

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138676.D
 Acq On : 29 Jul 2024 18:45
 Operator : RC/JU
 Sample : P3362-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 01:00:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	100544	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	393088	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	179547	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	247357	20.000	ng	0.00
76) Chrysene-d12	14.021	240	167702	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	108927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	694990	109.474	ng	0.00
7) Phenol-d6	6.492	99	921185	109.076	ng	-0.01
23) Nitrobenzene-d5	7.416	82	598444	74.747	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	156718	93.393	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	964159	83.927	ng	-0.02
79) Terphenyl-d14	12.963	244	742413	72.121	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	111925	39.807	ng	98
3) Pyridine	3.452	79	290761	41.934	ng	95
4) n-Nitrosodimethylamine	3.410	42	198862	44.057	ng	88
6) Aniline	6.516	93	144414	18.257	ng	# 1
8) 2-Chlorophenol	6.640	128	318089	47.385	ng	99
9) Benzaldehyde	6.398	77	21900	4.845	ng	96
10) Phenol	6.510	94	404242	45.095	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	321139	47.582	ng	98
12) 1,3-Dichlorobenzene	6.792	146	329721	43.697	ng	98
13) 1,4-Dichlorobenzene	6.869	146	336037	43.856	ng	99
14) 1,2-Dichlorobenzene	7.016	146	314479	44.066	ng	97
15) Benzyl Alcohol	6.998	79	294902	46.529	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	569884	42.937	ng	71
17) 2-Methylphenol	7.110	107	253217	46.026	ng	# 94
18) Hexachloroethane	7.357	117	114075	40.497	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	241953	46.366	ng	93
20) 3+4-Methylphenols	7.263	107	320124	46.208	ng	94
22) Acetophenone	7.263	105	406959	42.627	ng	97
24) Nitrobenzene	7.434	77	358671	44.084	ng	98
25) Isophorone	7.675	82	644125	46.848	ng	99
26) 2-Nitrophenol	7.751	139	157988	45.306	ng	99
27) 2,4-Dimethylphenol	7.792	122	214970	50.158	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	393511	47.890	ng	99
29) 2,4-Dichlorophenol	7.998	162	240700	43.248	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	267983	41.332	ng	99
31) Naphthalene	8.157	128	897144	43.884	ng	100
32) Benzoic acid	7.922	122	119555m	29.247	ng	
33) 4-Chloroaniline	8.210	127	79251	11.048	ng	98
34) Hexachlorobutadiene	8.263	225	159389	39.922	ng	99
35) Caprolactam	8.586	113	68612m	38.204	ng	
36) 4-Chloro-3-methylphenol	8.698	107	264248	42.410	ng	98
37) 2-Methylnaphthalene	8.845	142	559129	42.500	ng	99
38) 1-Methylnaphthalene	8.945	142	507413	39.519	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	228761	45.715	ng	100
41) Hexachlorocyclopentadiene	8.998	237	47966	29.531	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	147889	46.331	ng	99

