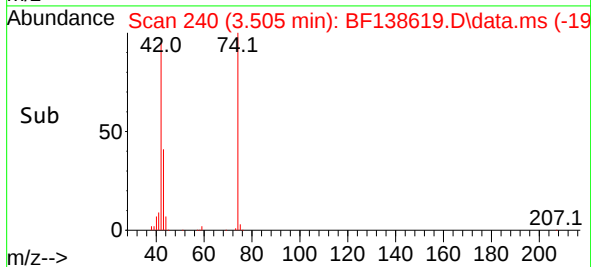
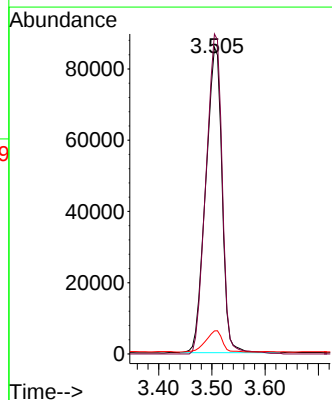
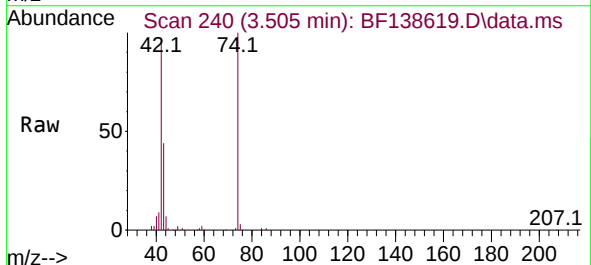
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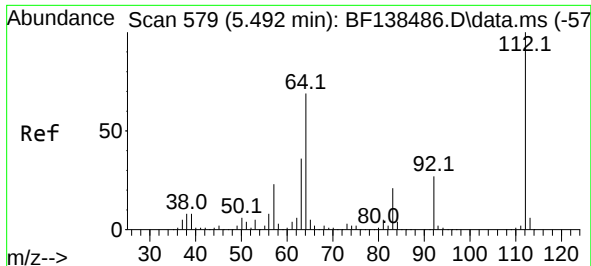
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#4
n-Nitrosodimethylamine
Concen: 52.936 ng
RT: 3.505 min Scan# 240
Delta R.T. 0.153 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion: 42 Resp: 182574
Ion Ratio Lower Upper
42 100
74 104.3 75.0 112.6
44 7.5 5.4 8.2





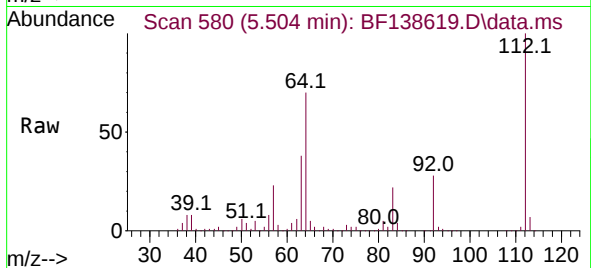
#5
2-Fluorophenol
Concen: 153.782 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

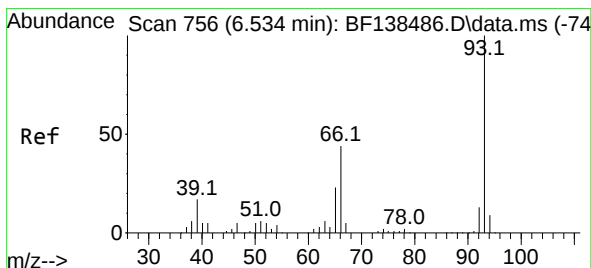
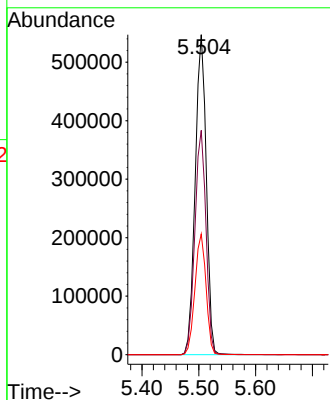
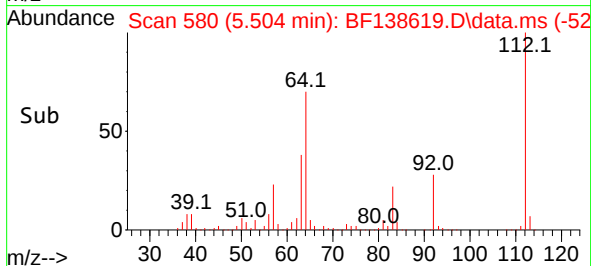


Tgt Ion:112 Resp: 74596
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 37.7 29.0 43.6

Manual Integrations

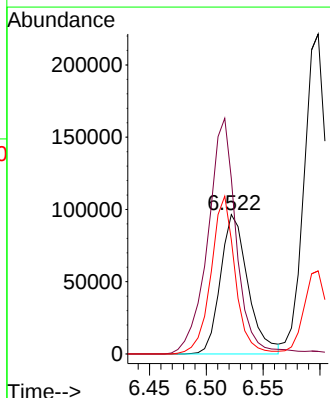
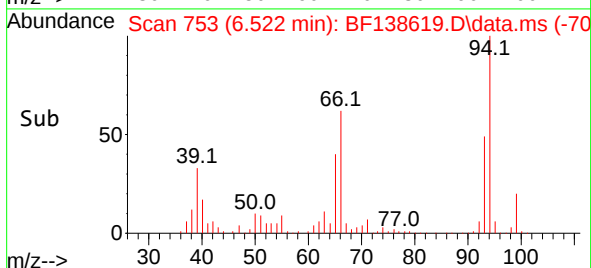
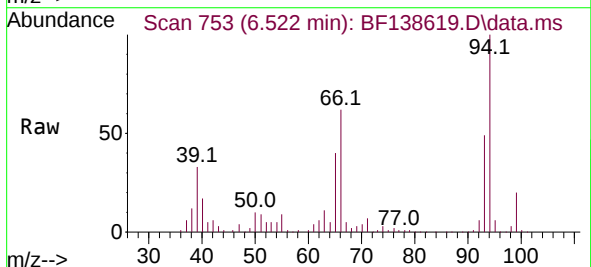
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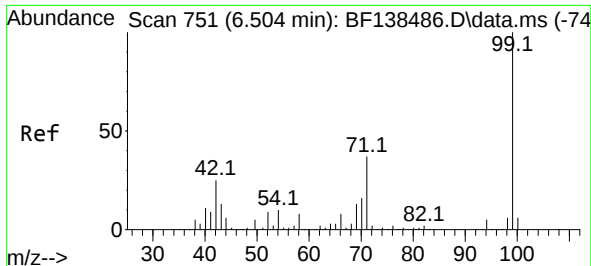
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#6
Aniline
Concen: 26.868 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

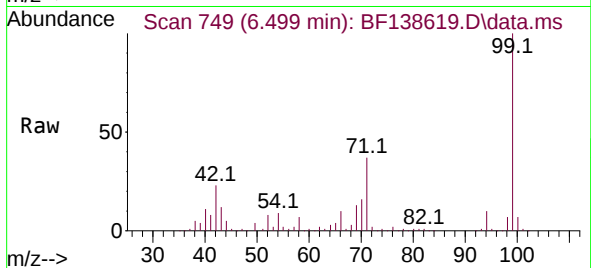
Tgt Ion: 93 Resp: 162397
Ion Ratio Lower Upper
93 100
66 126.0 35.4 53.0#
65 82.1 18.6 27.8#





#7
Phenol-d6
Concen: 152.667 ng
RT: 6.499 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

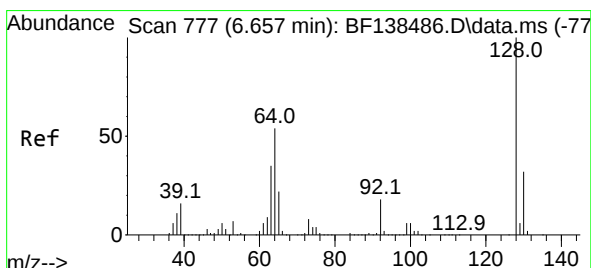
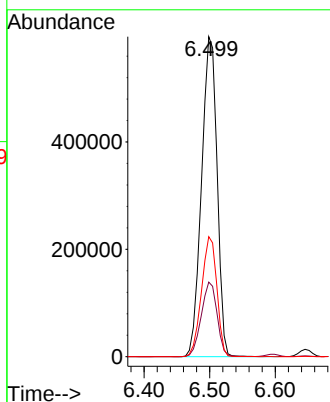
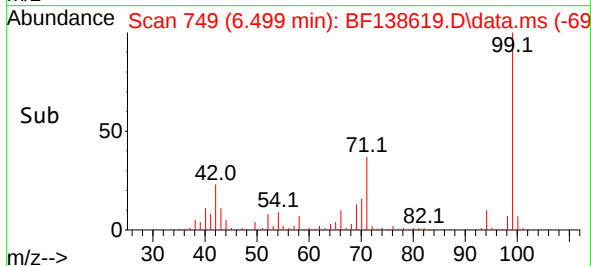
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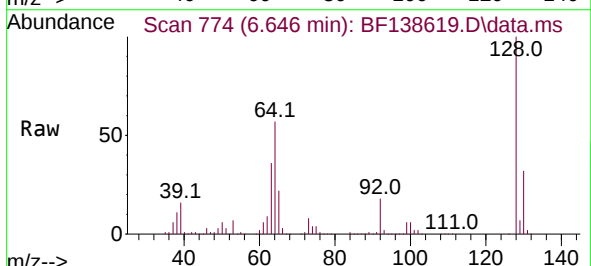
Tgt Ion: 99 Resp: 98516
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 37.5 29.9 44.9

Manual Integrations
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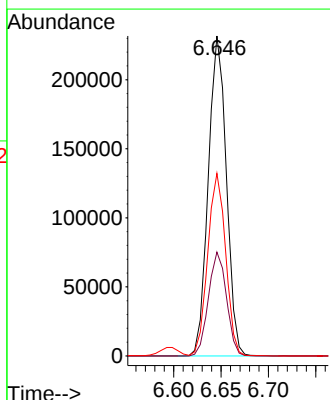
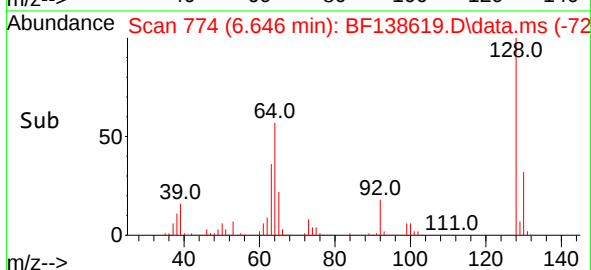
Reviewed By :Jagrut Upadhyay 07/24/2024
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#8
2-Chlorophenol
Concen: 59.809 ng
RT: 6.646 min Scan# 774
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:128 Resp: 306772
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 57.0 34.4 74.4





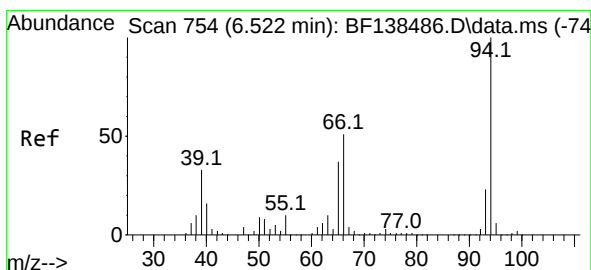
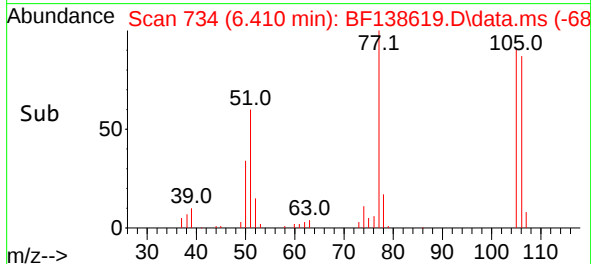
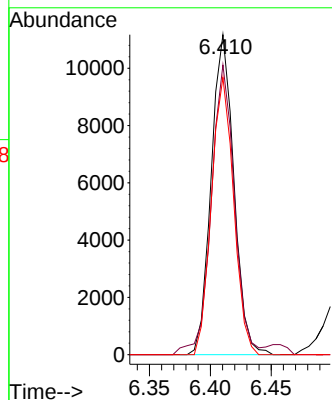
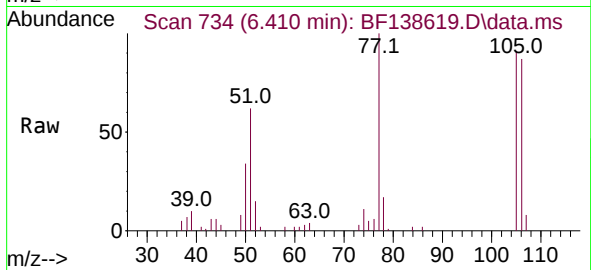
#9
Benzaldehyde
Concen: 4.183 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion: 77 Resp: 14448
Ion Ratio Lower Upper
77 100
105 90.5 75.1 115.1
106 86.6 73.2 113.2

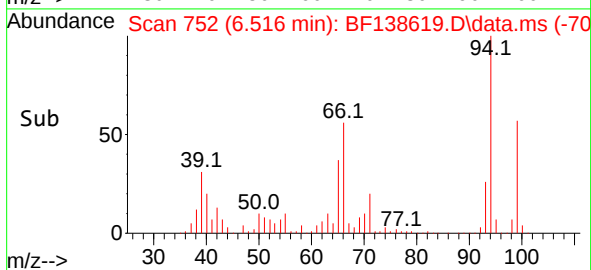
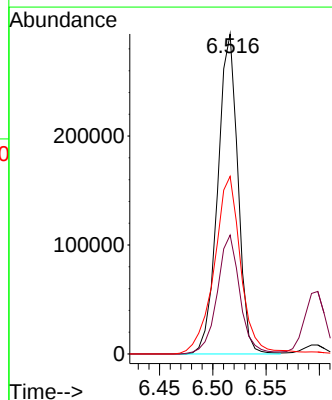
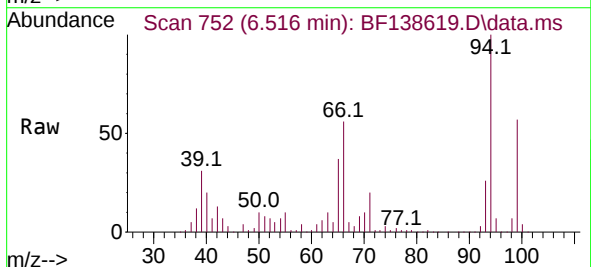
Manual Integrations
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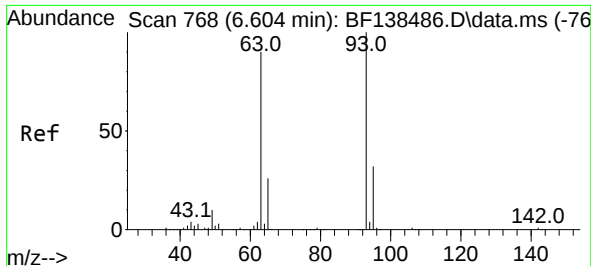
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Phenol
Concen: 56.252 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion: 94 Resp: 385296
Ion Ratio Lower Upper
94 100
65 37.2 16.7 56.7
66 55.5 31.2 71.2





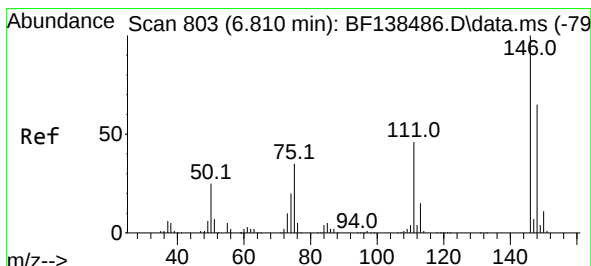
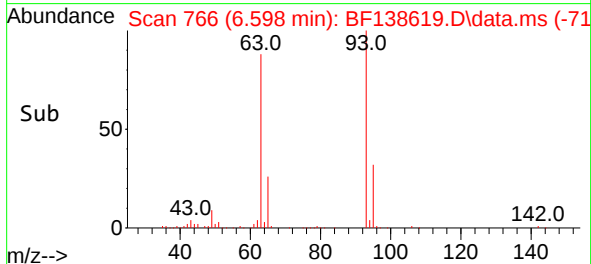
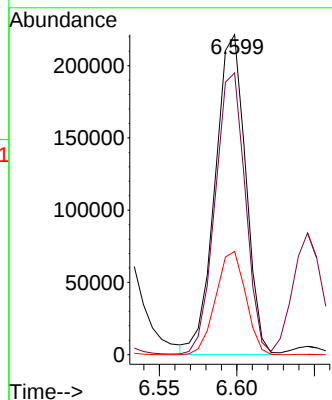
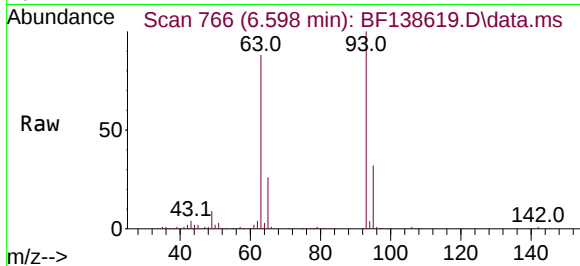
#11
bis(2-Chloroethyl)ether
Concen: 58.955 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion: 93 Resp: 304034
Ion Ratio Lower Upper
93 100
63 88.1 68.8 108.8
95 32.2 11.8 51.8

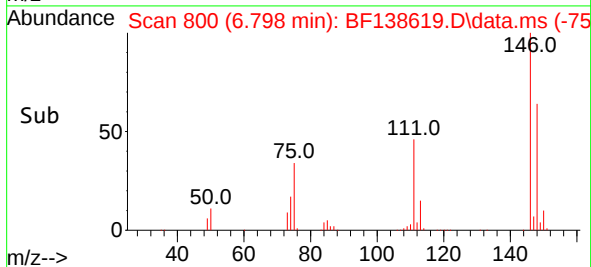
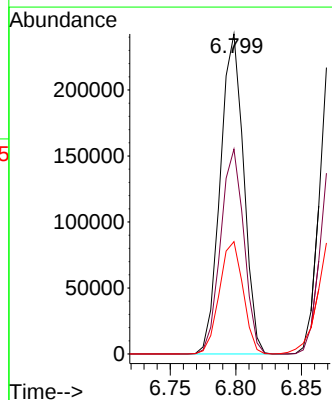
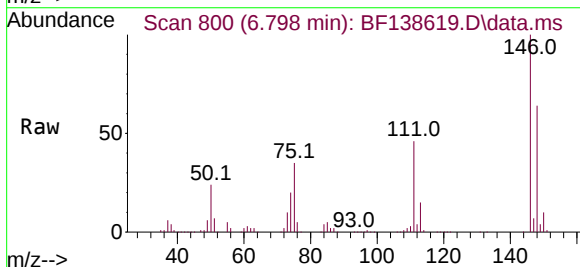
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#12
1,3-Dichlorobenzene
Concen: 52.043 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:146 Resp: 300056
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
75 35.1 27.8 41.8





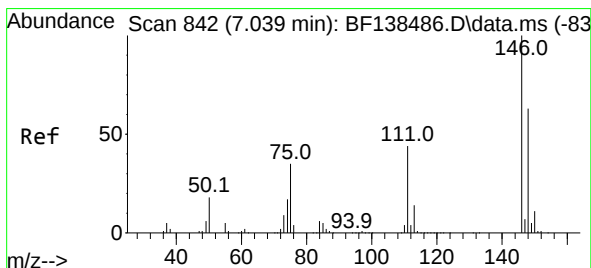
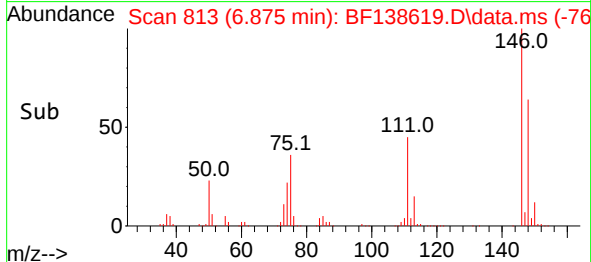
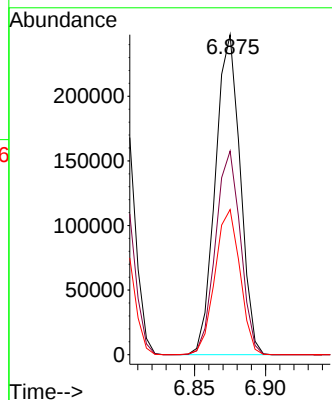
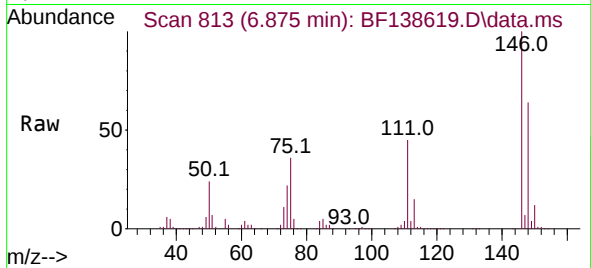
#13
1,4-Dichlorobenzene
Concen: 51.450 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:146 Resp: 301227
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 45.4 34.9 52.3

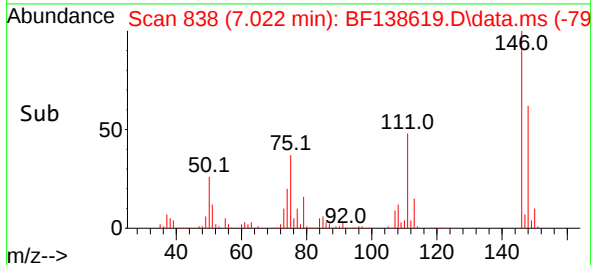
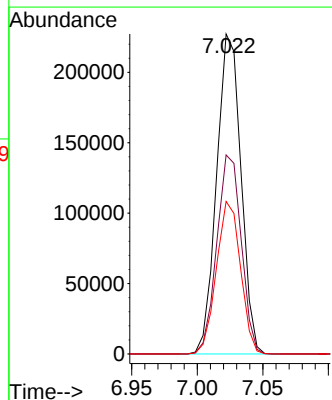
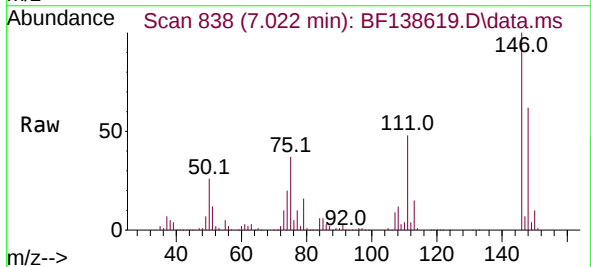
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 53.718 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

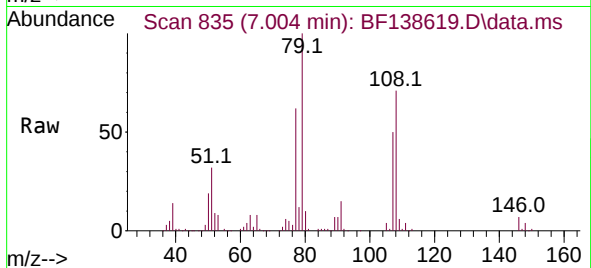
Tgt Ion:146 Resp: 292924
Ion Ratio Lower Upper
146 100
148 62.2 50.1 75.1
111 47.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 61.550 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