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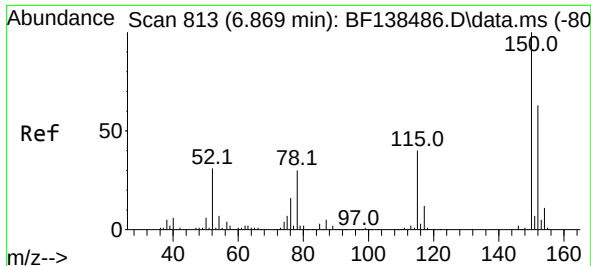
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	147031	41.879	ng	94
46) 1,1'-Biphenyl	9.316	154	646613	47.521	ng	99
47) 2-Chloronaphthalene	9.339	162	484939	47.176	ng	100
48) 2-Nitroaniline	9.439	65	176905	49.663	ng	98
49) Acenaphthylene	9.757	152	743977	50.977	ng	100
50) Dimethylphthalate	9.616	163	596136	51.347	ng	100
51) 2,6-Dinitrotoluene	9.681	165	117828	44.079	ng	93
52) Acenaphthene	9.928	154	441480m	45.508	ng	
53) 3-Nitroaniline	9.851	138	79188	28.903	ng	95
54) 2,4-Dinitrophenol	9.963	184	32195	25.800	ng	93
55) Dibenzofuran	10.098	168	603022	42.855	ng	99
56) 4-Nitrophenol	10.022	139	135566	67.060	ng	94
57) 2,4-Dinitrotoluene	10.086	165	133384	38.565	ng	95
58) Fluorene	10.439	166	463631	41.641	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	102845	37.118	ng	97
60) Diethylphthalate	10.316	149	501829	44.837	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	226248	40.468	ng	96
62) 4-Nitroaniline	10.463	138	94716	34.499	ng	95
63) Azobenzene	10.592	77	519672	43.186	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	30994	21.701	ng	81
66) n-Nitrosodiphenylamine	10.551	169	392442	52.954	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	127658	50.212	ng	97
68) Hexachlorobenzene	10.986	284	130645	46.256	ng	95
69) Atrazine	11.080	200	105204	42.817	ng	97
70) Pentachlorophenol	11.186	266	134354	80.391	ng	97
71) Phenanthrene	11.404	178	744429	59.570	ng	100
72) Anthracene	11.457	178	636699	51.326	ng	99
73) Carbazole	11.616	167	531135	47.644	ng	100
74) Di-n-butylphthalate	11.939	149	645044	50.198	ng	99
75) Fluoranthene	12.598	202	1154193	90.514	ng	96
77) Benzidine	12.716	184	89702	21.201	ng	98
78) Pyrene	12.827	202	1067749	62.720	ng	99
80) Butylbenzylphthalate	13.439	149	278166	54.317	ng	99
81) Benzo(a)anthracene	14.016	228	777953	69.134	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	102269	35.270	ng	# 97
83) Chrysene	14.051	228	590461	55.467	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	413224	75.657	ng	99
85) Di-n-octyl phthalate	14.610	149	560581m	64.970	ng	
87) Indeno(1,2,3-cd)pyrene	16.968	276	349751	47.802	ng	99
88) Benzo(b)fluoranthene	15.063	252	492347	80.259	ng	100
89) Benzo(k)fluoranthene	15.092	252	301993	50.476	ng	99
90) Benzo(a)pyrene	15.427	252	331002	61.423	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	263581	44.040	ng	99
92) Benzo(g,h,i)perylene	17.415	276	276782	43.612	ng	96

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



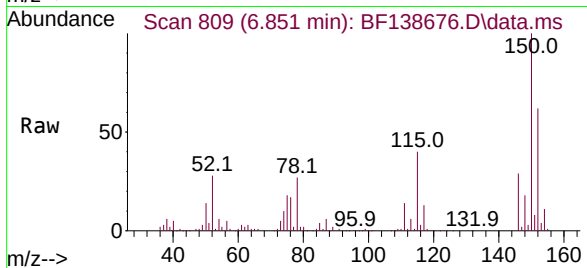
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

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72-11978MS

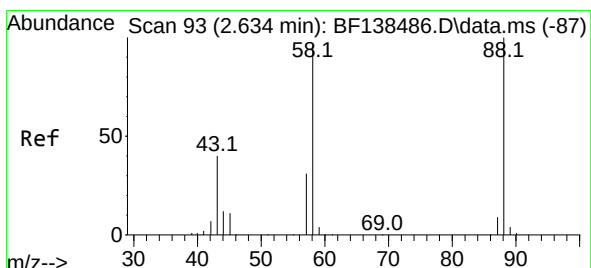
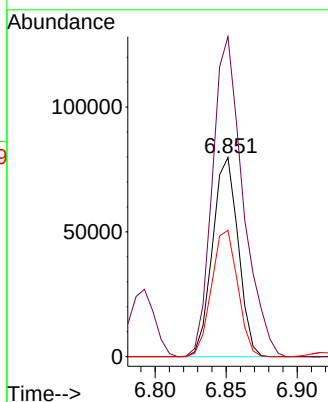
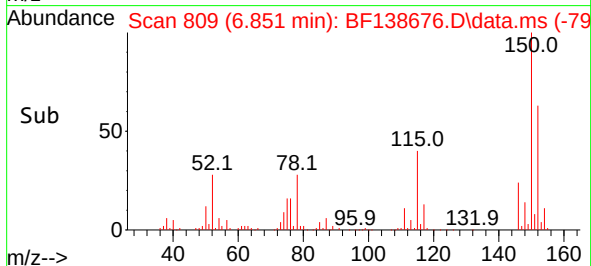


Tgt Ion:152 Resp: 100544
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.4
115 63.5 50.3 75.5

Manual Integrations

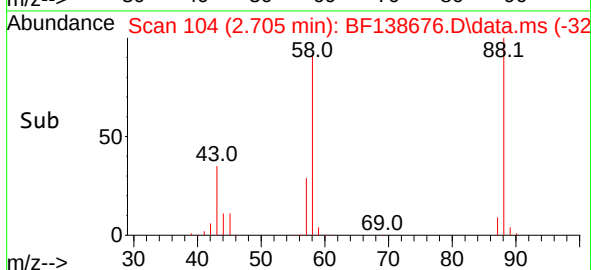
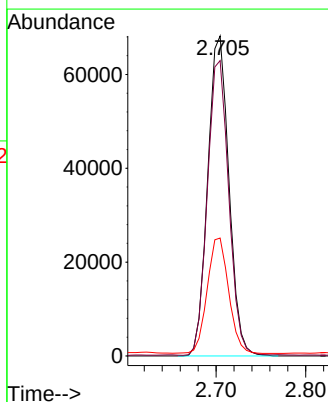
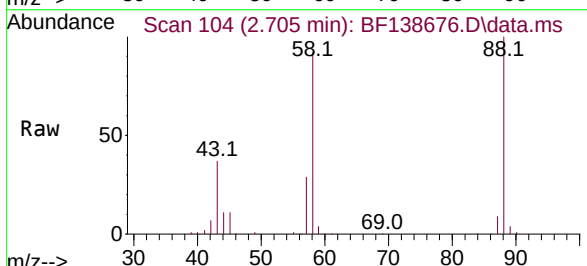
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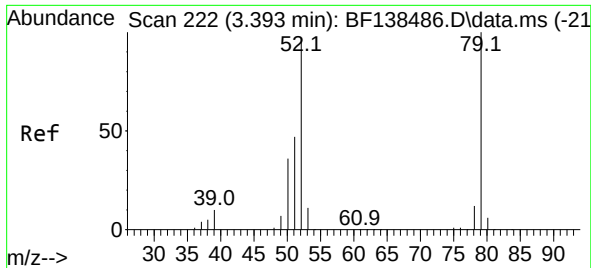
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#2
1,4-Dioxane
Concen: 39.807 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion: 88 Resp: 111925
Ion Ratio Lower Upper
88 100
58 92.7 74.6 112.0
43 36.5 31.8 47.6





#3

Pyridine

Concen: 41.934 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF138676.D

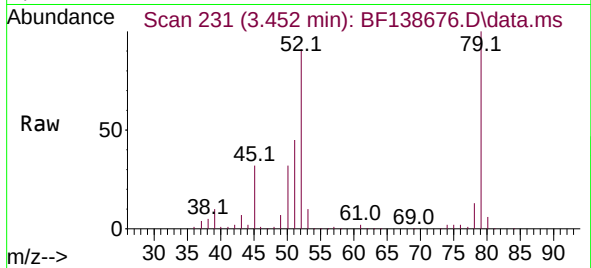
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS



Tgt Ion: 79 Resp: 29076

Ion Ratio Lower Upper

79 100

52 91.1 77.4 116.2

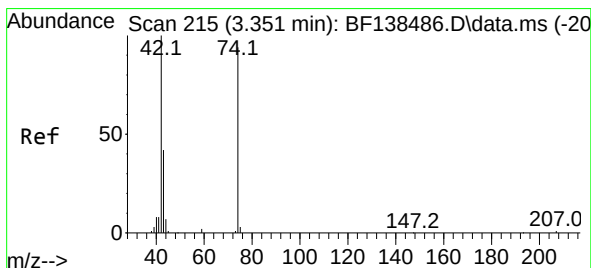
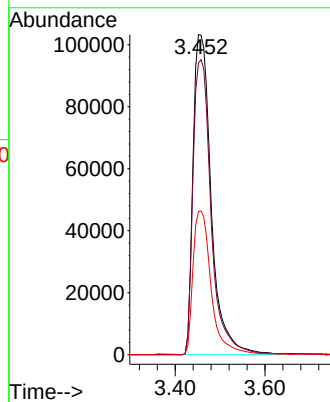
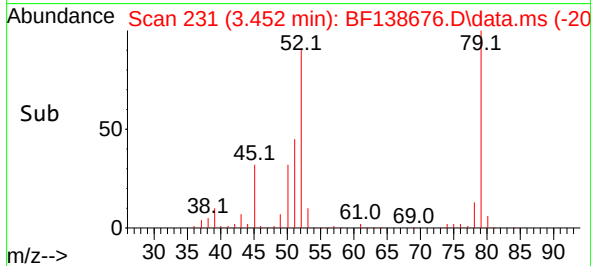
51 44.7 37.4 56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.057 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