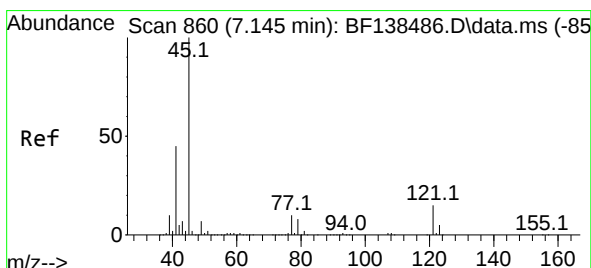
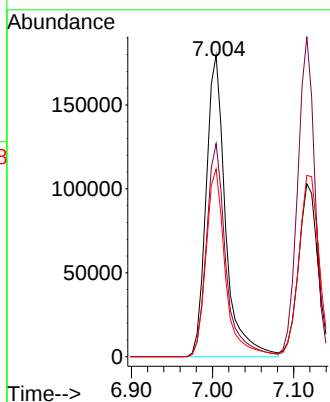
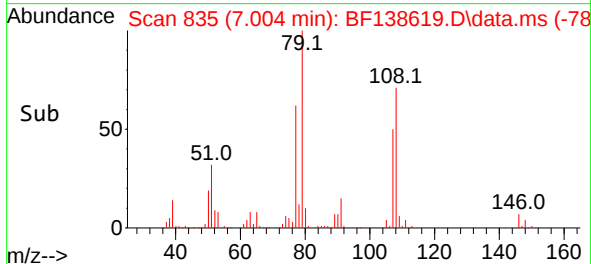
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion: 79 Resp: 298074
Ion Ratio Lower Upper
79 100
108 70.7 54.3 81.5
77 62.2 50.0 75.0

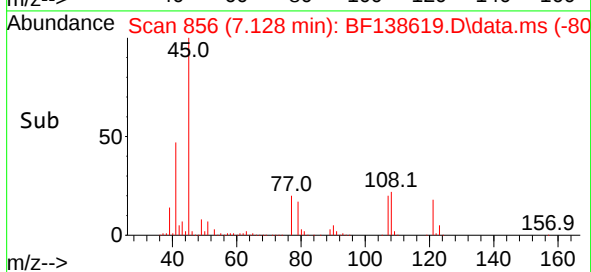
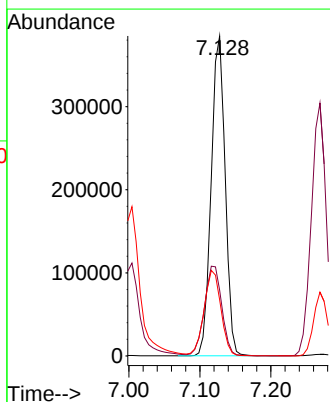
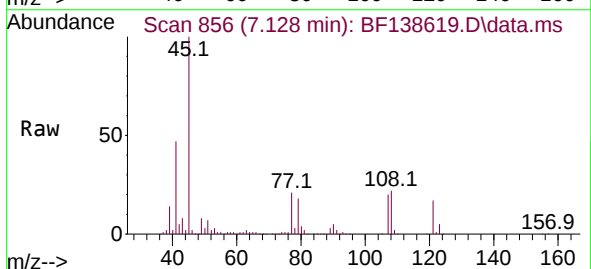
Manual Integrations
APPROVED

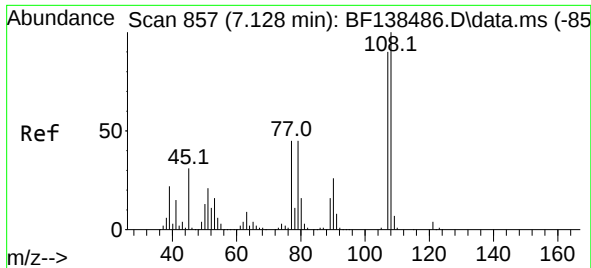
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.820 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

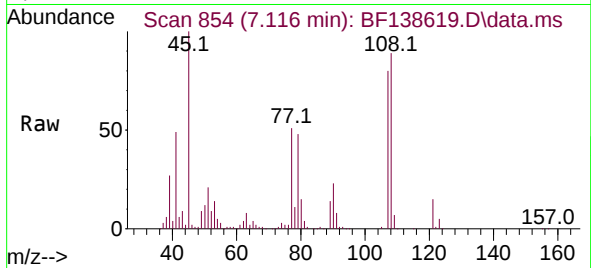
Tgt Ion: 45 Resp: 525525
Ion Ratio Lower Upper
45 100
77 20.6 0.0 30.4
79 17.5 0.0 28.1





#17
2-Methylphenol
Concen: 60.133 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

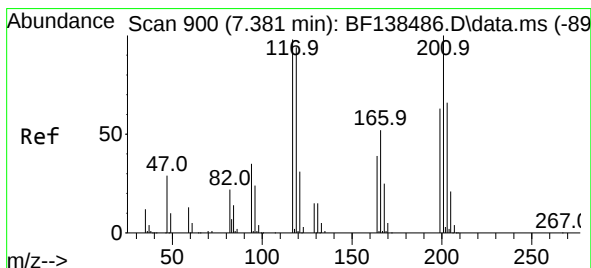
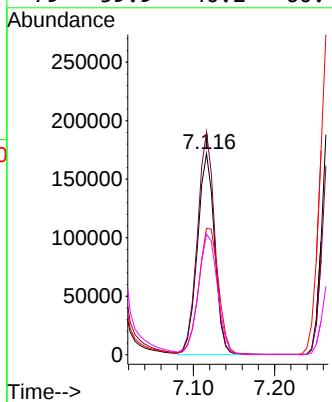
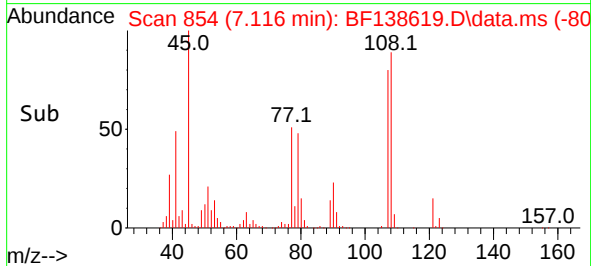
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:107 Resp: 25278
Ion Ratio Lower Upper
107 100
108 110.9 89.0 133.4
77 62.9 40.3 60.5
79 59.9 40.2 60.4

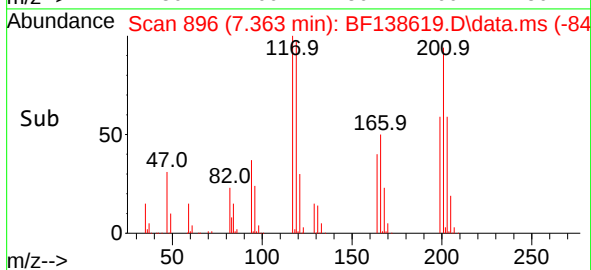
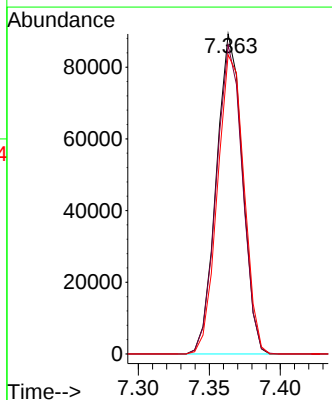
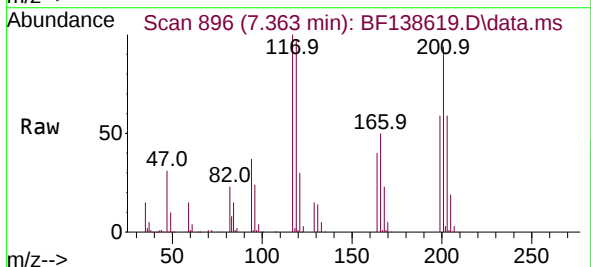
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#18
Hexachloroethane
Concen: 52.866 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

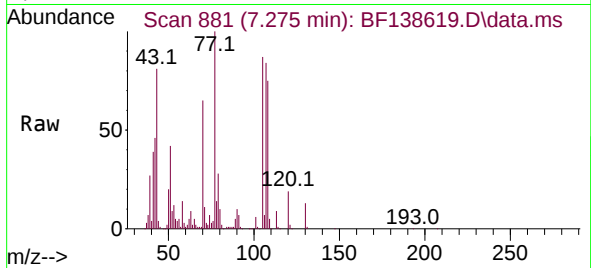
Tgt Ion:117 Resp: 113786
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8
201 93.5 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 59.736 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

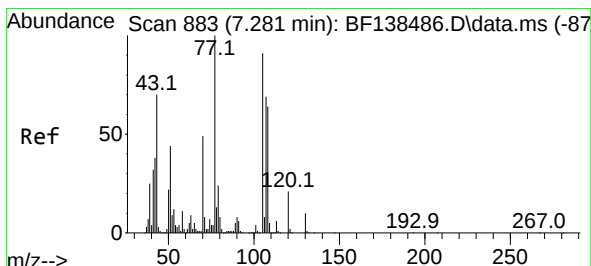
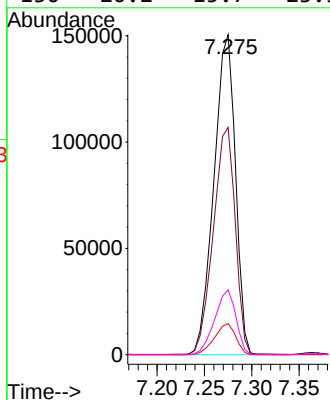
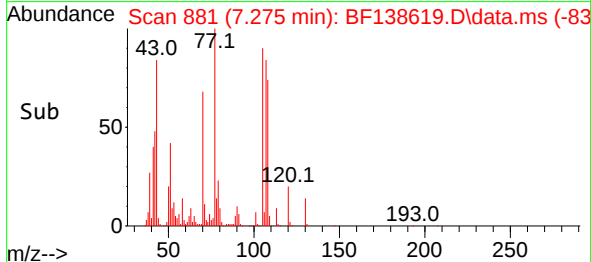
Instrument :
BNA_F
ClientSampleId :
285-290MS



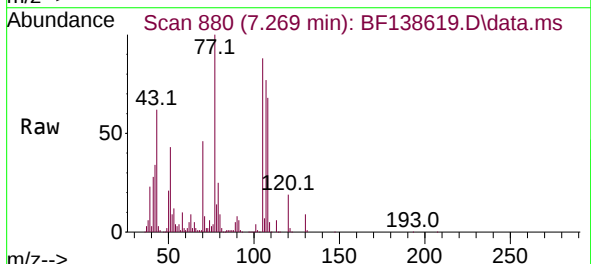
Tgt Ion: 70 Resp: 238189
Ion Ratio Lower Upper
70 100
42 71.0 62.4 93.6
101 9.7 7.2 10.8
130 20.2 15.7 23.5

Manual Integrations
APPROVED

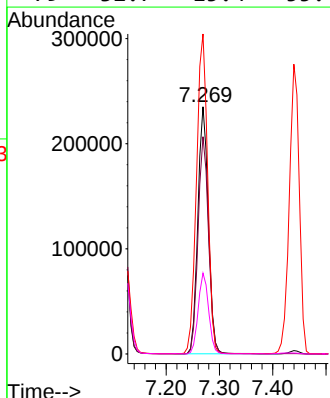
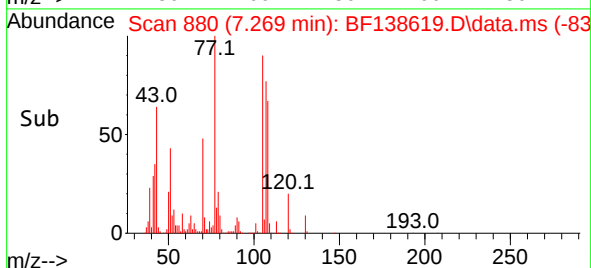
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

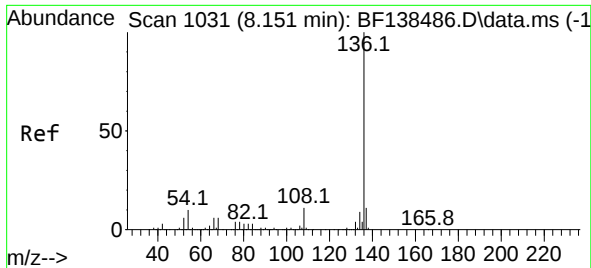


#20
3+4-Methylphenols
Concen: 60.637 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:107 Resp: 320985
Ion Ratio Lower Upper
107 100
108 87.9 73.7 113.7
77 129.4 126.0 166.0
79 32.7 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

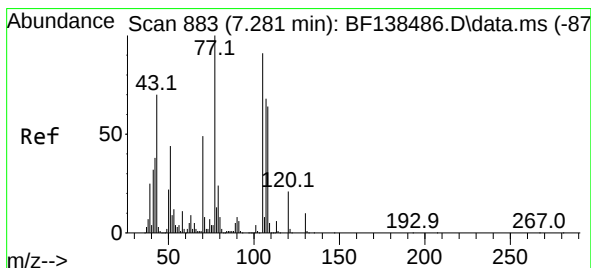
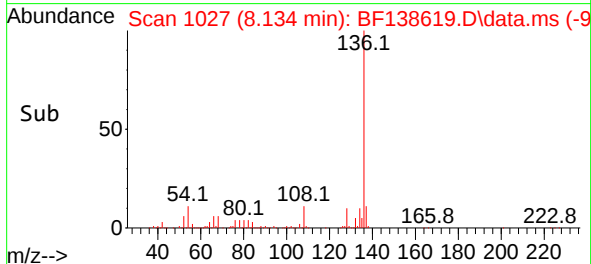
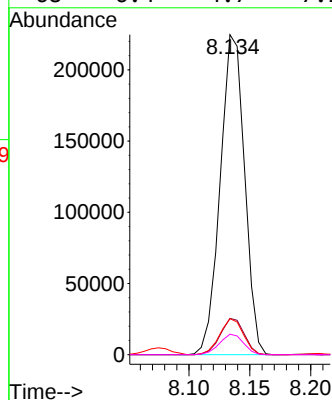
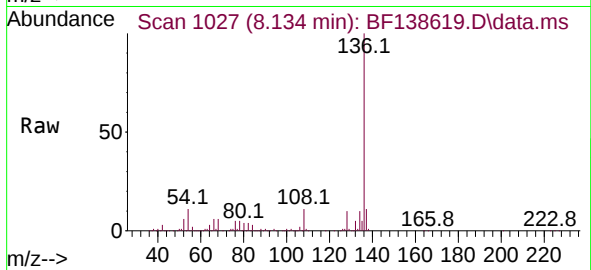
285-290MS

Tgt Ion:136 Resp: 31291
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.3 8.1 12.1
68 6.4 4.7 7.1

Manual Integrations

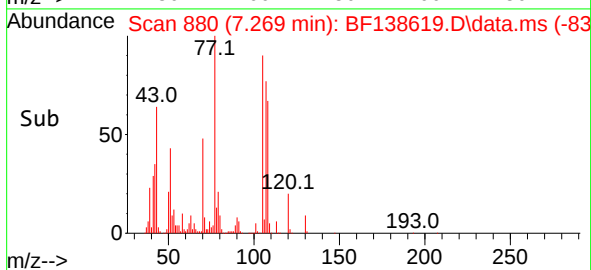
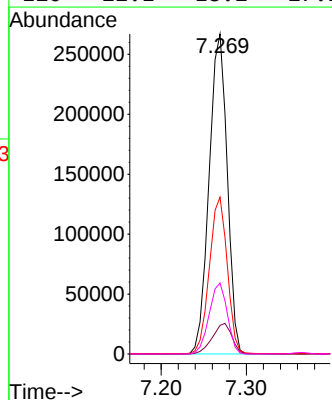
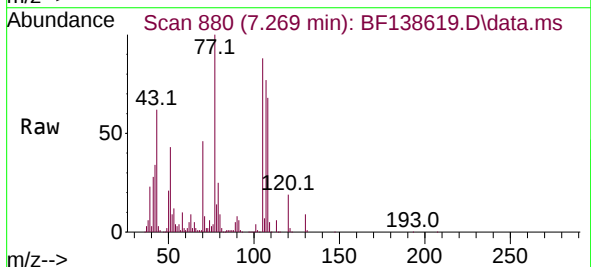
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 51.820 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:105 Resp: 393821
Ion Ratio Lower Upper
105 100
71 8.9 7.4 11.2
51 49.0 38.7 58.1
120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 104.443 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

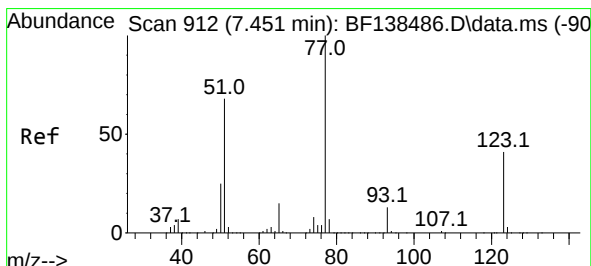
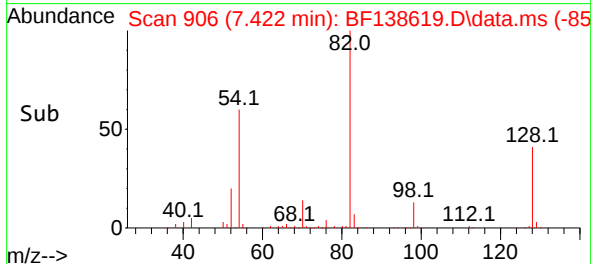
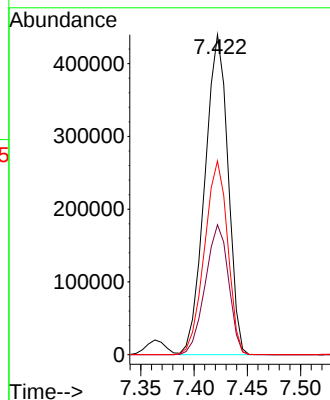
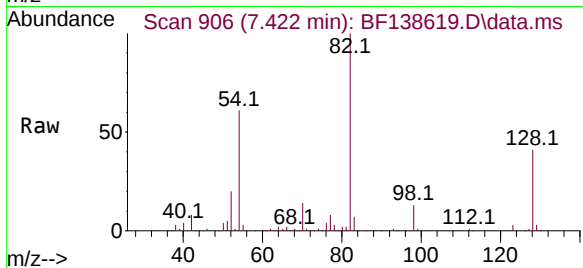
285-290MS

Tgt Ion: 82 Resp: 665644
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.3 48.5
 54 60.6 51.4 77.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024



#24

Nitrobenzene

Concen: 55.620 ng

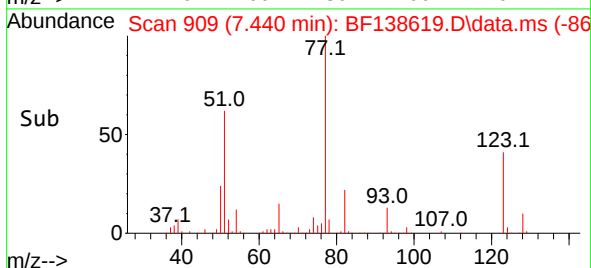
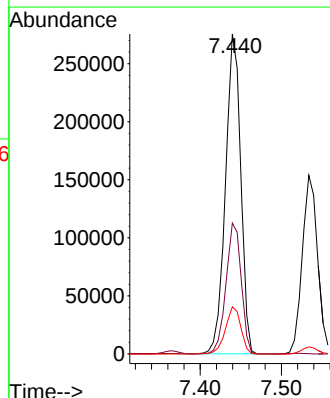
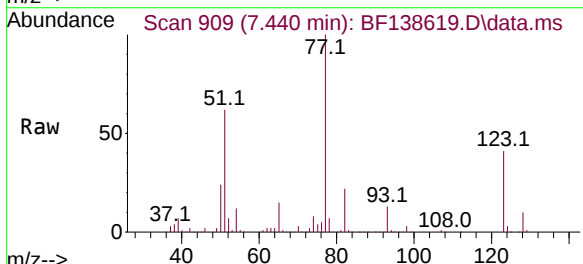
RT: 7.440 min Scan# 909

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

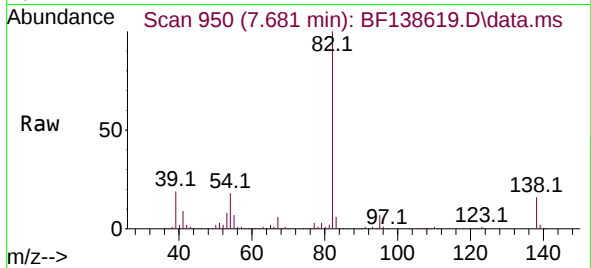
Tgt Ion: 77 Resp: 360232
 Ion Ratio Lower Upper
 77 100
 123 40.9 32.4 48.6
 65 14.8 11.8 17.8





#25
Isophorone
Concen: 58.834 ng
RT: 7.681 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

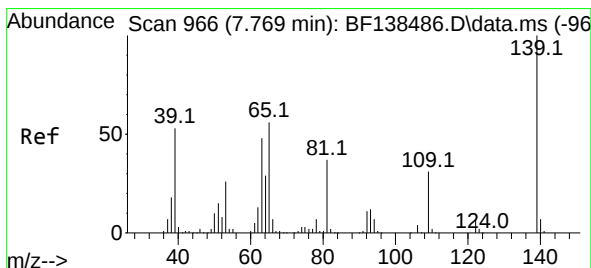
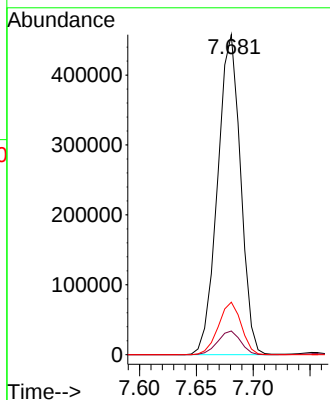
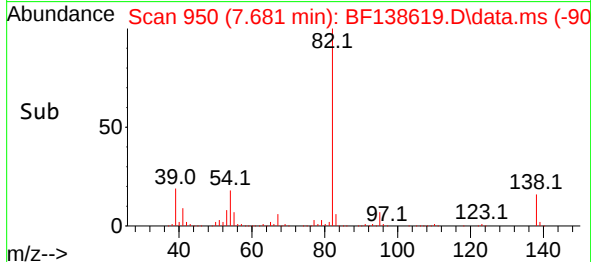
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion: 82 Resp: 643928
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.4 12.8 19.2

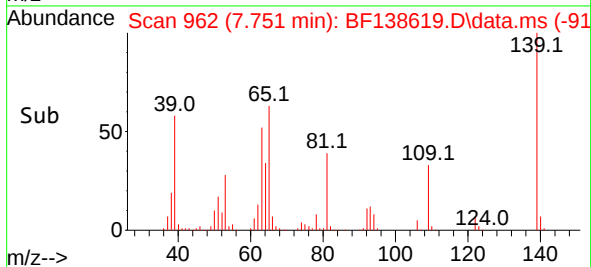
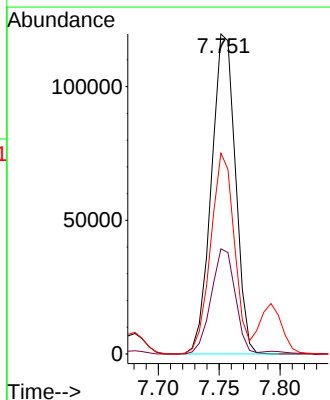
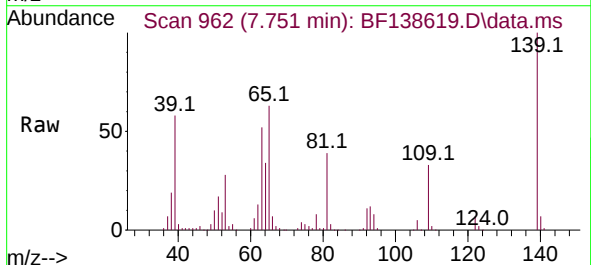
Manual Integrations
APPROVED