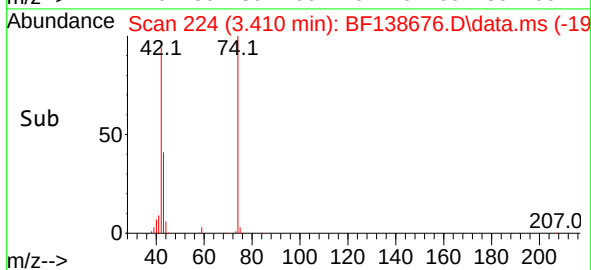
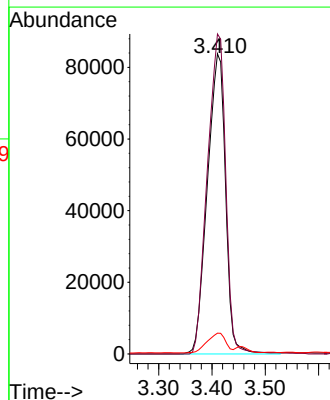
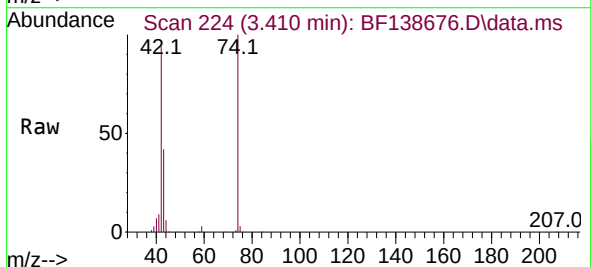
Tgt Ion: 42 Resp: 198862

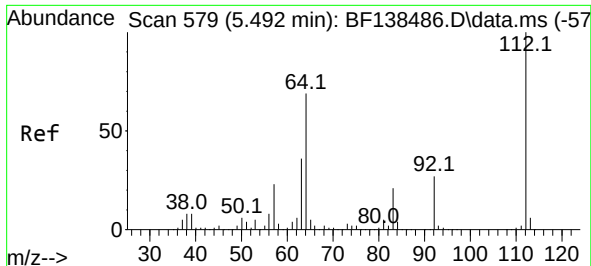
Ion Ratio Lower Upper

42 100

74 106.6 75.0 112.6

44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 109.474 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

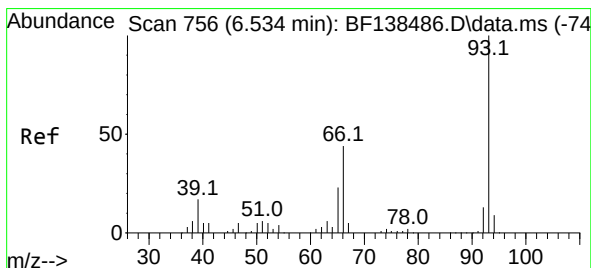
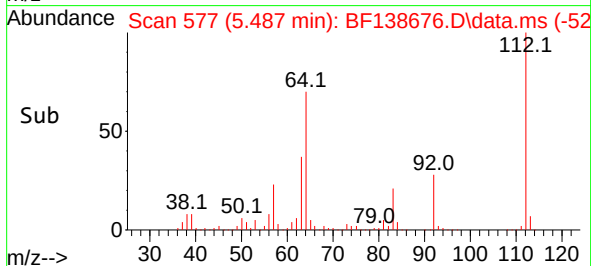
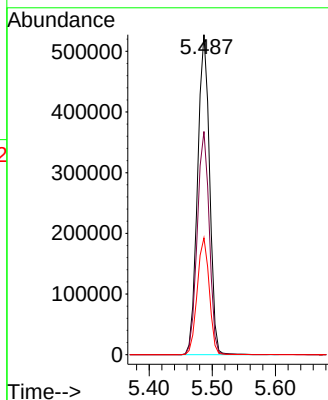
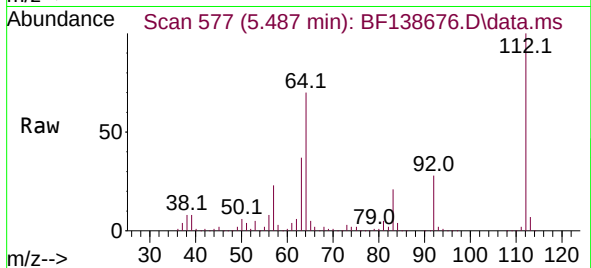
72-11978MS

Tgt Ion:112 Resp: 694990
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 36.5 29.0 43.6

Manual Integrations

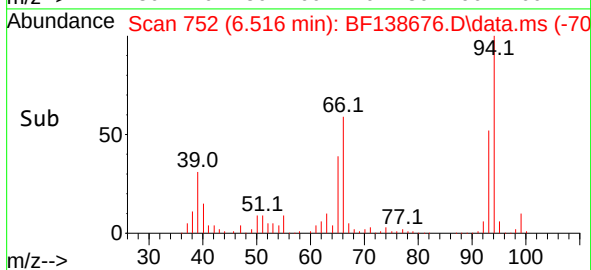
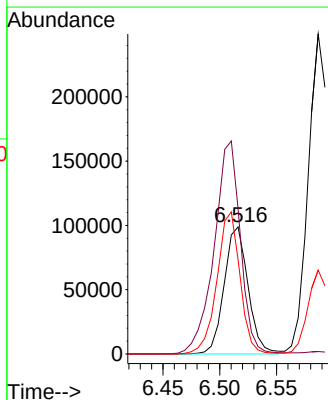
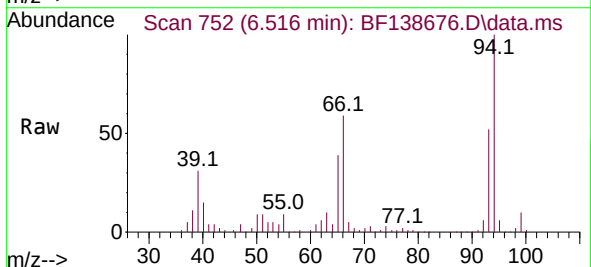
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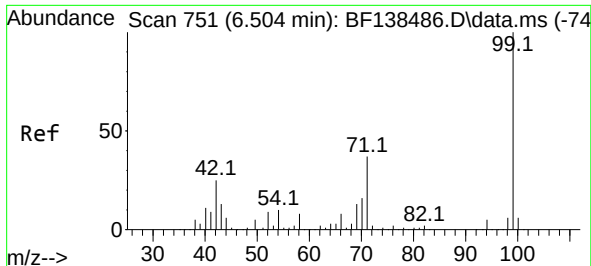
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#6
Aniline
Concen: 18.257 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion: 93 Resp: 144414
Ion Ratio Lower Upper
93 100
66 114.5 35.4 53.0#
65 74.4 18.6 27.8#





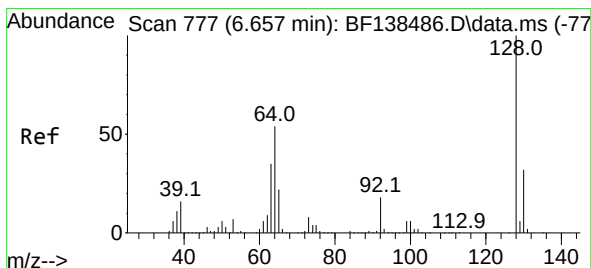
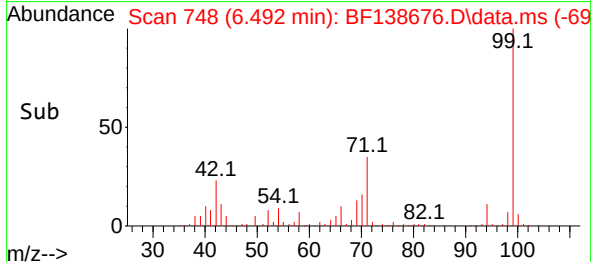
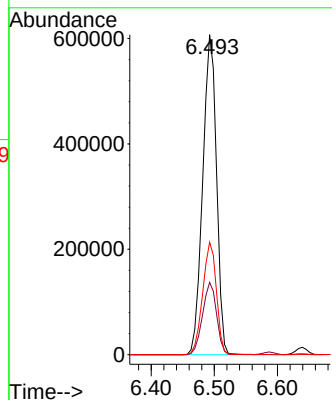
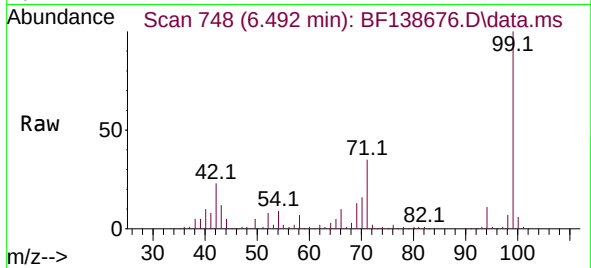
#7
Phenol-d6
Concen: 109.076 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 99 Resp: 921185
Ion Ratio Lower Upper
99 100
42 22.6 19.7 29.5
71 35.1 29.9 44.9