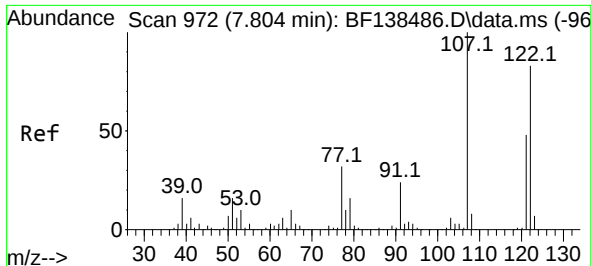
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#26
2-Nitrophenol
Concen: 59.239 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:139 Resp: 164440
Ion Ratio Lower Upper
139 100
109 32.8 24.8 37.2
65 62.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 63.639 ng m

RT: 7.793 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:122 Resp: 217120

Ion Ratio Lower Upper

122 100

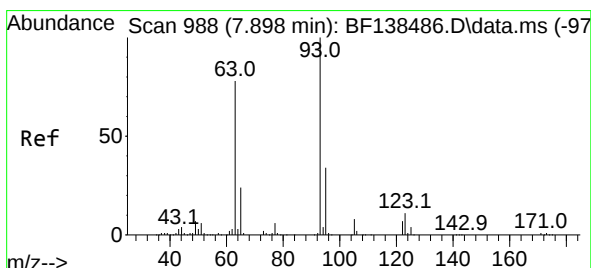
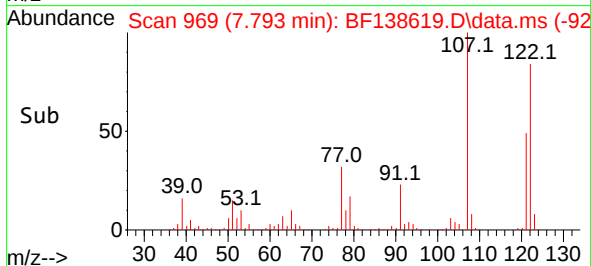
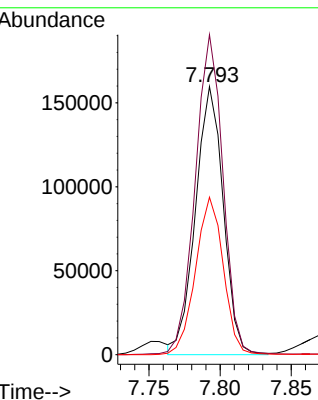
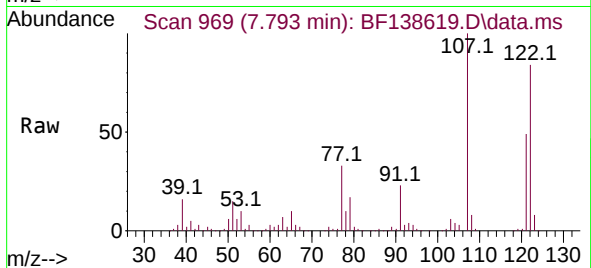
107 119.4 96.3 144.5

121 58.7 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 57.863 ng

RT: 7.887 min Scan# 985

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

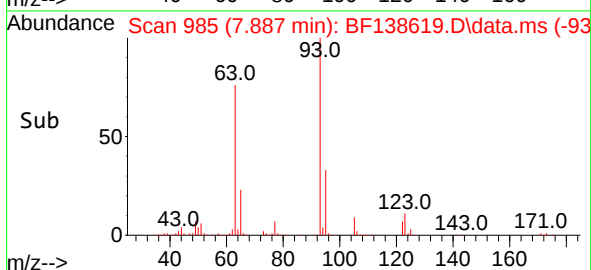
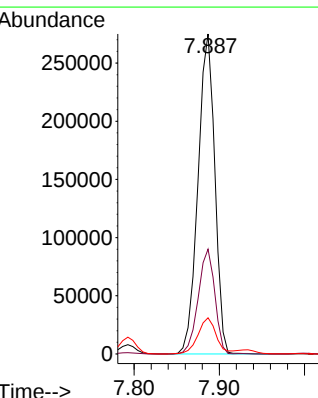
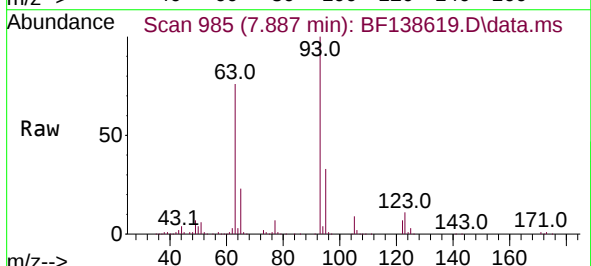
Tgt Ion: 93 Resp: 378487

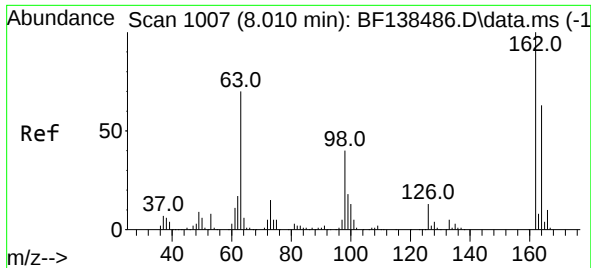
Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.6

123 11.3 9.1 13.7





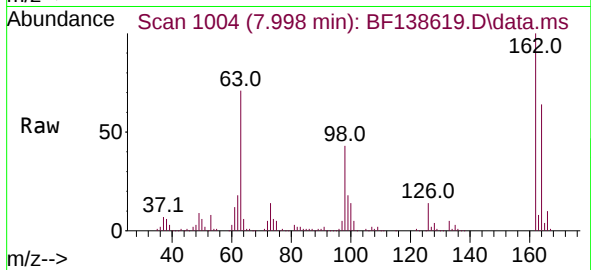
#29
2,4-Dichlorophenol
Concen: 57.020 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

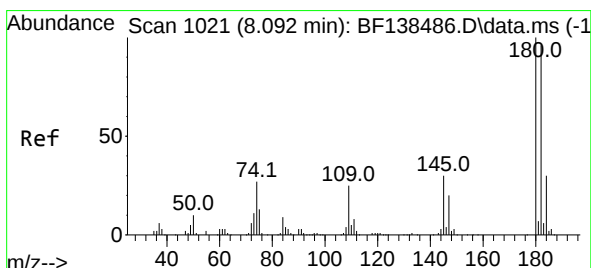
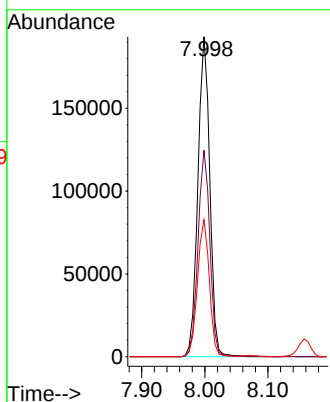
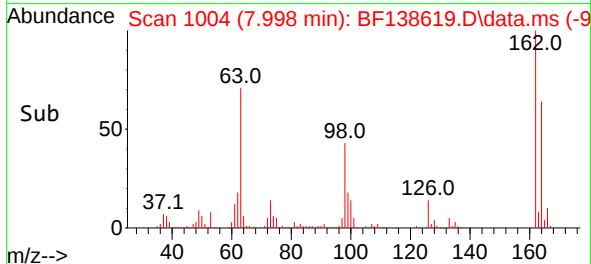


Tgt Ion:162 Resp: 25262
Ion Ratio Lower Upper
162 100
164 64.5 42.6 82.6
98 42.8 20.1 60.1

Manual Integrations

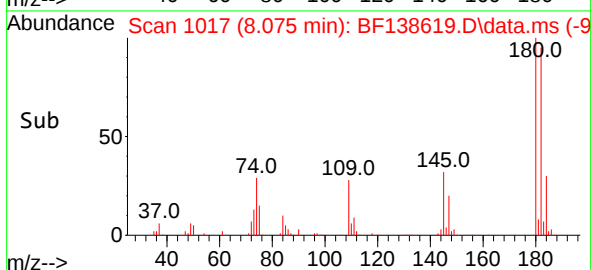
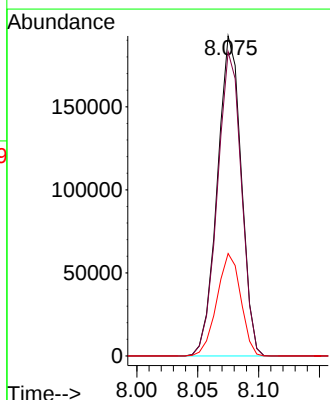
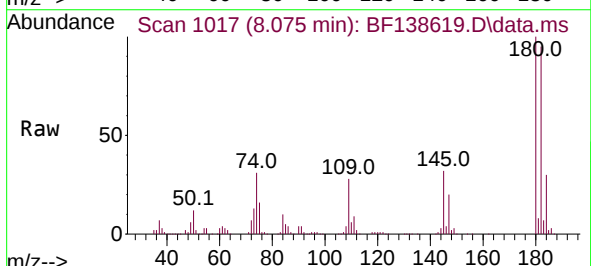
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 50.959 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:180 Resp: 263010
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 32.0 23.9 35.9





#31
Naphthalene
Concen: 54.771 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

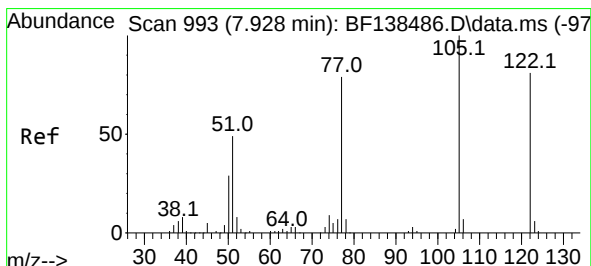
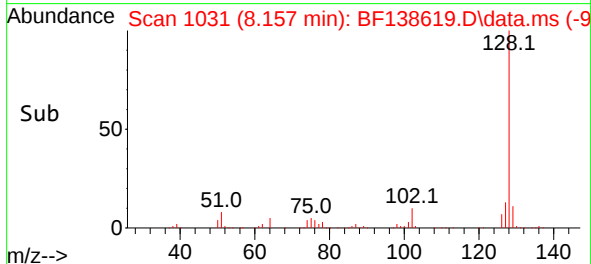
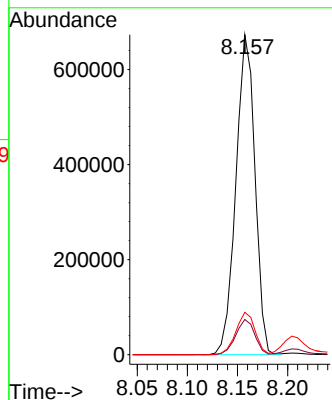
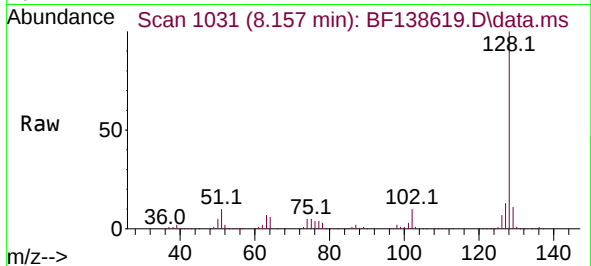
285-290MS

Tgt Ion:128 Resp: 89133
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.7 16.1

Manual Integrations

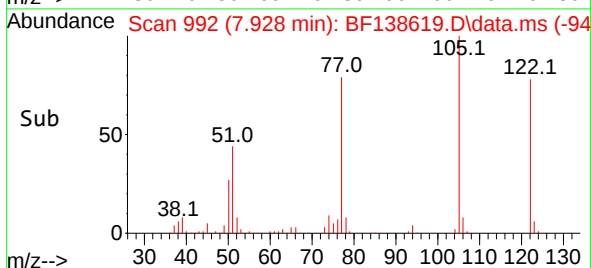
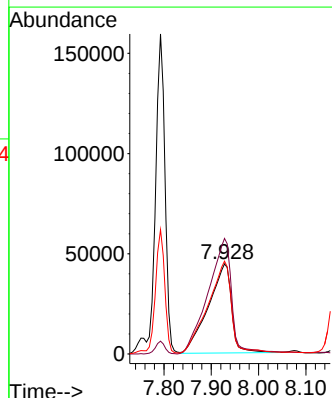
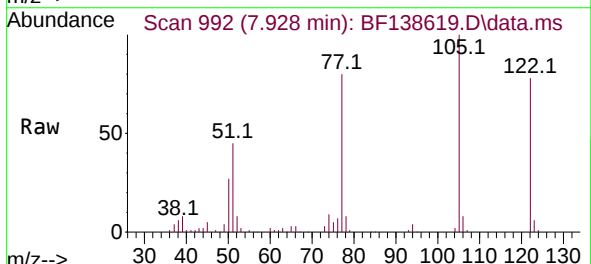
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#32
Benzoic acid
Concen: 46.590 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:122 Resp: 151605
Ion Ratio Lower Upper
122 100
105 128.3 101.5 141.5
77 103.0 77.3 117.3





#33
4-Chloroaniline
Concen: 11.799 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

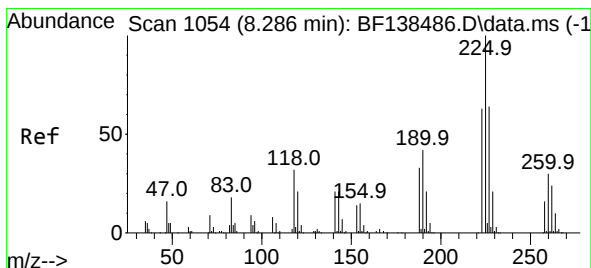
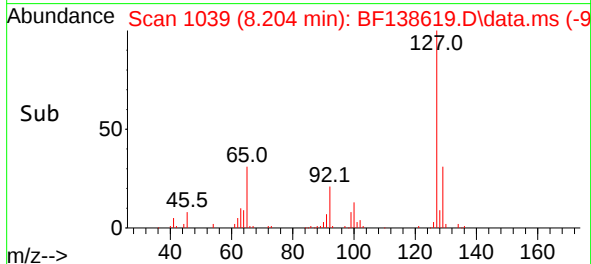
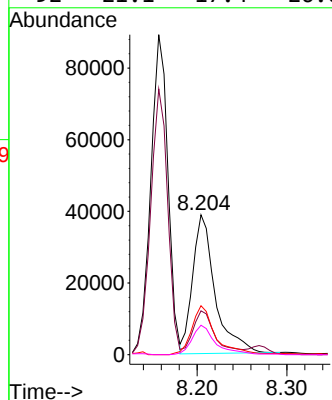
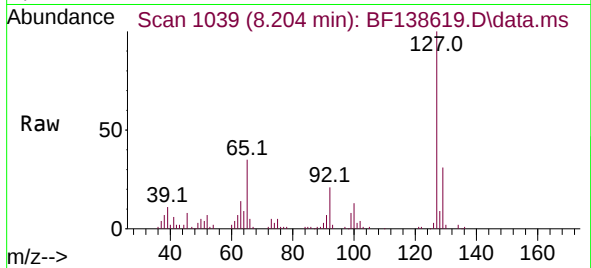
285-290MS

Tgt Ion:	127	Resp:	67374
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.6	38.4
65	35.0	29.6	44.4
92	21.1	17.4	26.0

Manual Integrations

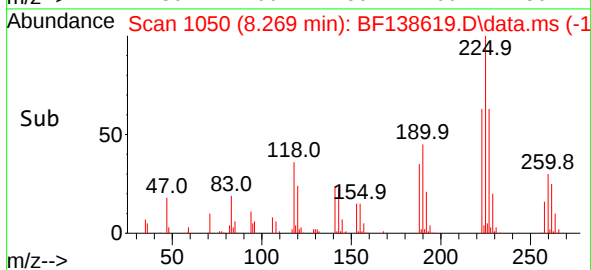
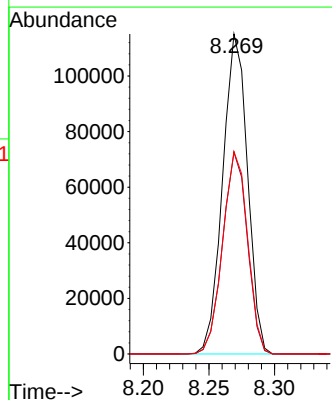
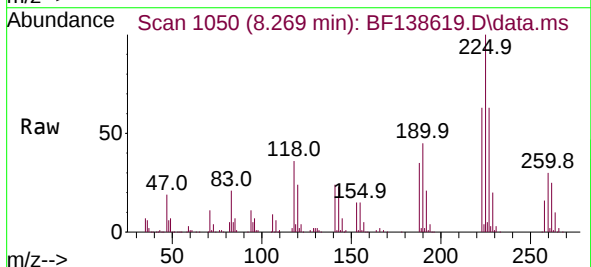
APPROVED

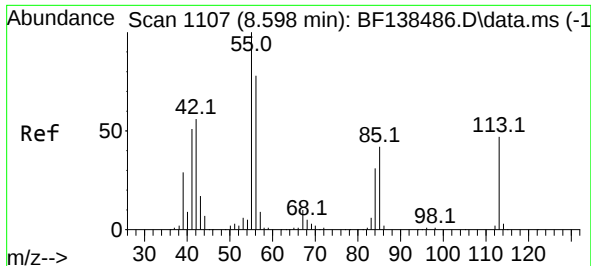
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#34
Hexachlorobutadiene
Concen: 47.704 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

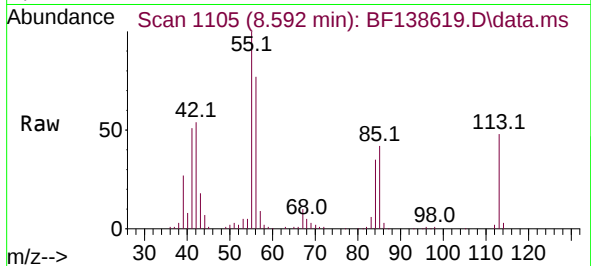
Tgt Ion:	225	Resp:	151614
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.0	75.0
227	63.2	51.0	76.6





#35
Caprolactam
Concen: 45.578 ng m
RT: 8.592 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

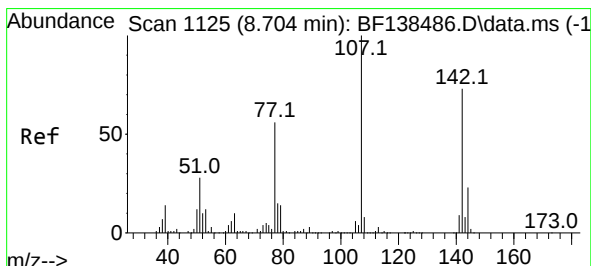
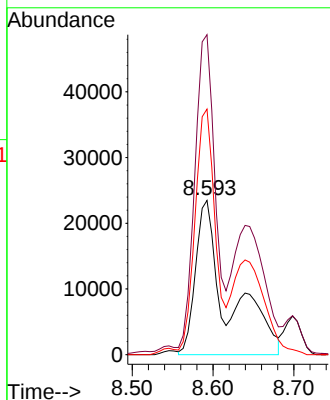
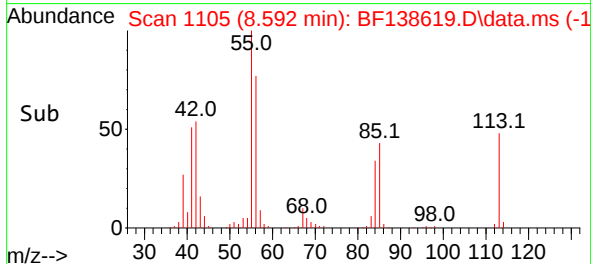
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:113 Resp: 65160
Ion Ratio Lower Upper
113 100
55 207.4 192.5 232.5
56 159.2 145.3 185.3

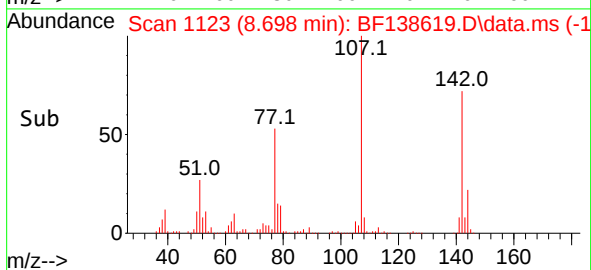
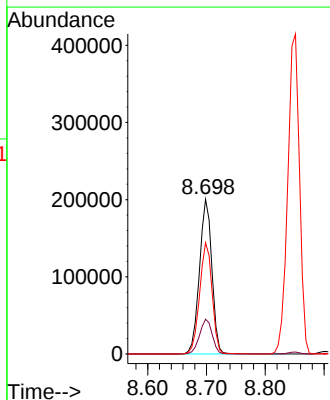
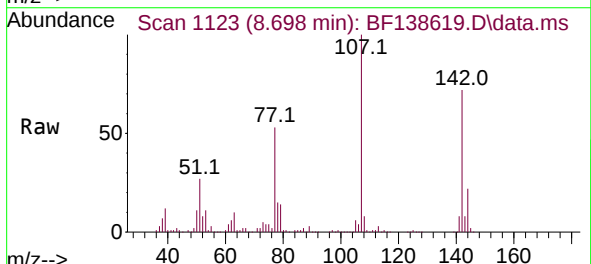
Manual Integrations
APPROVED

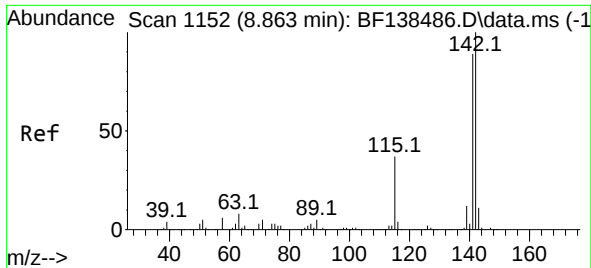
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#36
4-Chloro-3-methylphenol
Concen: 59.465 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

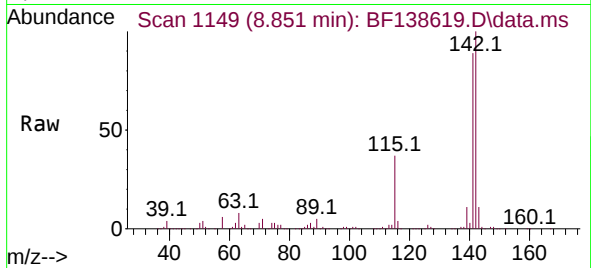
Tgt Ion:107 Resp: 294946
Ion Ratio Lower Upper
107 100
144 22.5 18.6 27.8
142 71.9 58.6 88.0





#37
2-Methylnaphthalene
Concen: 55.081 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

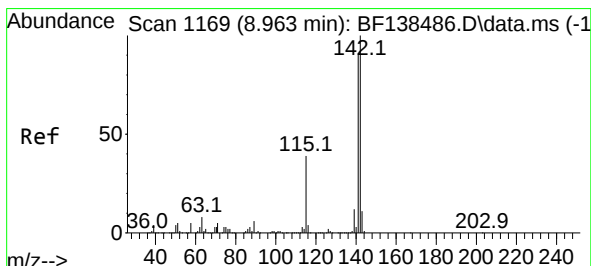
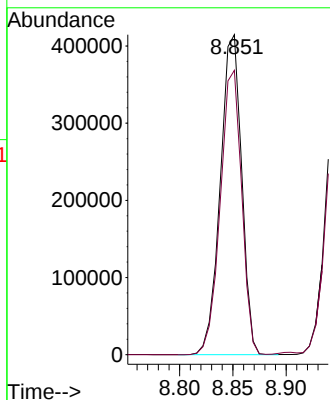
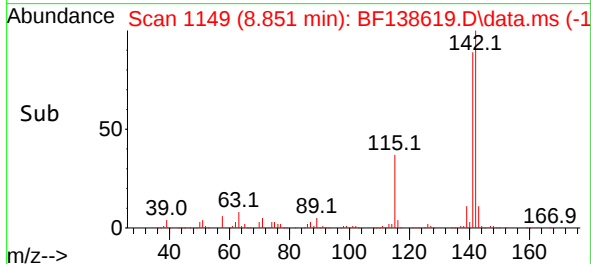
Instrument :
BNA_F
ClientSampleId :
285-290MS



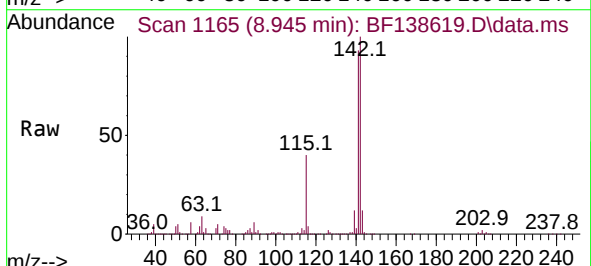
Tgt Ion:142 Resp: 57684
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

Manual Integrations
APPROVED

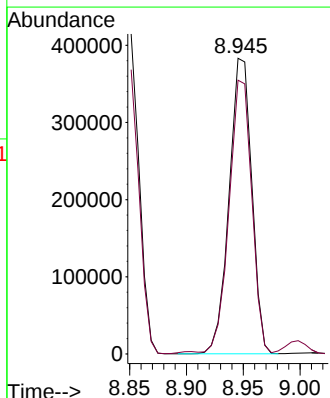
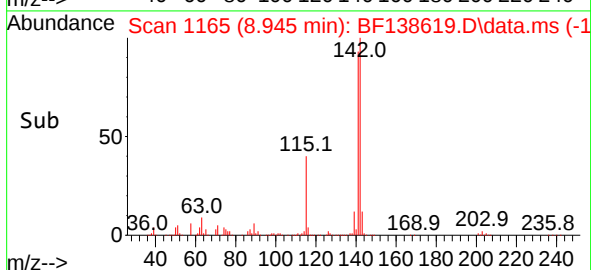
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 51.937 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



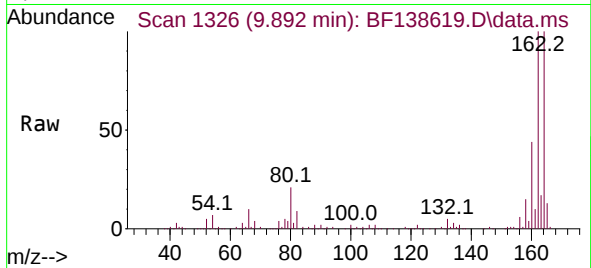
Tgt Ion:142 Resp: 530838
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1176
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

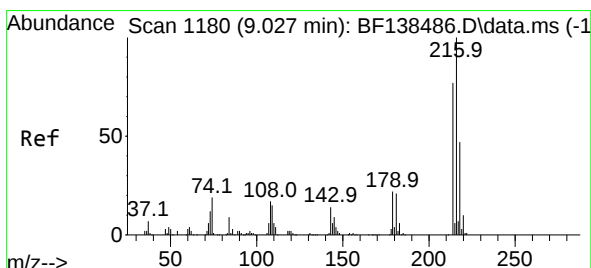
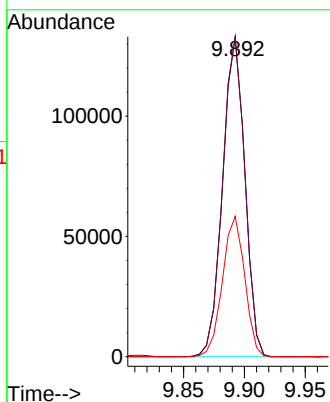
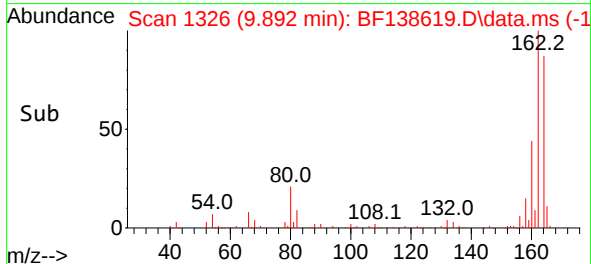
Instrument :
BNA_F
ClientSampleId :
285-290MS



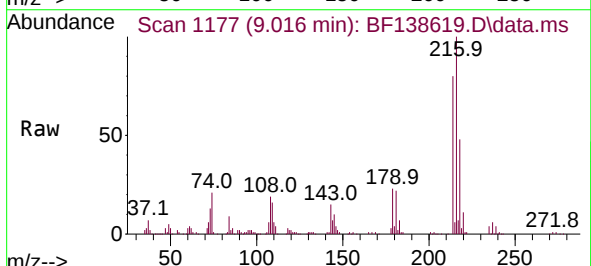
Tgt Ion:164 Resp: 168710
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.0 34.4 51.6

Manual Integrations
APPROVED

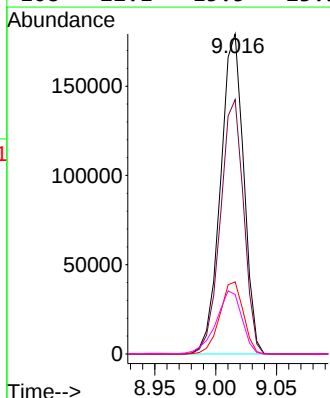
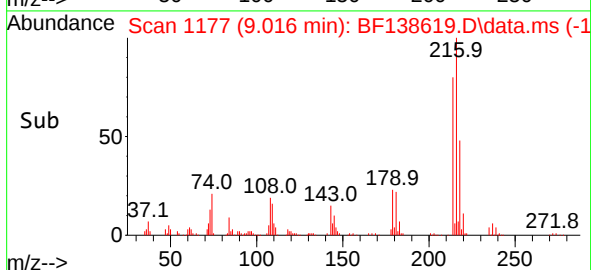
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.365 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



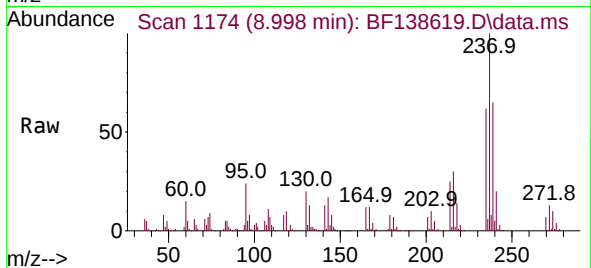
Tgt Ion:216 Resp: 236825
Ion Ratio Lower Upper
216 100
214 79.7 62.8 94.2
179 22.8 17.7 26.5
108 22.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 114.442 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

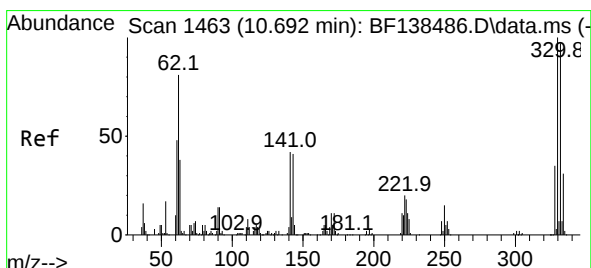
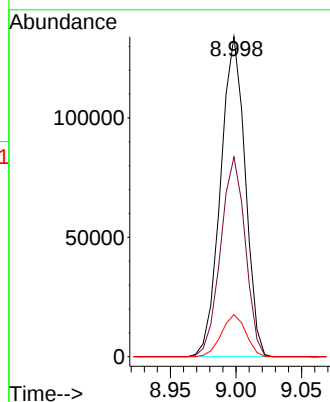
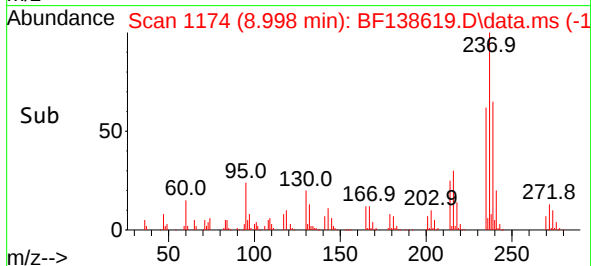
Instrument :
BNA_F
ClientSampleId :
285-290MS



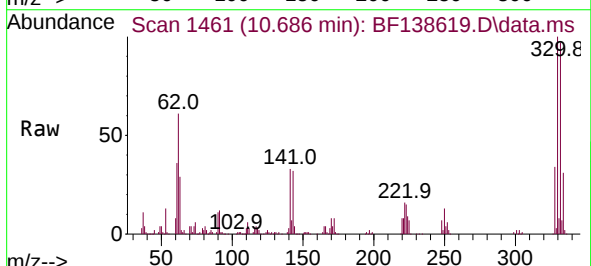
Tgt Ion:237 Resp: 174668
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 13.2 0.0 32.3

Manual Integrations
APPROVED

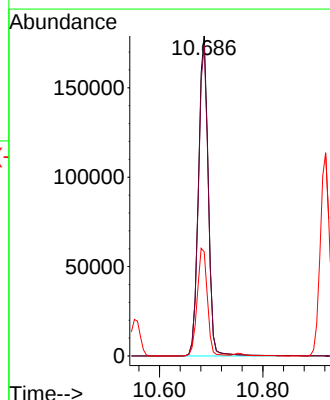
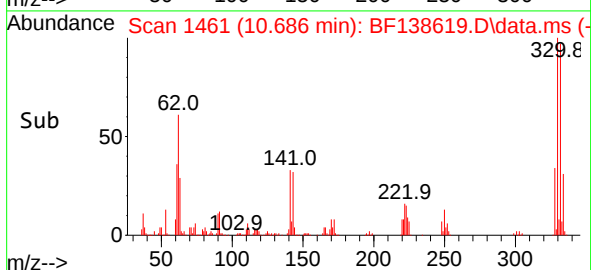
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

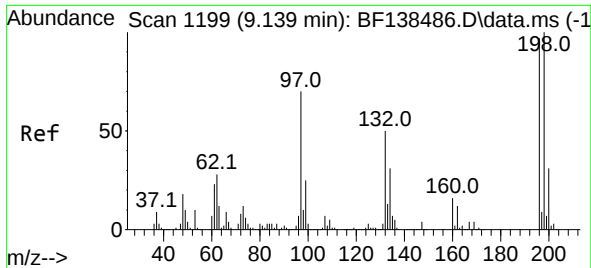


#42
2,4,6-Tribromophenol
Concen: 149.292 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:330 Resp: 235407
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 34.6 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 57.675 ng
RT: 9.134 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

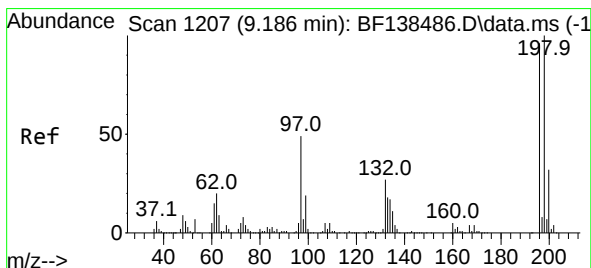
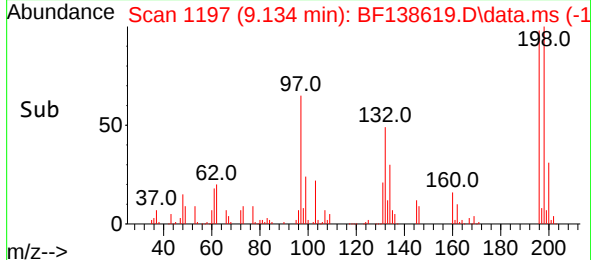
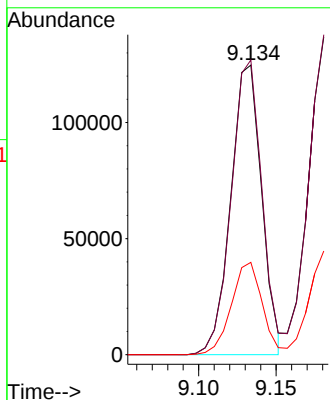
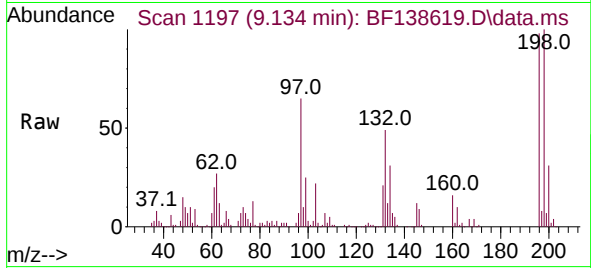
285-290MS

Tgt Ion:196 Resp: 17299
Ion Ratio Lower Upper
196 100
198 101.7 82.3 123.5
200 31.9 25.8 38.6

Manual Integrations

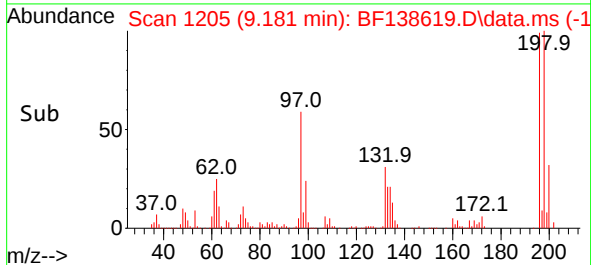
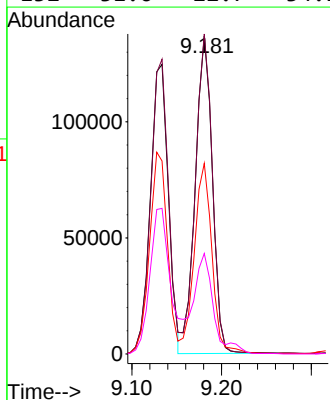
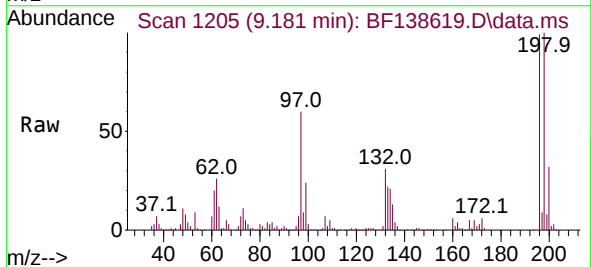
APPROVED

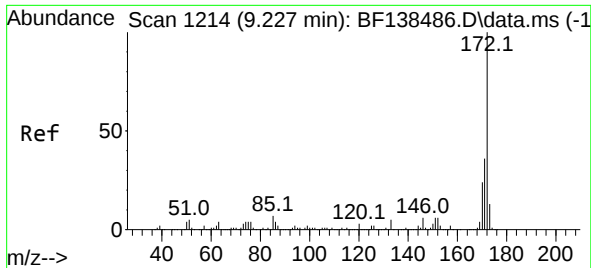
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#44
2,4,5-Trichlorophenol
Concen: 55.006 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

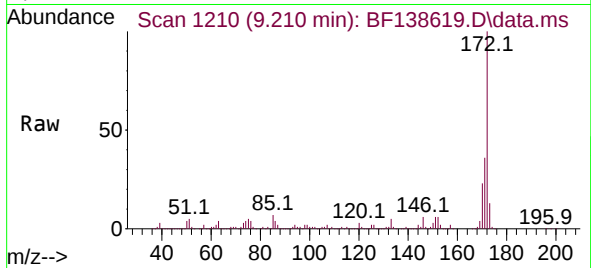
Tgt Ion:196 Resp: 181466
Ion Ratio Lower Upper
196 100
198 100.7 82.8 124.2
97 59.9 41.0 61.4
132 31.6 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 101.831 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

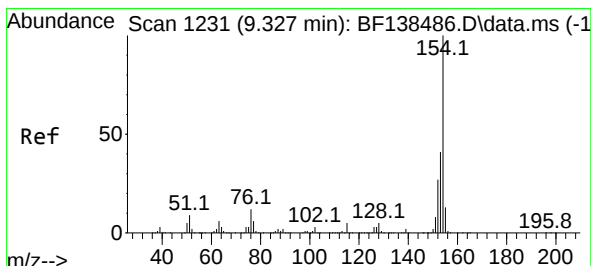
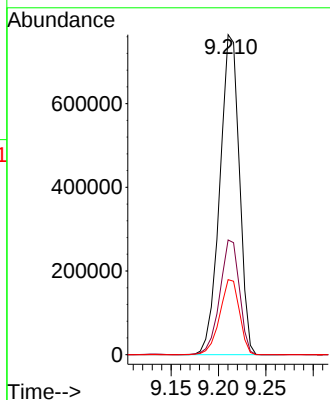
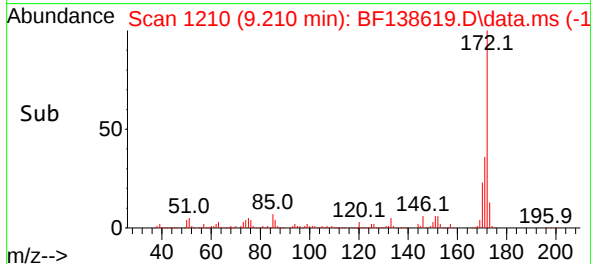
Instrument :
BNA_F
ClientSampleId :
285-290MS



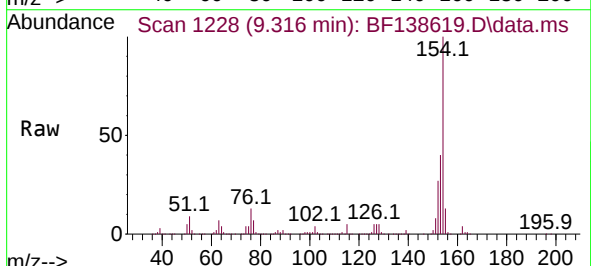
Tgt Ion:172 Resp: 109927
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations
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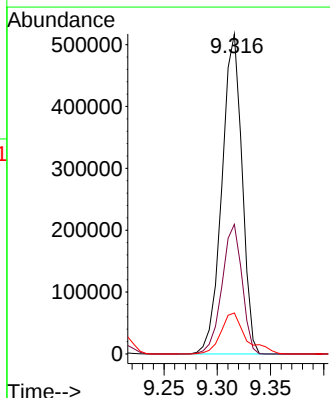
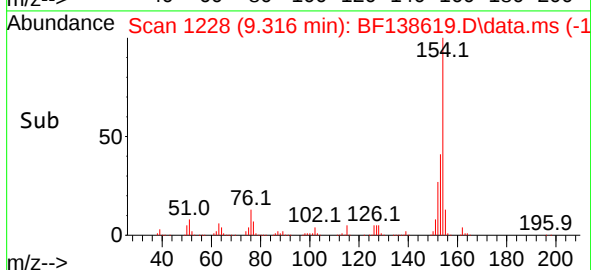
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

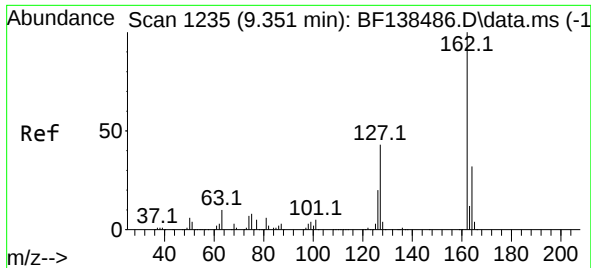


#46
1,1'-Biphenyl
Concen: 53.089 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:154 Resp: 678795
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 55.288 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:162 Resp: 53404

Ion Ratio Lower Upper

162 100

127 44.5 34.8 52.2

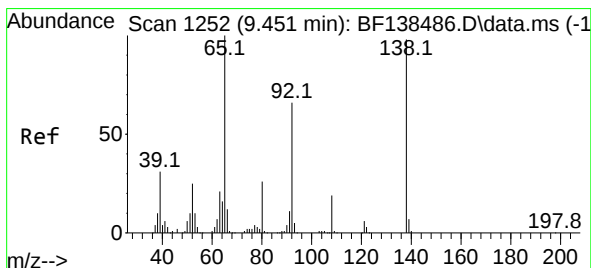
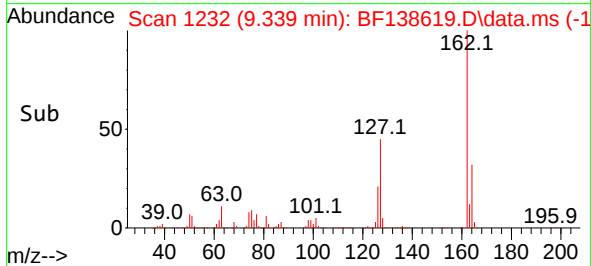
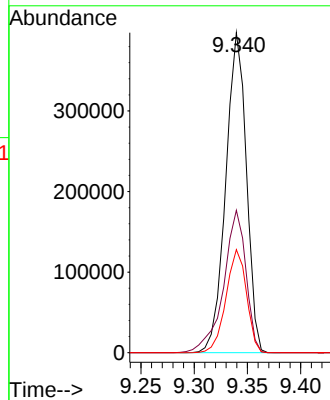
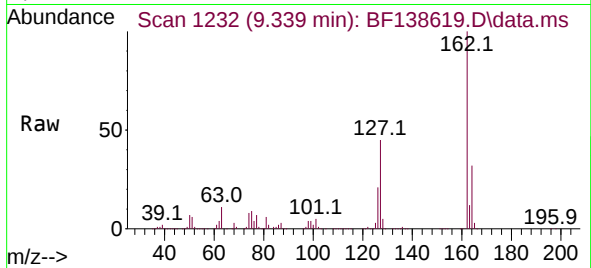
164 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024



#48

2-Nitroaniline

Concen: 60.215 ng

RT: 9.440 min Scan# 1249

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

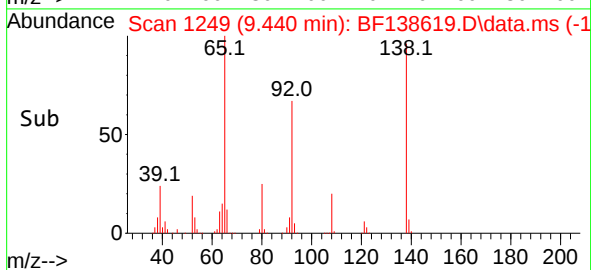
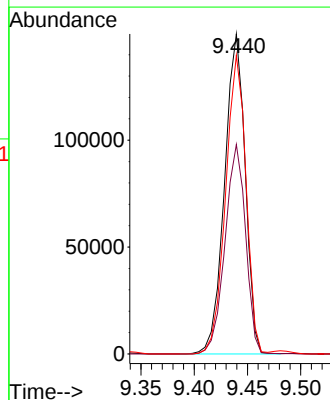
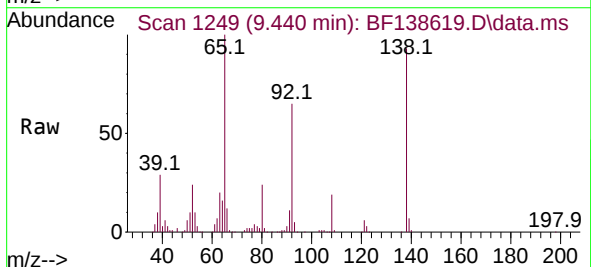
Tgt Ion: 65 Resp: 201555