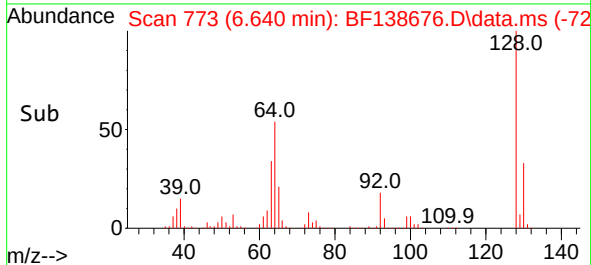
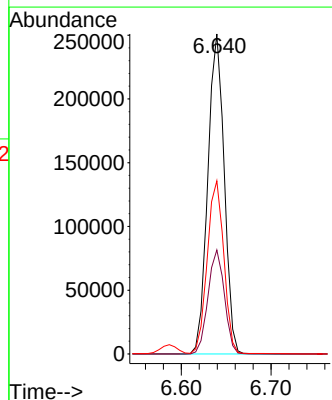
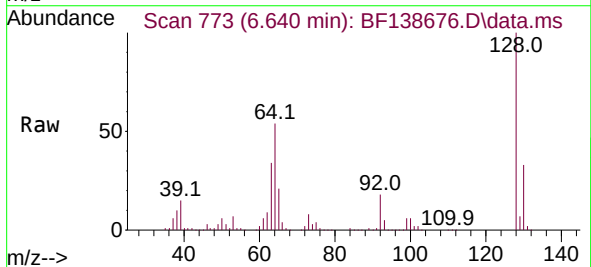
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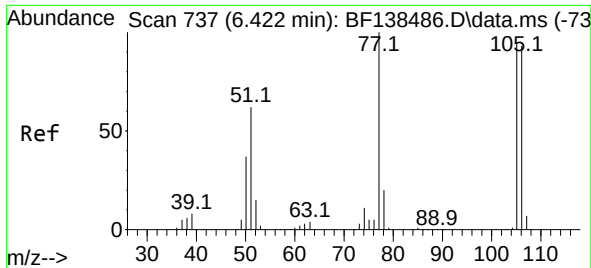
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#8
2-Chlorophenol
Concen: 47.385 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:128 Resp: 318089
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 54.1 34.4 74.4





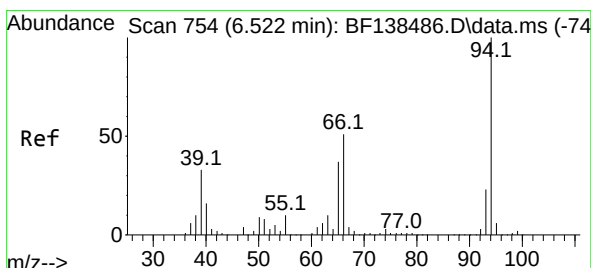
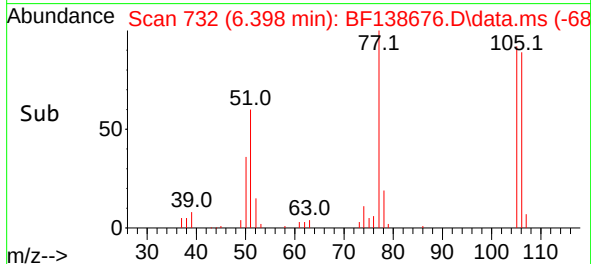
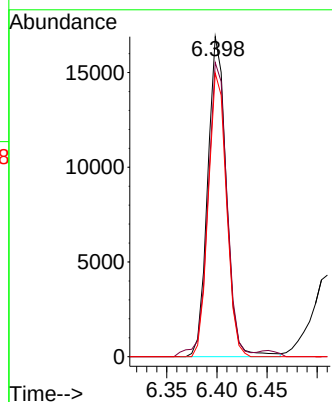
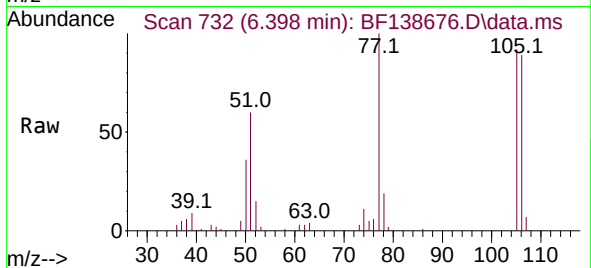
#9
Benzaldehyde
Concen: 4.845 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 77 Resp: 21900
Ion Ratio Lower Upper
77 100
105 91.9 75.1 115.1
106 88.6 73.2 113.2