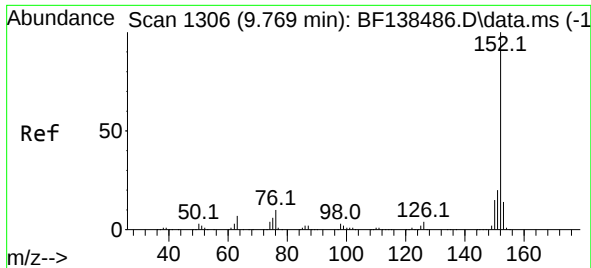
Ion Ratio Lower Upper

65 100

92 65.5 52.6 78.8

138 93.3 78.6 118.0





#49
Acenaphthylene
Concen: 61.018 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

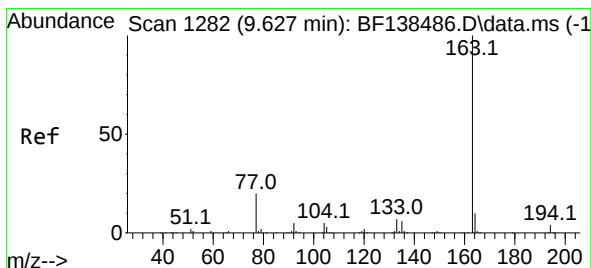
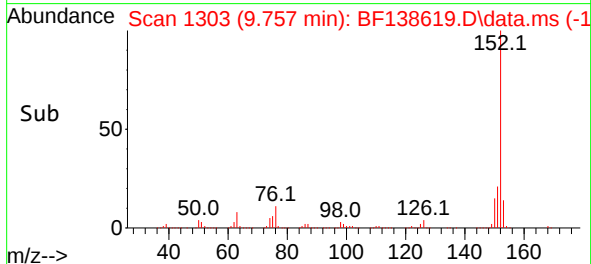
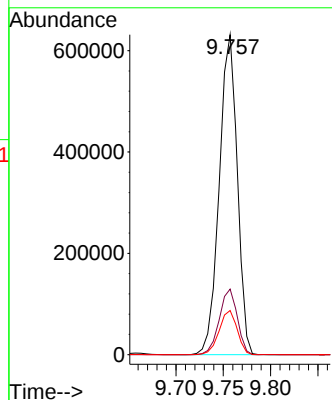
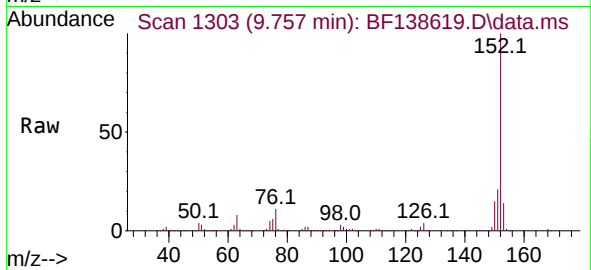
285-290MS

Tgt Ion:152 Resp: 836792
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.8 11.3 16.9

Manual Integrations

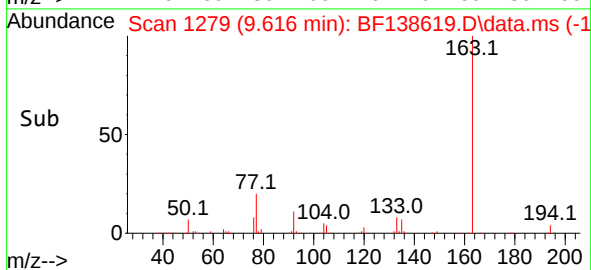
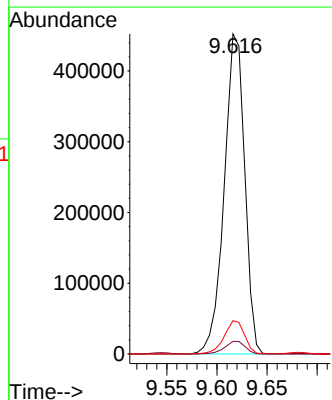
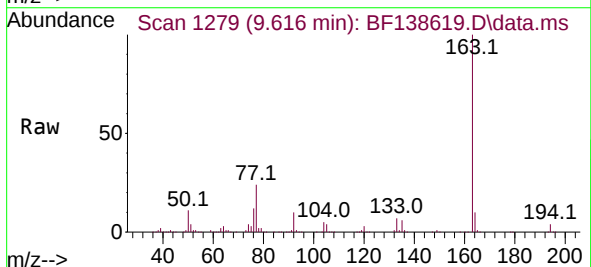
APPROVED

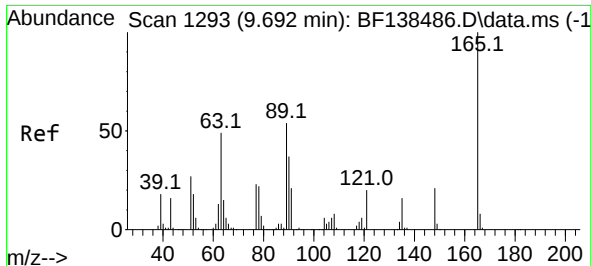
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#50
Dimethylphthalate
Concen: 58.967 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

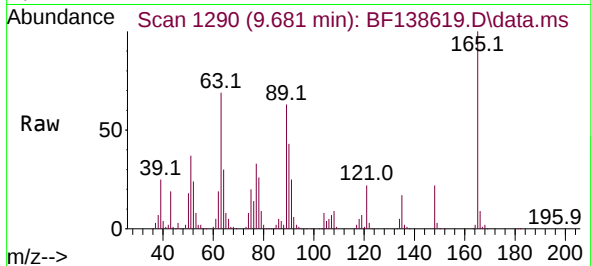
Tgt Ion:163 Resp: 643304
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 55.212 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

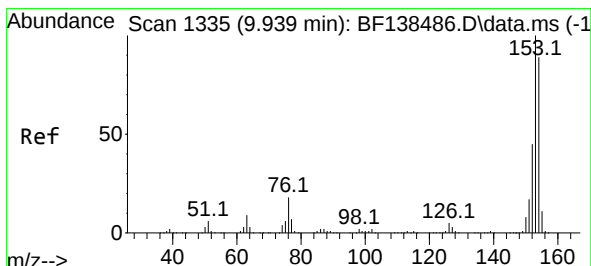
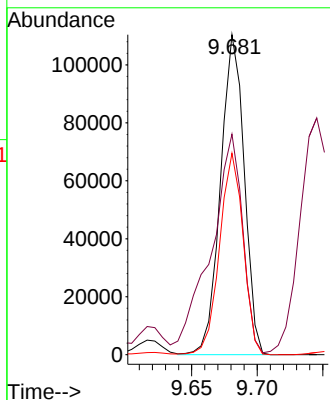
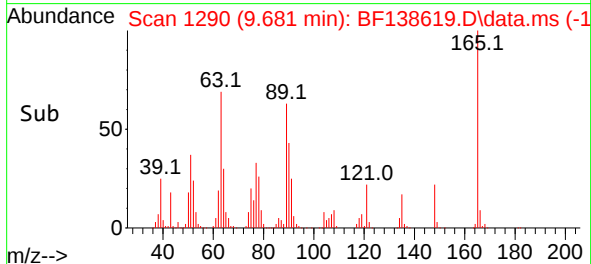
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:165 Resp: 138680
Ion Ratio Lower Upper
165 100
63 68.9 48.1 72.1
89 63.0 43.0 64.6

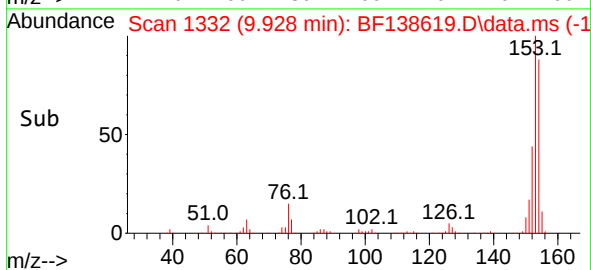
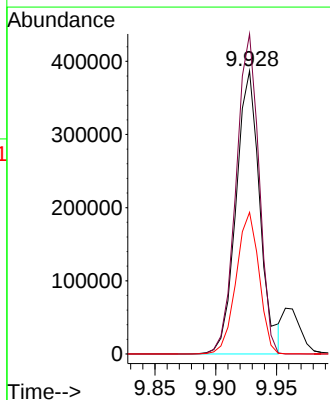
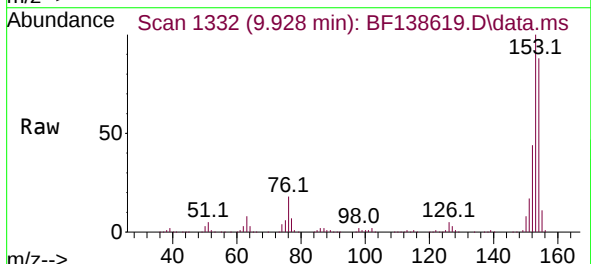
Manual Integrations
APPROVED

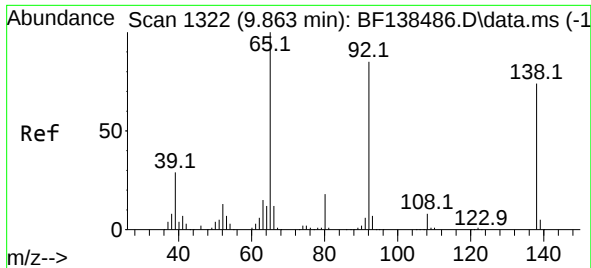
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#52
Acenaphthene
Concen: 57.732 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:154 Resp: 526285
Ion Ratio Lower Upper
154 100
153 113.1 90.4 135.6
152 50.0 41.1 61.7





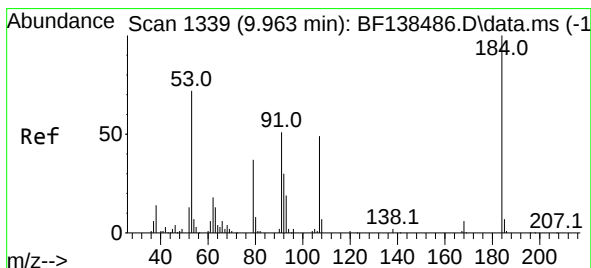
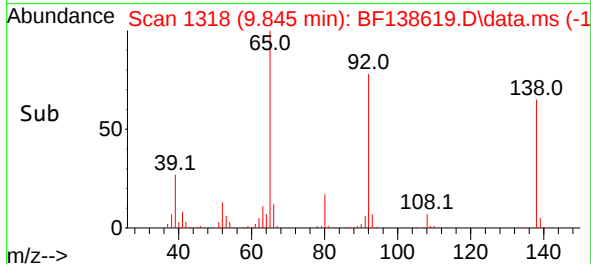
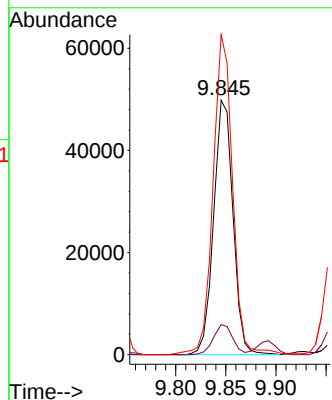
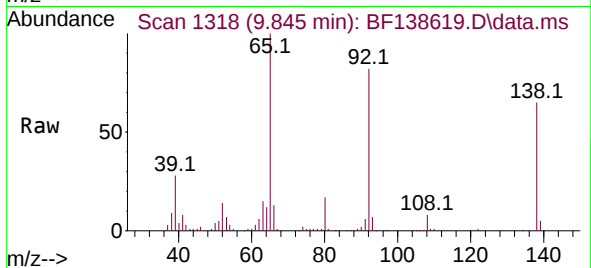
#53
3-Nitroaniline
Concen: 26.007 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:138 Resp: 66950
Ion Ratio Lower Upper
138 100
108 11.8 8.3 12.5
92 125.8 92.6 138.8

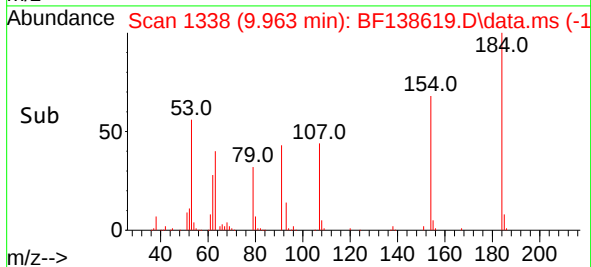
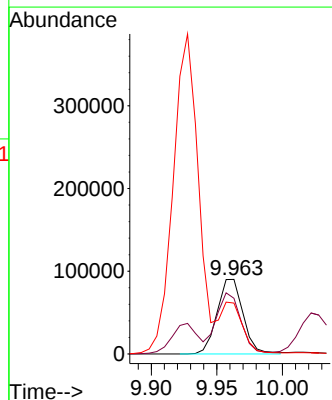
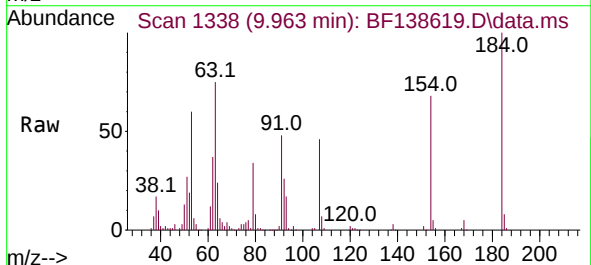
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#54
2,4-Dinitrophenol
Concen: 91.520 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

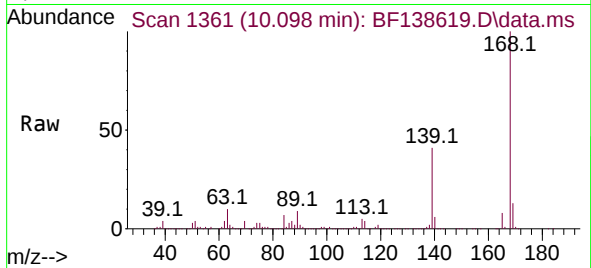
Tgt Ion:184 Resp: 124340
Ion Ratio Lower Upper
184 100
63 74.6 70.6 106.0
154 68.2 53.8 80.6





#55
Dibenzenofuran
Concen: 56.428 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

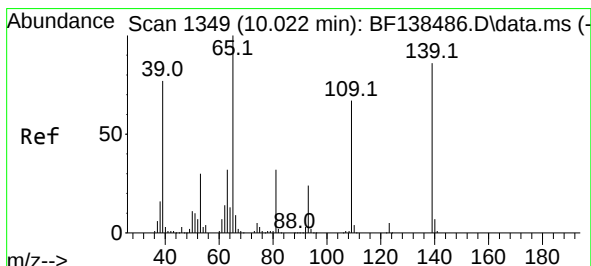
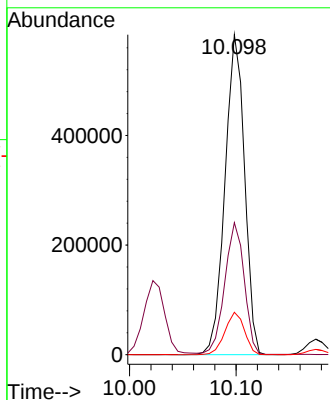
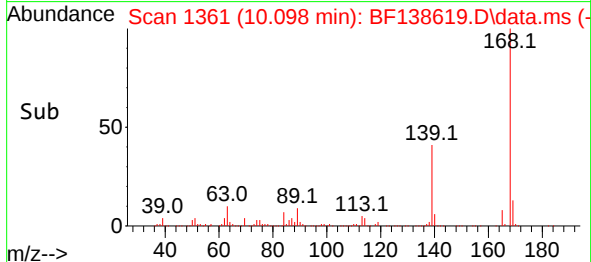
Instrument :
BNA_F
ClientSampleId :
285-290MS



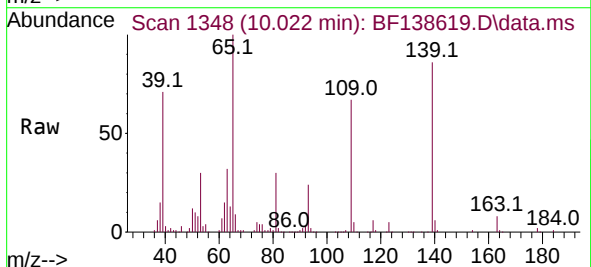
Tgt Ion:168 Resp: 746110
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 13.2 10.9 16.3

Manual Integrations
APPROVED

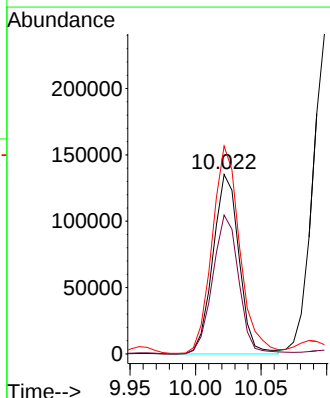
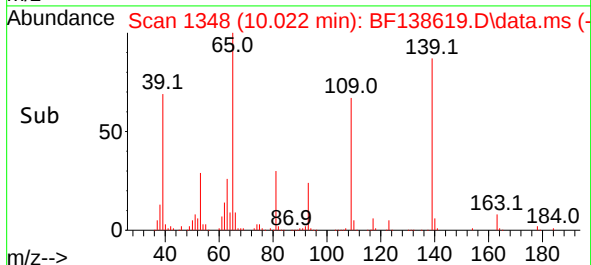
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

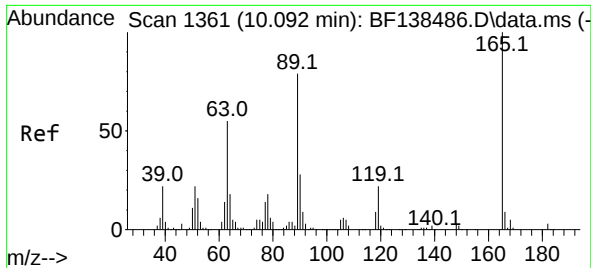


#56
4-Nitrophenol
Concen: 98.362 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:139 Resp: 186851
Ion Ratio Lower Upper
139 100
109 77.3 58.1 98.1
65 115.8 96.9 136.9





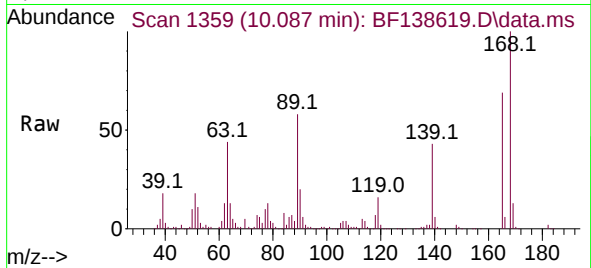
#57
2,4-Dinitrotoluene
Concen: 55.039 ng
RT: 10.087 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

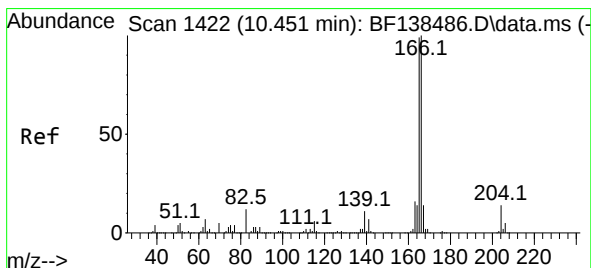
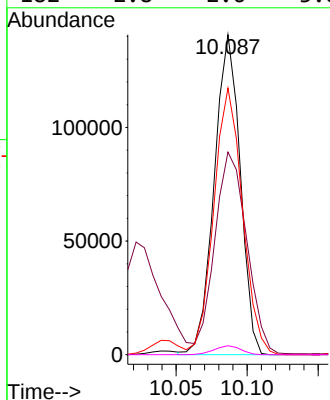
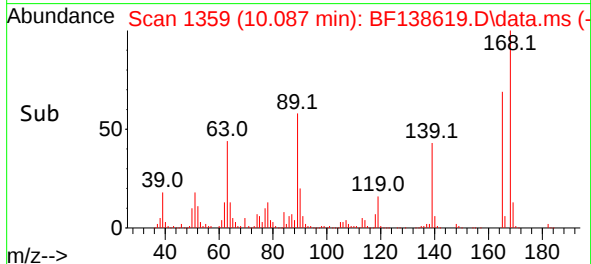


Tgt Ion:165 Resp: 178878
Ion Ratio Lower Upper
165 100
63 63.3 44.6 66.8
89 83.3 63.4 95.2
182 2.8 2.6 3.8

Manual Integrations

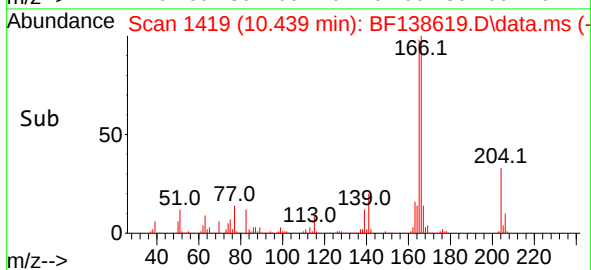
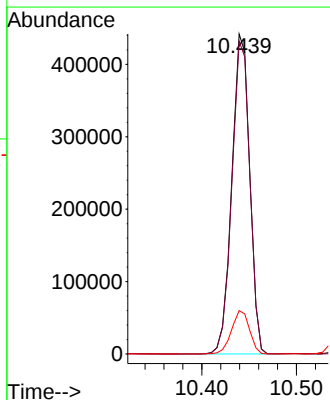
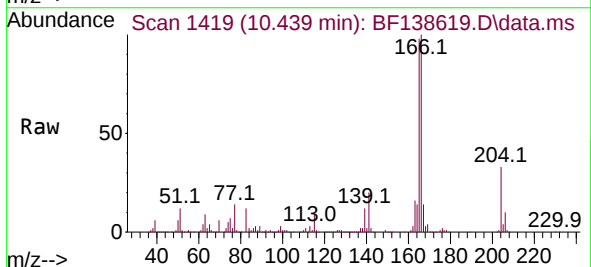
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#58
Fluorene
Concen: 55.115 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

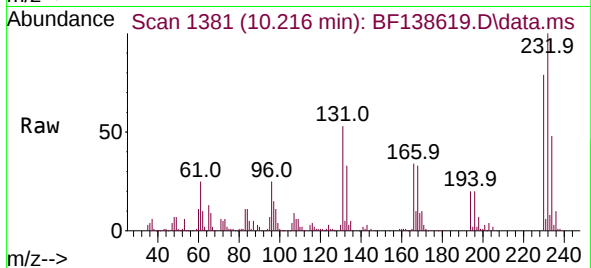
Tgt Ion:166 Resp: 576625
Ion Ratio Lower Upper
166 100
165 97.7 79.1 118.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.115 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

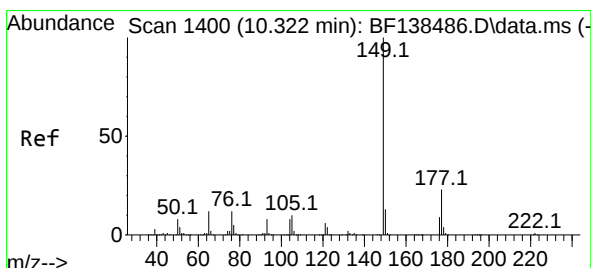
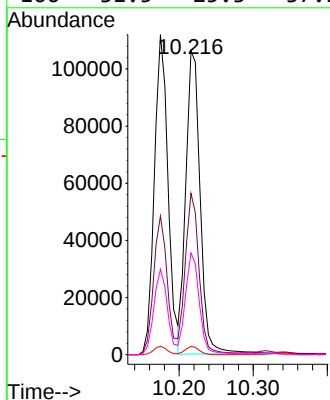
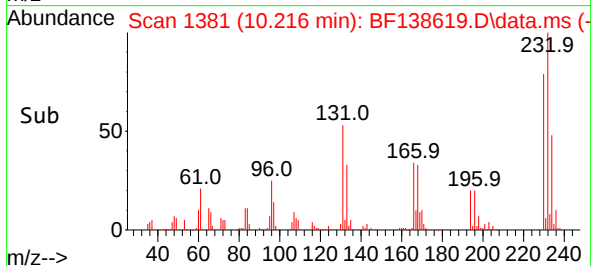
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:232 Resp: 143498
Ion Ratio Lower Upper
232 100
131 50.6 37.5 56.3
130 2.6 2.0 3.0
166 31.5 25.3 37.9

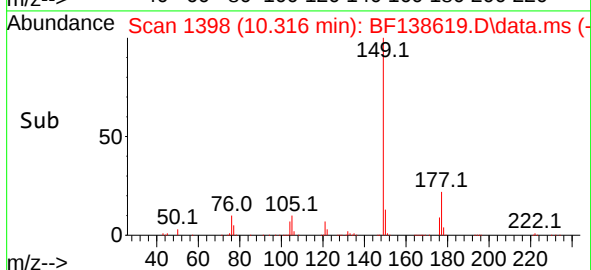
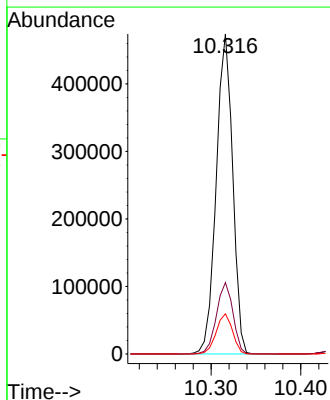
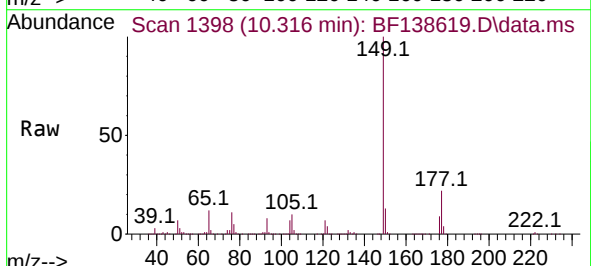
Manual Integrations
APPROVED

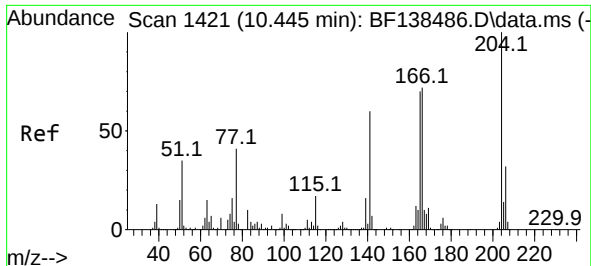
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#60
Diethylphthalate
Concen: 57.294 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

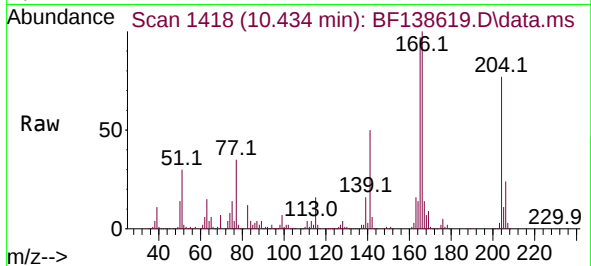
Tgt Ion:149 Resp: 602567
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 53.564 ng
RT: 10.434 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

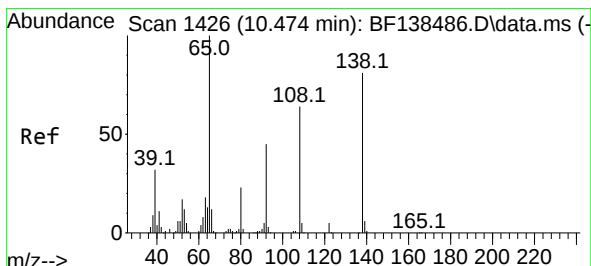
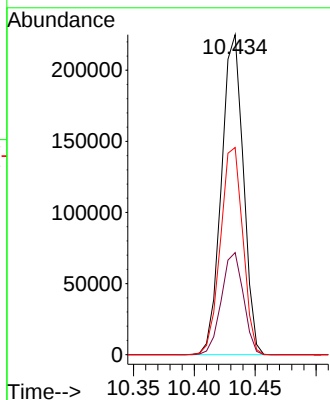
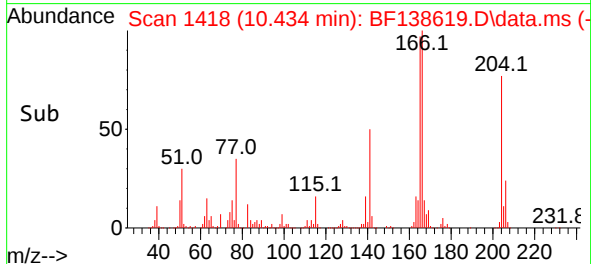
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:204 Resp: 281400
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 64.8 47.7 71.5

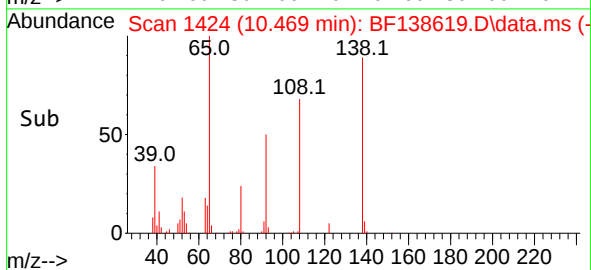
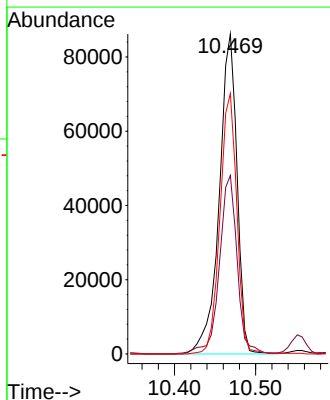
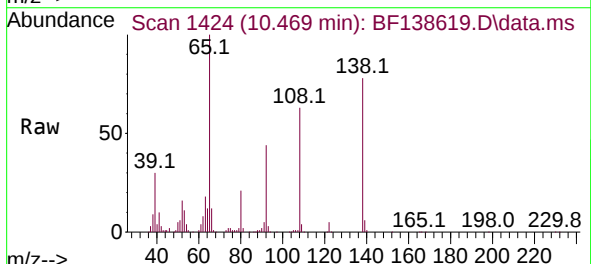
Manual Integrations
APPROVED

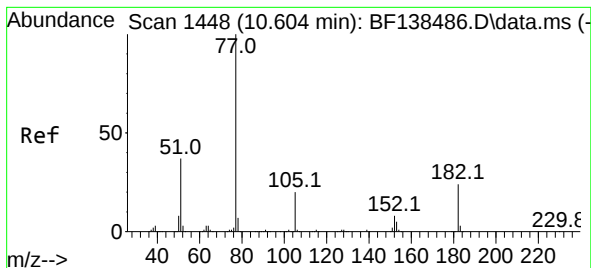
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#62
4-Nitroaniline
Concen: 50.993 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:138 Resp: 131554
Ion Ratio Lower Upper
138 100
92 55.8 35.8 75.8
108 81.4 59.8 99.8





#63

Azobenzene

Concen: 58.210 ng

RT: 10.592 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion: 77 Resp: 658204

Ion Ratio Lower Upper

77 100

182 23.2 3.8 43.8

105 19.8 0.0 39.8

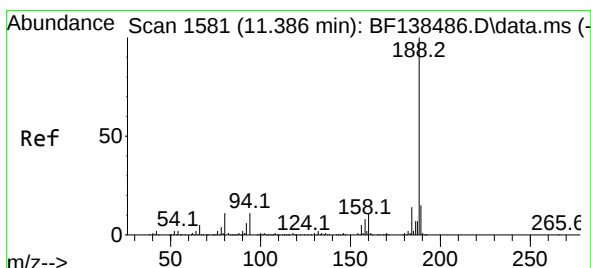
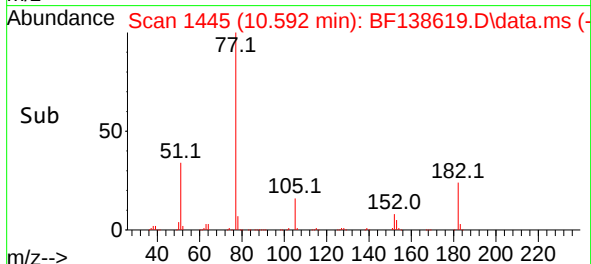
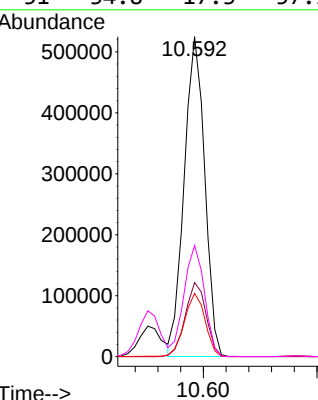
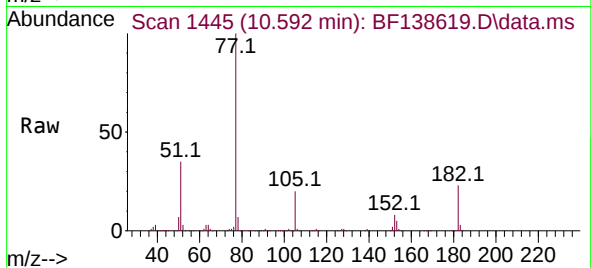
51 34.8 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

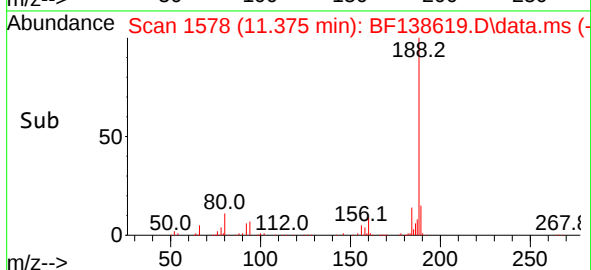
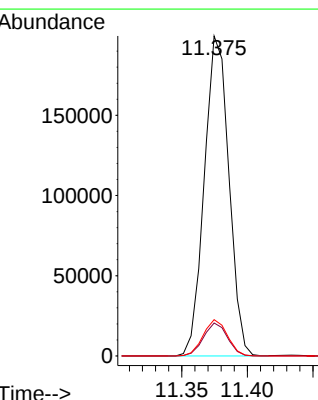
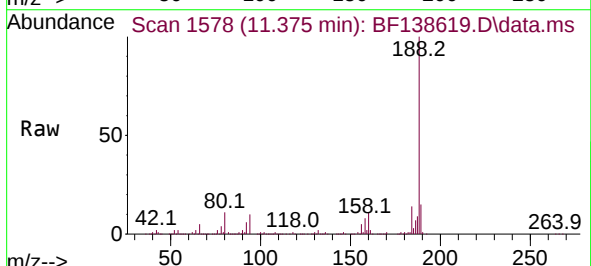
Tgt Ion:188 Resp: 259776

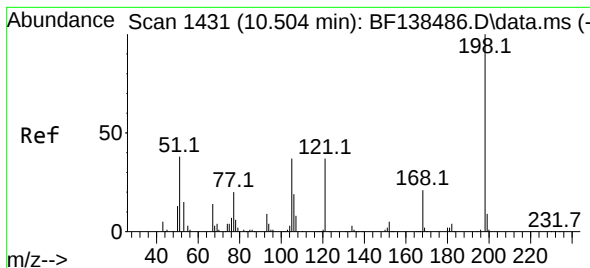
Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.3 9.0 13.4





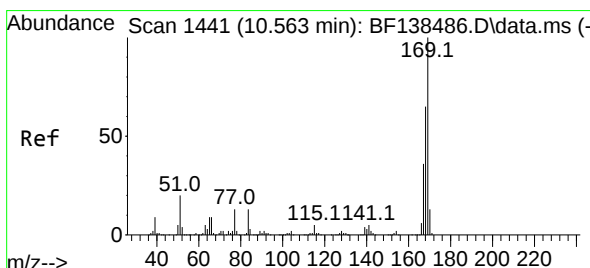
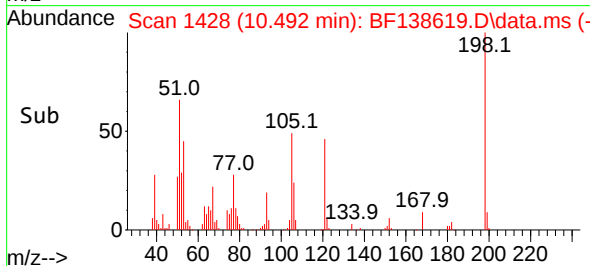
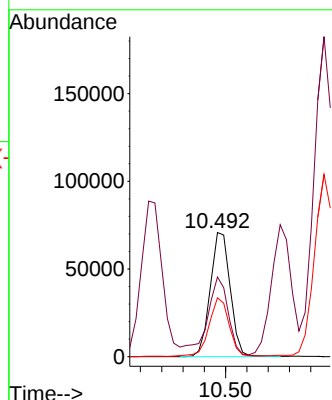
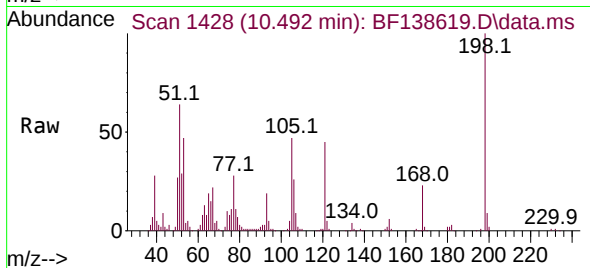
#65
4,6-Dinitro-2-methylphenol
Concen: 61.693 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:198 Resp: 92538
Ion Ratio Lower Upper
198 100
51 64.2 27.2 67.2
105 47.5 18.5 58.5

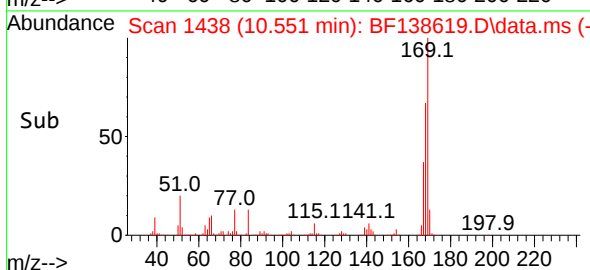
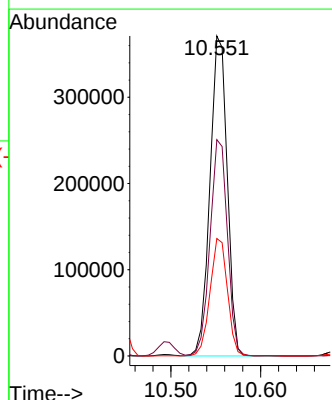
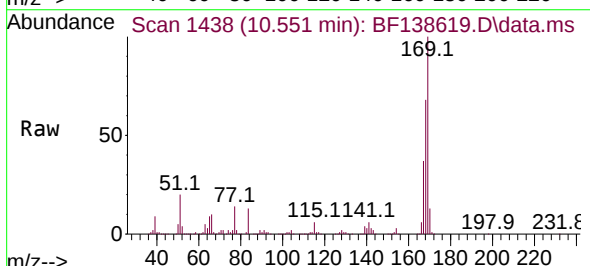
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 63.610 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

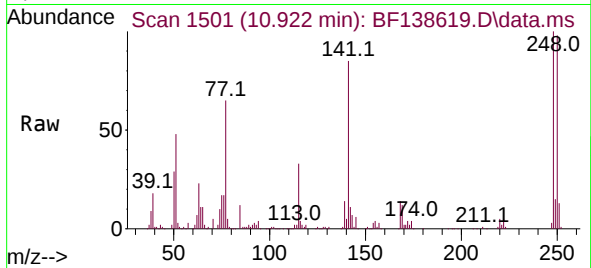
Tgt Ion:169 Resp: 495084
Ion Ratio Lower Upper
169 100
168 67.6 51.7 77.5
167 36.7 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 61.314 ng
RT: 10.922 min Scan# 1510
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

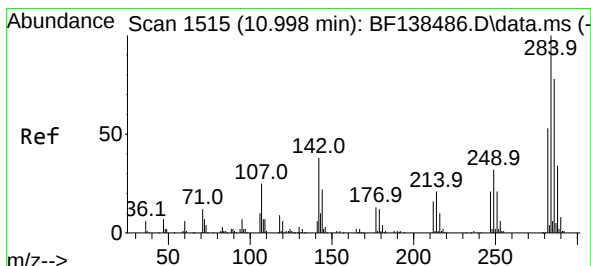
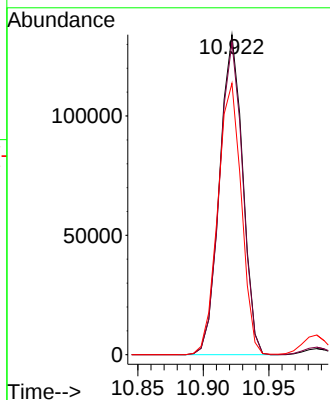
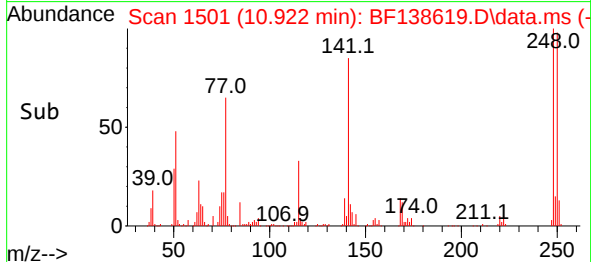
Instrument :
BNA_F
ClientSampleId :
285-290MS



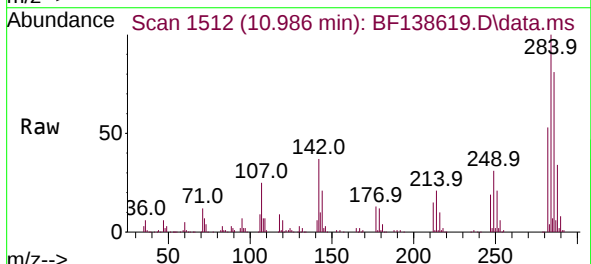
Tgt Ion:248 Resp: 163709
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 84.8 67.7 101.5

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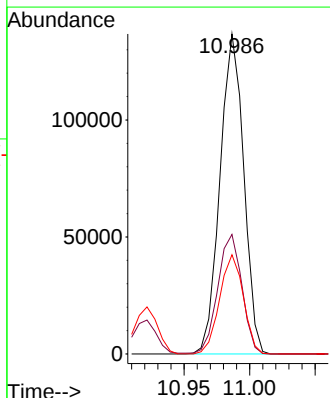
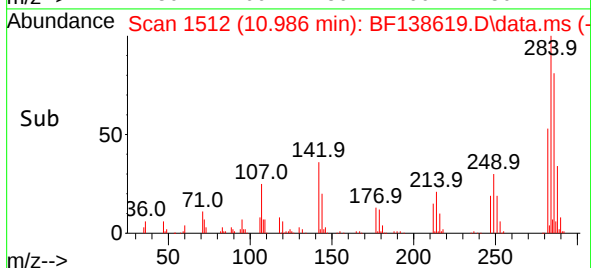
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#68
Hexachlorobenzene
Concen: 58.004 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:284 Resp: 172049
Ion Ratio Lower Upper
284 100
142 37.4 30.5 45.7
249 31.0 25.9 38.9





#69

Atrazine

Concen: 57.312 ng

RT: 11.081 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:200 Resp: 147890

Ion Ratio Lower Upper

200 100

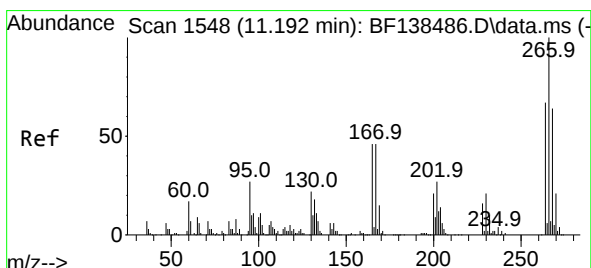
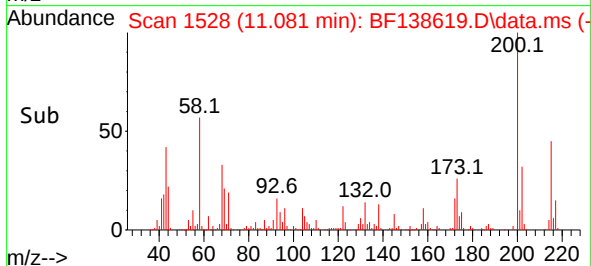
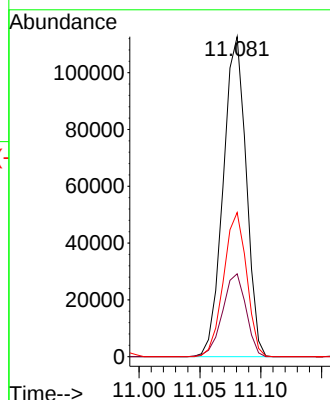
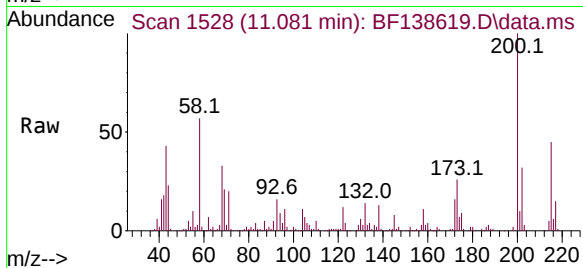
173 25.9 4.1 44.1

215 45.1 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#70

Pentachlorophenol

Concen: 99.918 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

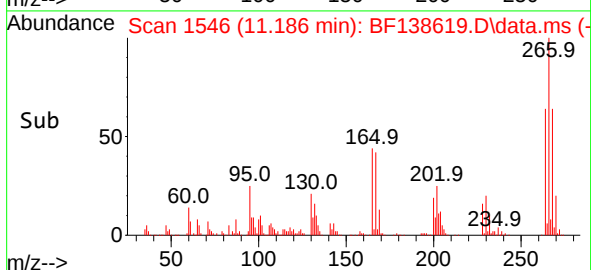
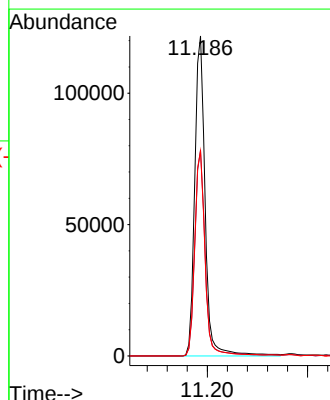
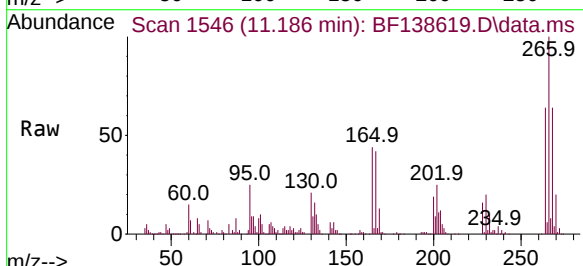
Tgt Ion:266 Resp: 175374

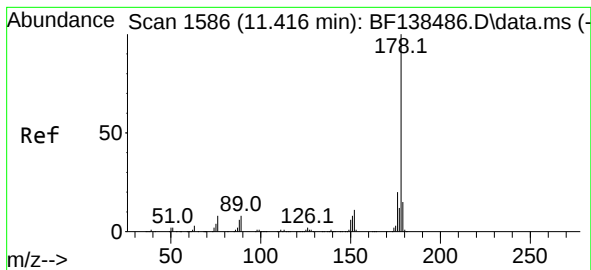
Ion Ratio Lower Upper

266 100

268 64.4 50.9 76.3

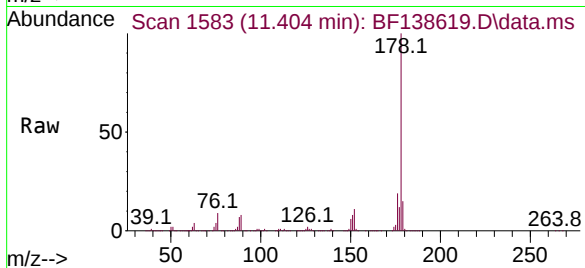
264 64.1 53.5 80.3





#71
Phenanthrene
Concen: 59.331 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

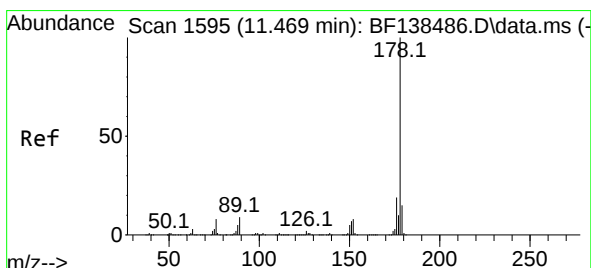
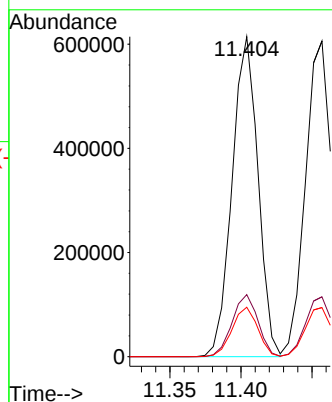
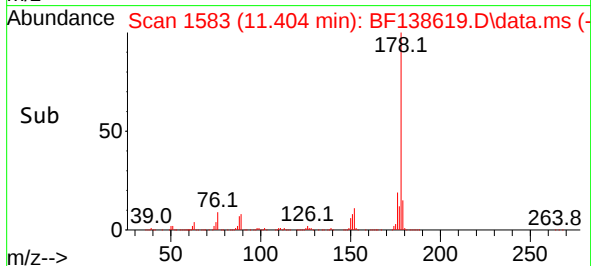
Instrument :
BNA_F
ClientSampleId :
285-290MS



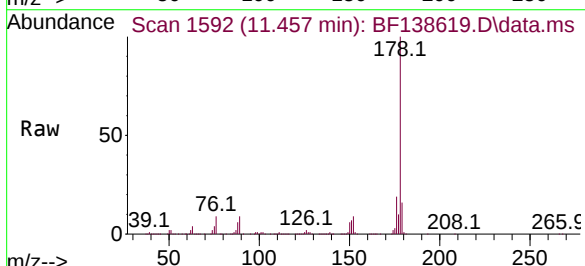
Tgt Ion:178 Resp: 77867
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.2 18.2

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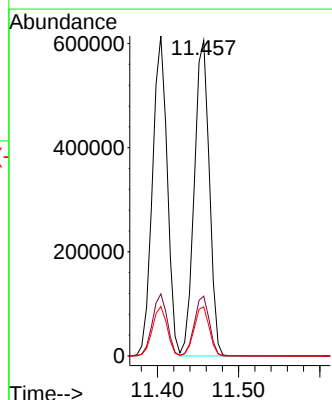
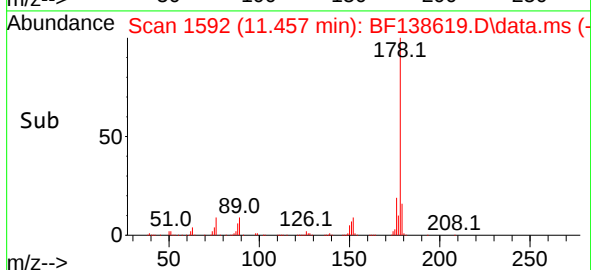
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

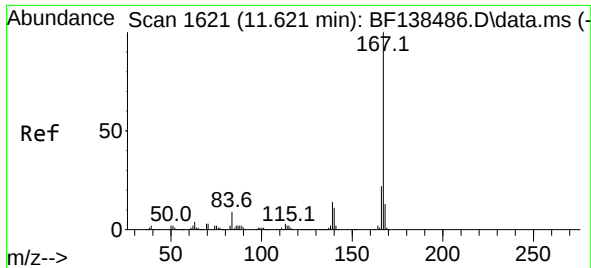


#72
Anthracene
Concen: 59.890 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



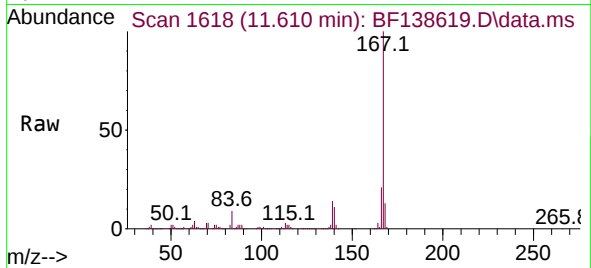
Tgt Ion:178 Resp: 780235
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 54.455 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

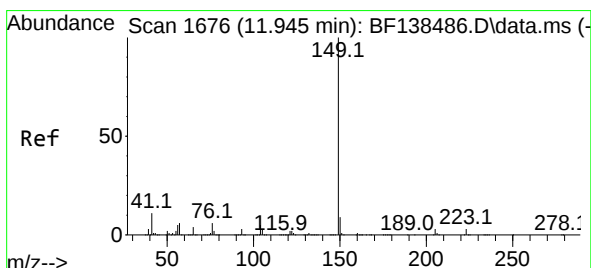
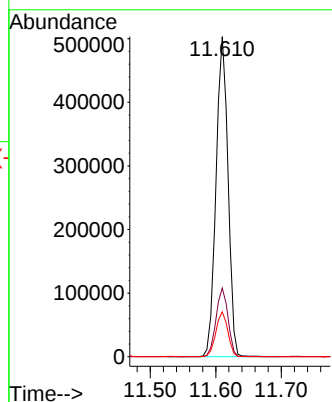
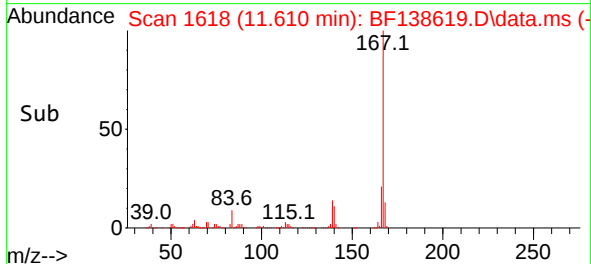
Instrument :
BNA_F
ClientSampleId :
285-290MS



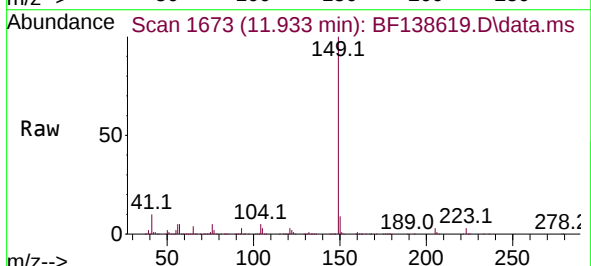
Tgt Ion:167 Resp: 63754
Ion Ratio Lower Upper
167 100
166 21.4 17.8 26.6
139 14.0 11.0 16.4

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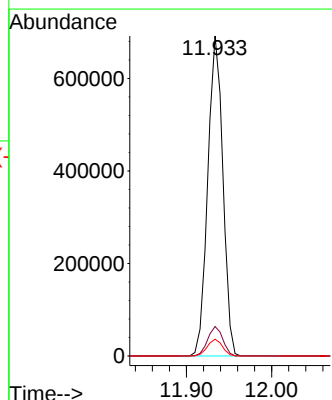
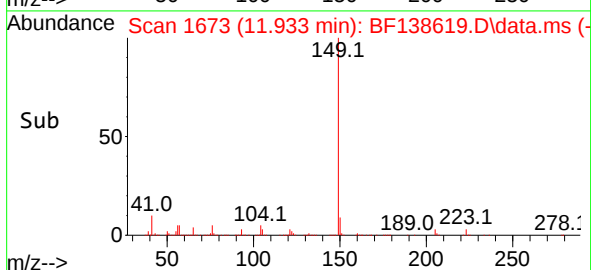
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

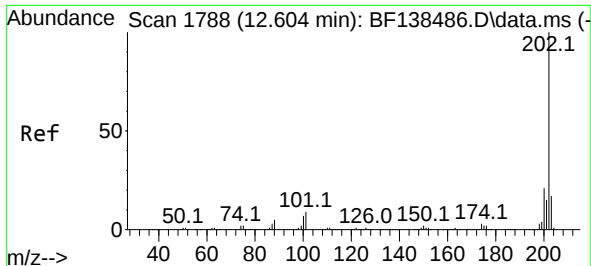


#74
Di-n-butylphthalate
Concen: 63.007 ng
RT: 11.933 min Scan# 1673
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



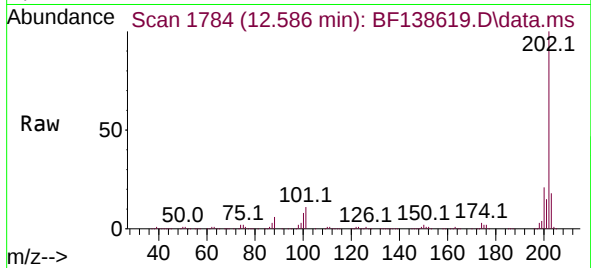
Tgt Ion:149 Resp: 850288
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 44.503 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

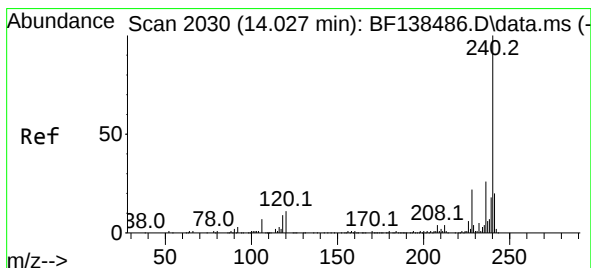
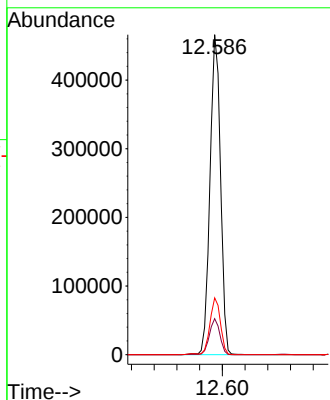
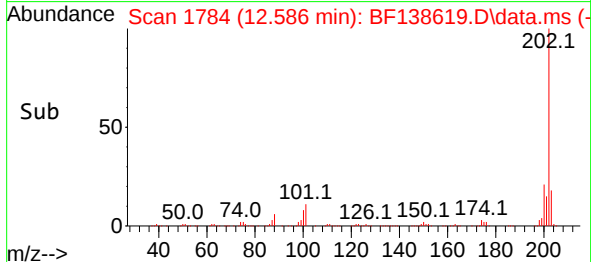
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:202 Resp: 59597
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.2
203 17.8 0.0 37.3

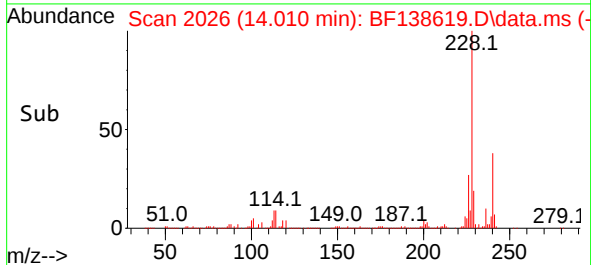
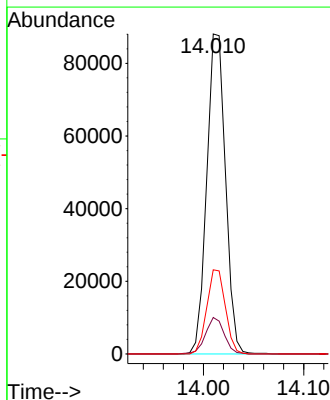
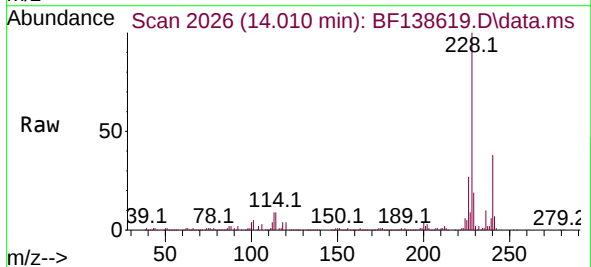
Manual Integrations
APPROVED

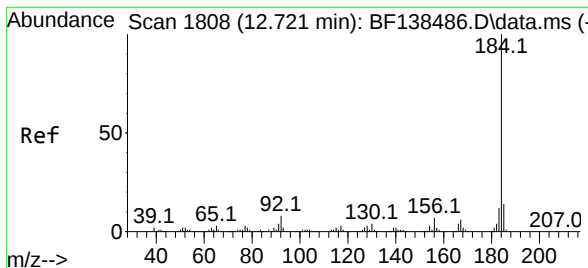
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

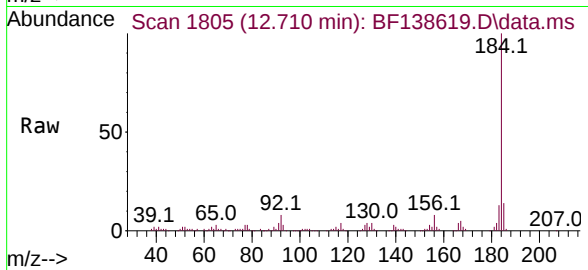
Tgt Ion:240 Resp: 114661
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.3 21.0 31.6





#77
Benzidine
Concen: 39.778 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

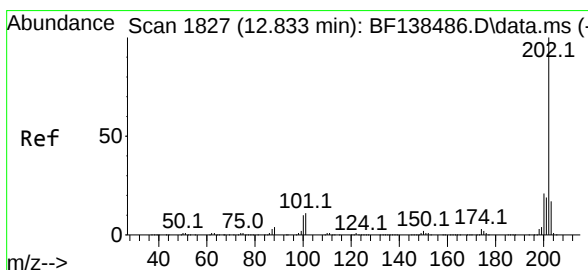
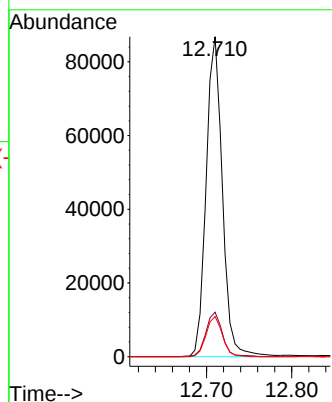
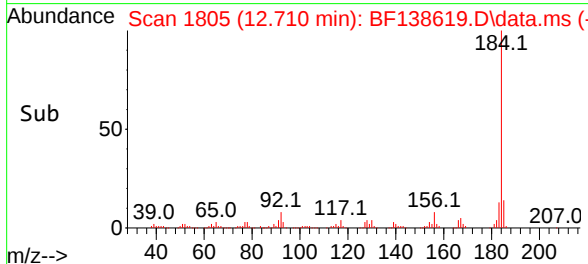
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:184 Resp: 11507
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.5 9.5 14.3

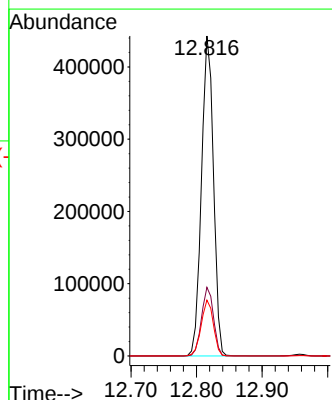
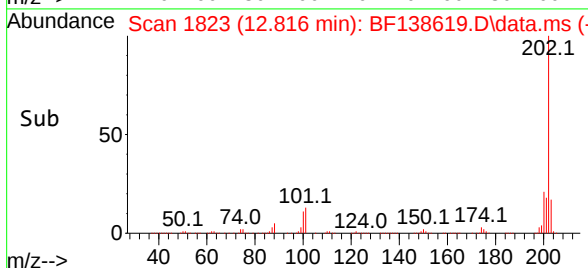
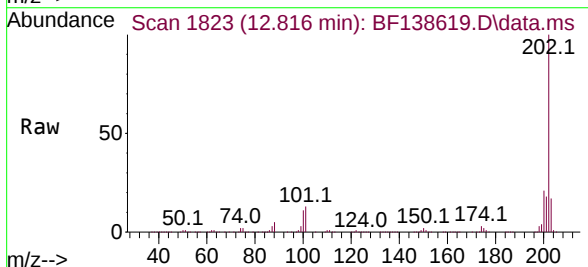
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#78
Pyrene
Concen: 48.595 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

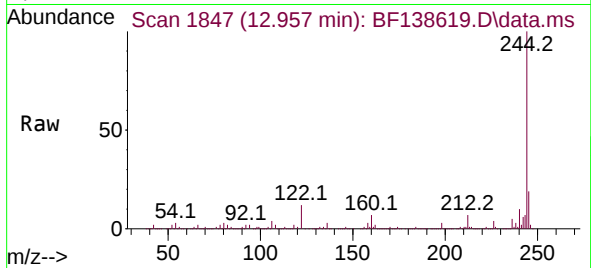
Tgt Ion:202 Resp: 565632
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.5 13.7 20.5





#79
Terphenyl-d14
Concen: 110.723 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

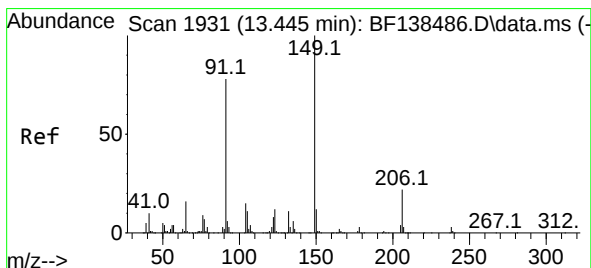
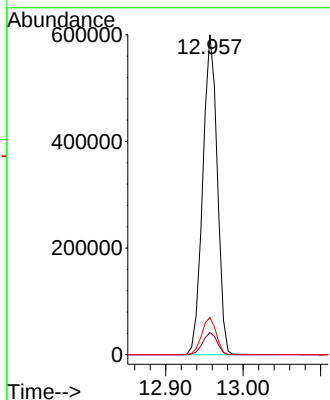
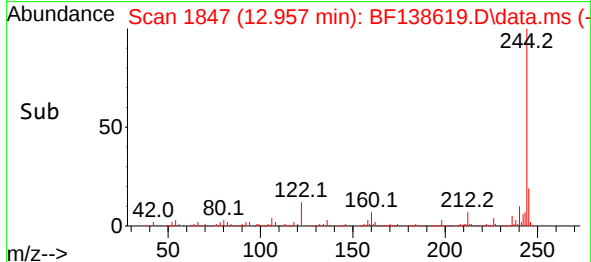
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:244 Resp: 77929
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.7 7.8 11.8

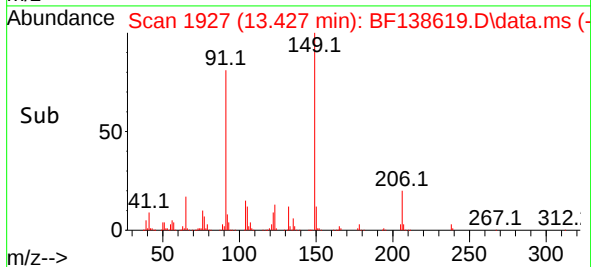
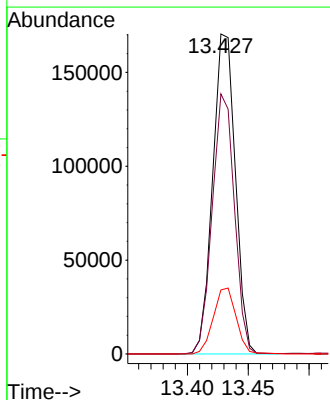
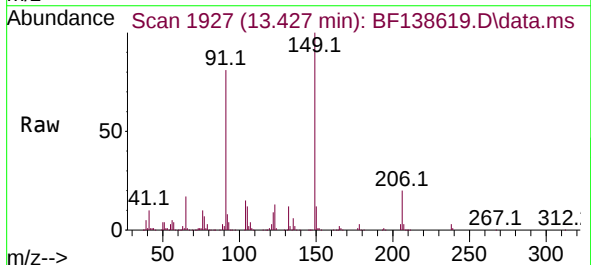
Manual Integrations
APPROVED

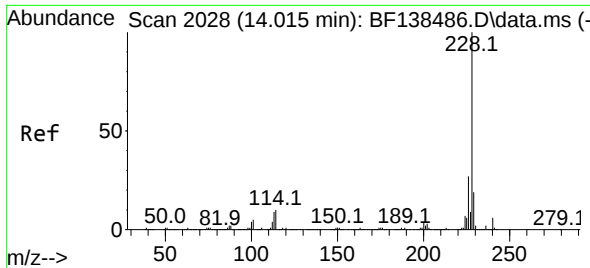
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#80
Butylbenzylphthalate
Concen: 63.115 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

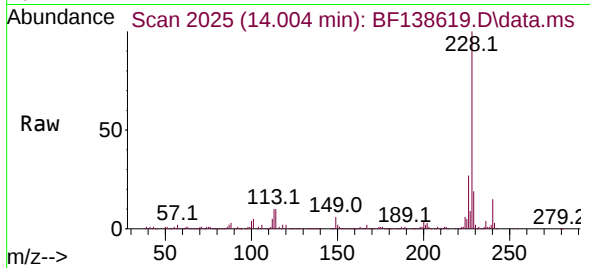
Tgt Ion:149 Resp: 220994
Ion Ratio Lower Upper
149 100
91 81.2 62.1 93.1
206 20.0 18.0 27.0





#81
Benzo(a)anthracene
Concen: 60.924 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

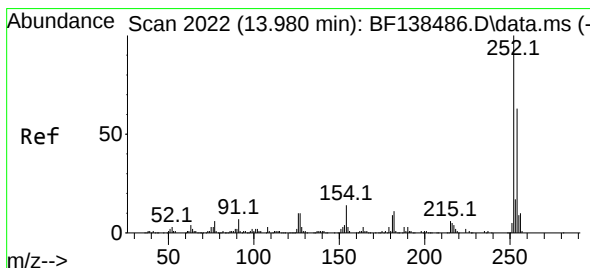
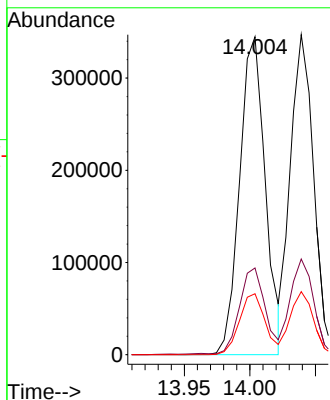
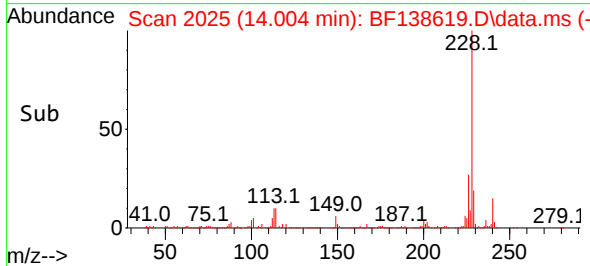
Instrument :
BNA_F
ClientSampleId :
285-290MS



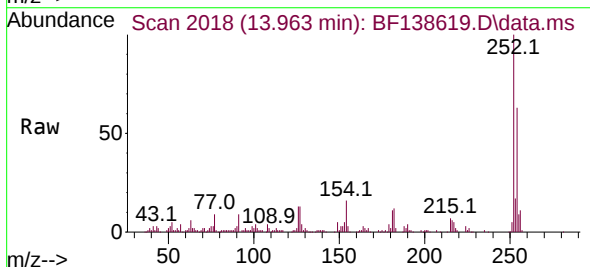
Tgt Ion:228 Resp: 46873
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.2 15.5 23.3

Manual Integrations
APPROVED

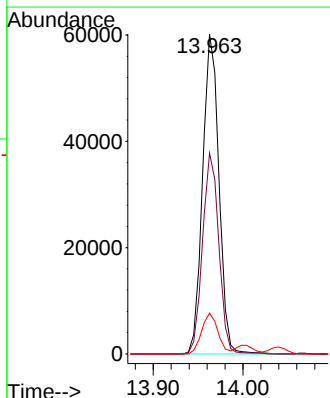
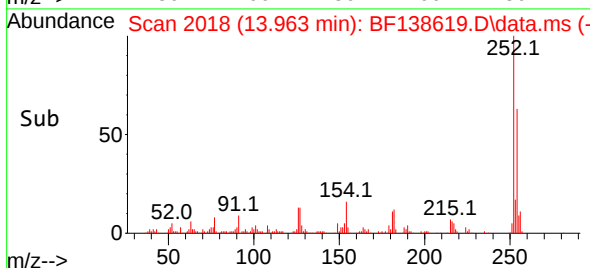
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

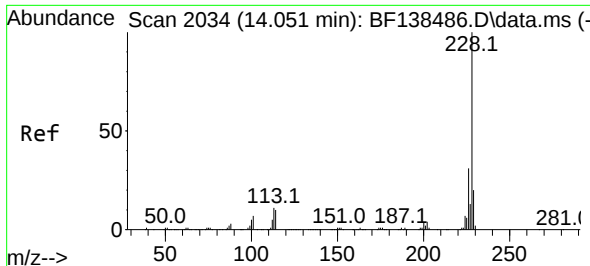


#82
3,3'-Dichlorobenzidine
Concen: 38.286 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



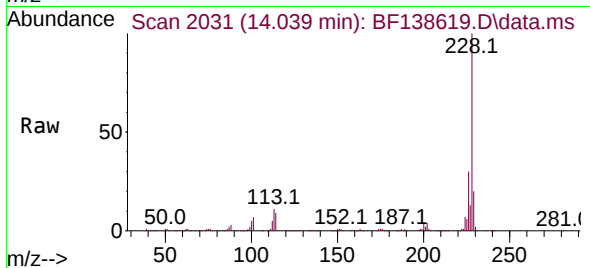
Tgt Ion:252 Resp: 75901
Ion Ratio Lower Upper
252 100
254 62.8 50.3 75.5
126 12.8 8.1 12.1#





#83
Chrysene
Concen: 58.720 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

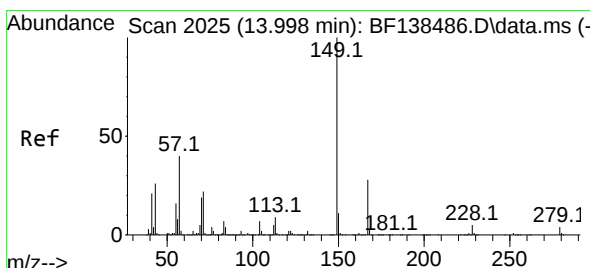
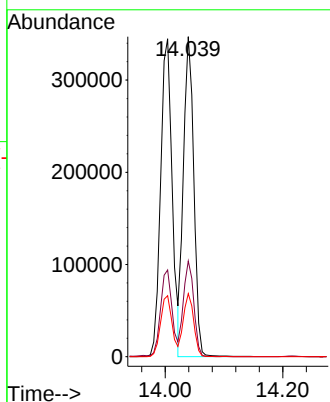
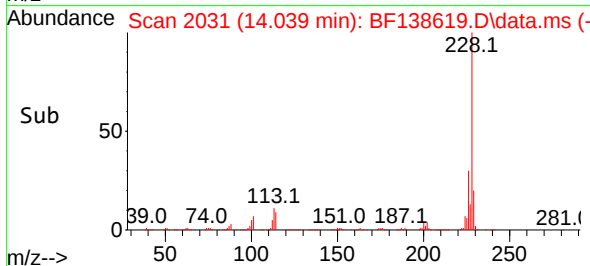
Instrument :
BNA_F
ClientSampleId :
285-290MS



Tgt Ion:228 Resp: 42738
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.7 16.0 24.0

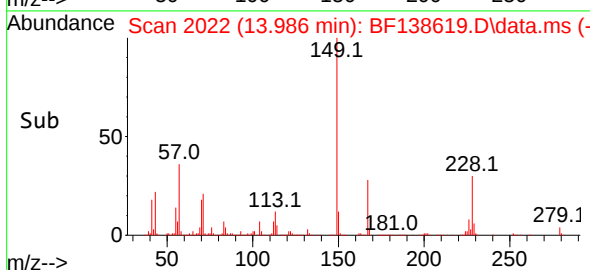
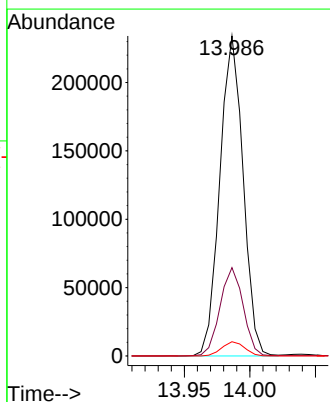
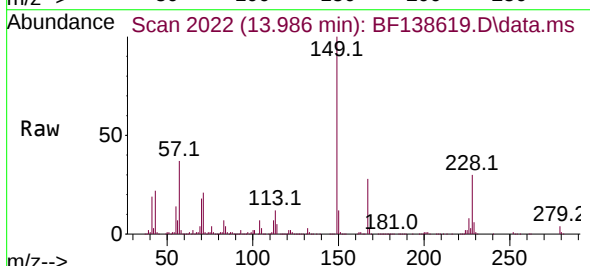
Manual Integrations
APPROVED

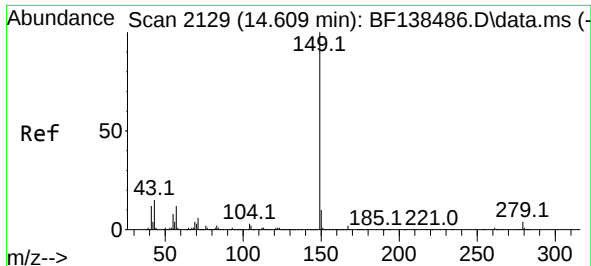
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 77.172 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

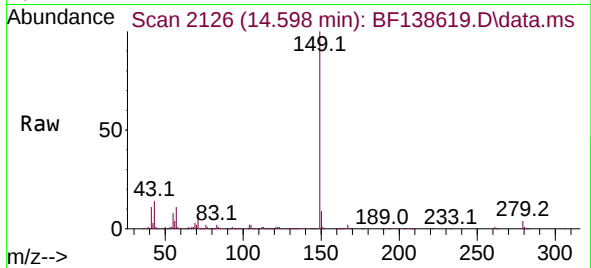
Tgt Ion:149 Resp: 288185
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 90.375 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

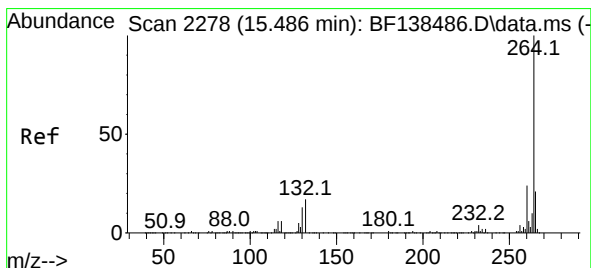
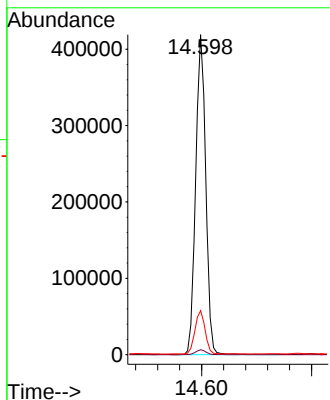
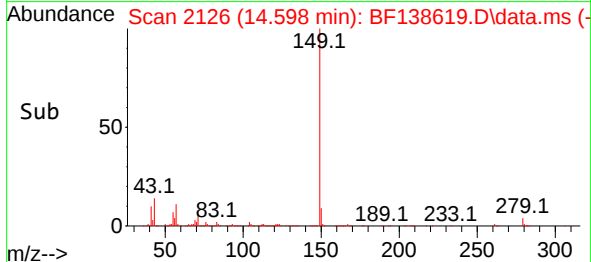
Instrument :
BNA_F
ClientSampleId :
285-290MS



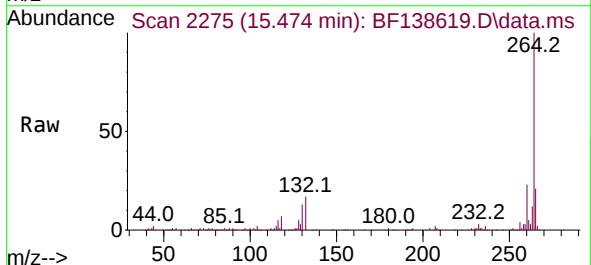
Tgt Ion:149 Resp: 53314
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.6 10.7 16.1

Manual Integrations
APPROVED

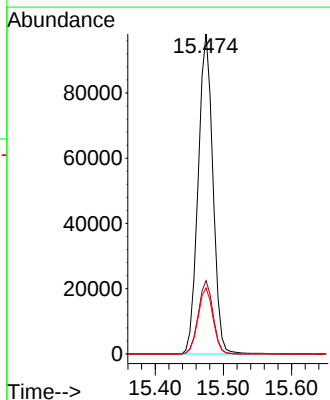
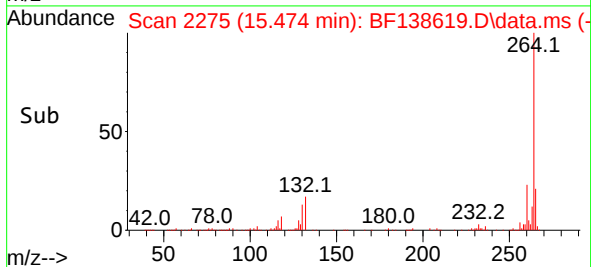
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

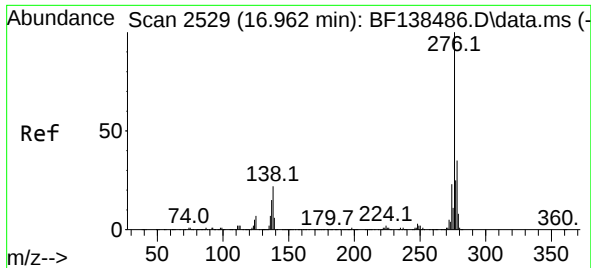


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



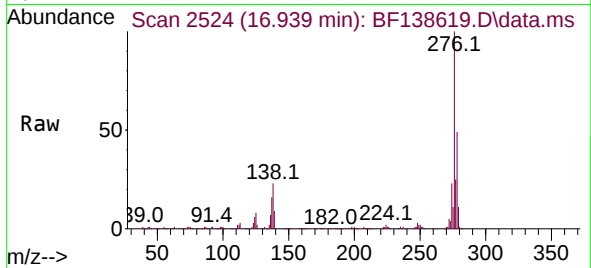
Tgt Ion:264 Resp: 147152
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 20.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.226 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

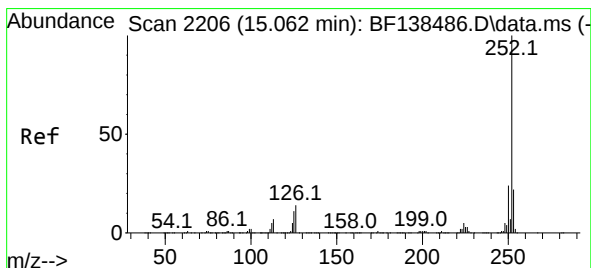
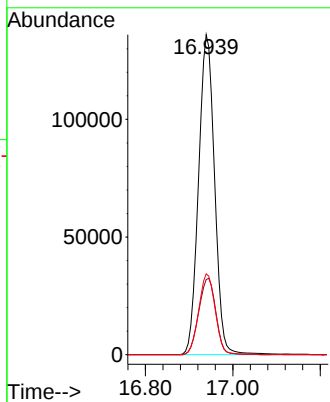
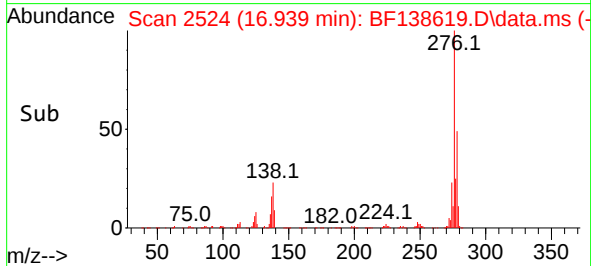
Instrument :
BNA_F
ClientSampleId :
285-290MS



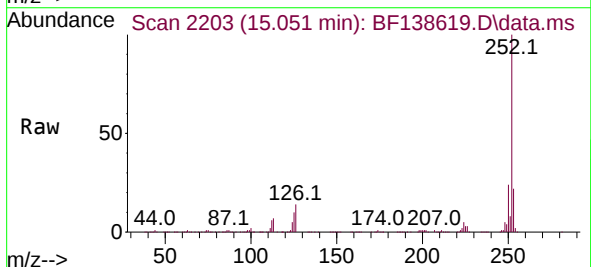
Tgt Ion:276 Resp: 348180
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.9 20.5 30.7

Manual Integrations
APPROVED

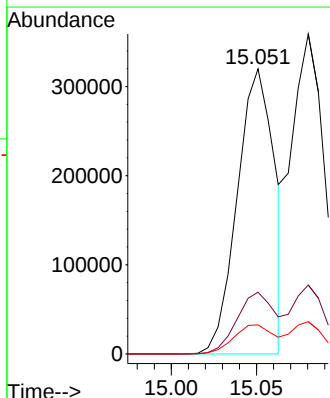
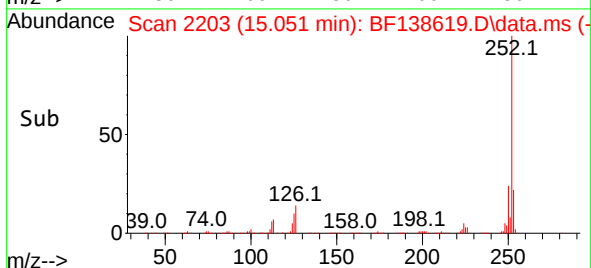
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

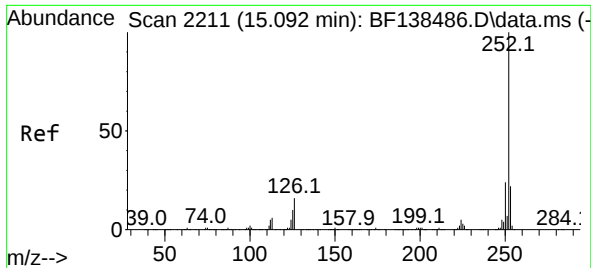


#88
Benzo(b)fluoranthene
Concen: 58.416 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31



Tgt Ion:252 Resp: 484101
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.2 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 60.079 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

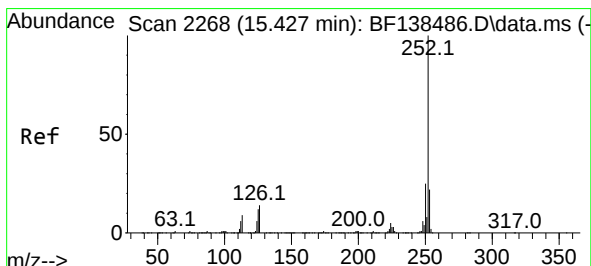
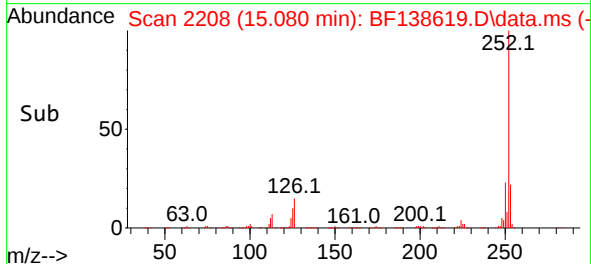
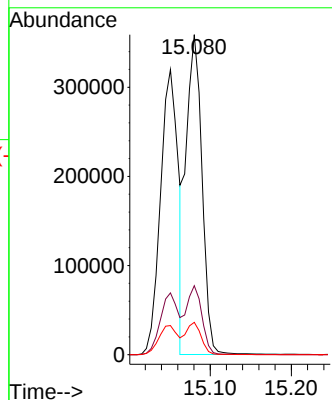
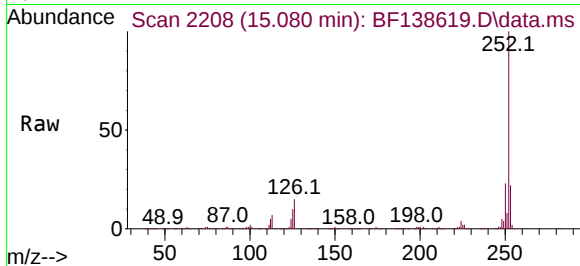
285-290MS

Tgt Ion:252 Resp: 485579
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.1 8.1 12.1

Manual Integrations

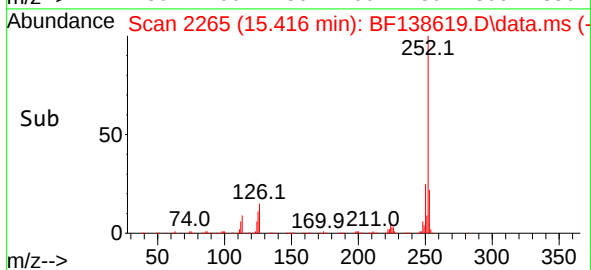
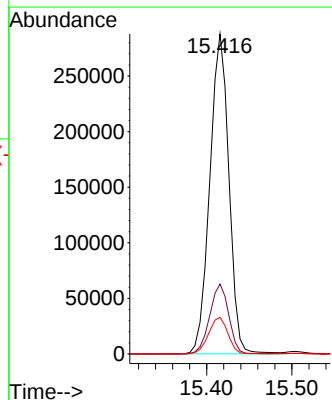
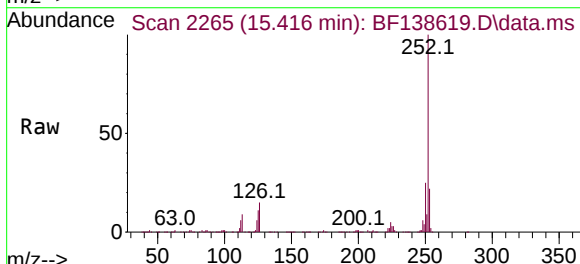
APPROVED

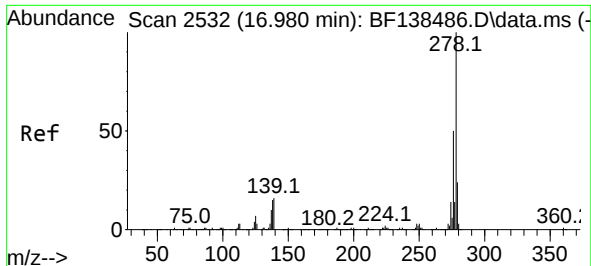
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#90
Benzo(a)pyrene
Concen: 61.365 ng
RT: 15.416 min Scan# 2265
Delta R.T. -0.011 min
Lab File: BF138619.D
Acq: 23 Jul 2024 15:31

Tgt Ion:252 Resp: 446735
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 35.817 ng

RT: 16.957 min Scan# 2527

Delta R.T. -0.023 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Instrument :

BNA_F

ClientSampleId :

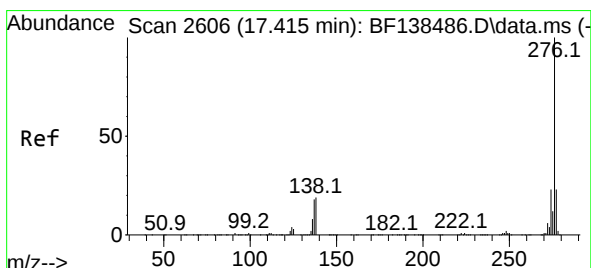
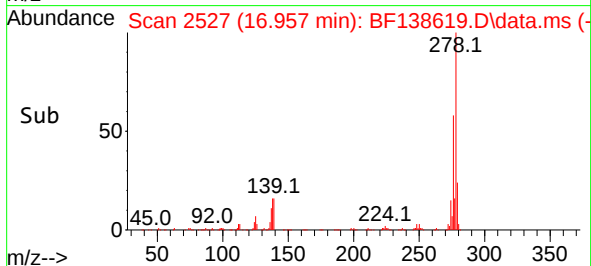
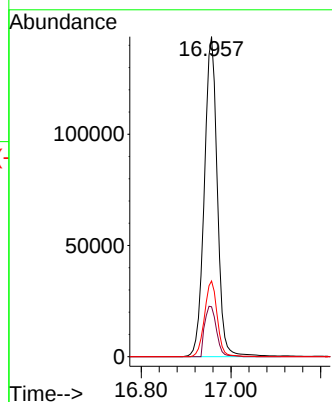
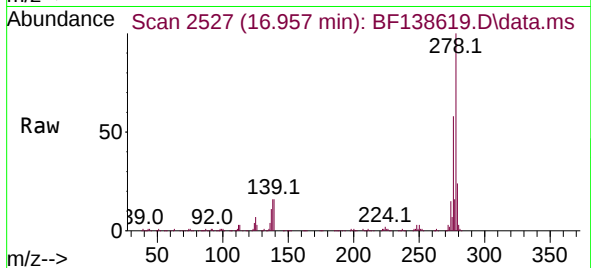
285-290MS

Tgt Ion:	278	Resp:	28959
Ion Ratio	Lower	Upper	
278	100		
139	15.6	12.8	19.2
279	23.7	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#92

Benzo(g,h,i)perylene

Concen: 28.650 ng

RT: 17.380 min Scan# 2599

Delta R.T. -0.035 min

Lab File: BF138619.D

Acq: 23 Jul 2024 15:31

Tgt Ion:	276	Resp:	245637
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.0	27.0
138	21.5	15.5	23.3