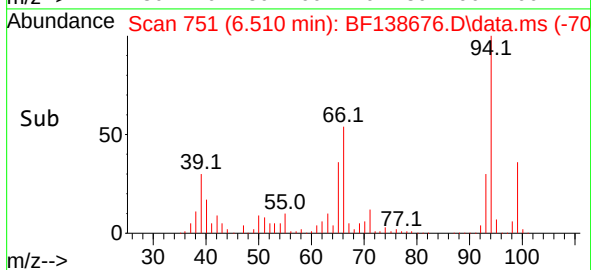
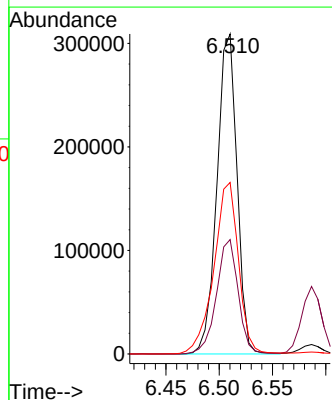
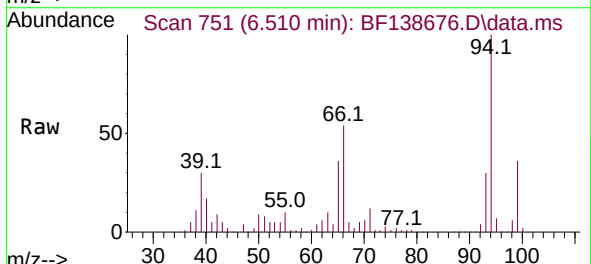
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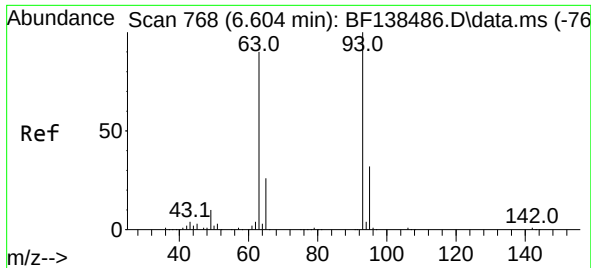
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Phenol
Concen: 45.095 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion: 94 Resp: 404242
Ion Ratio Lower Upper
94 100
65 35.8 16.7 56.7
66 53.6 31.2 71.2





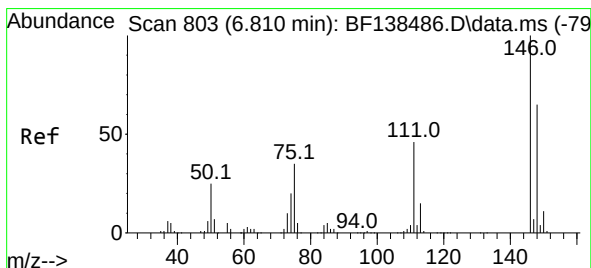
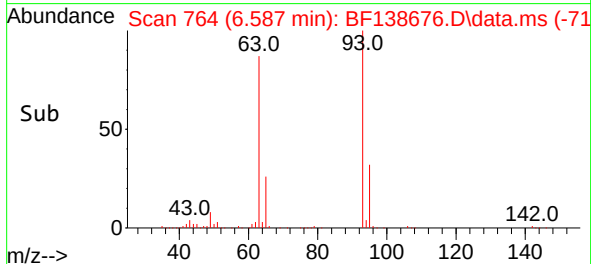
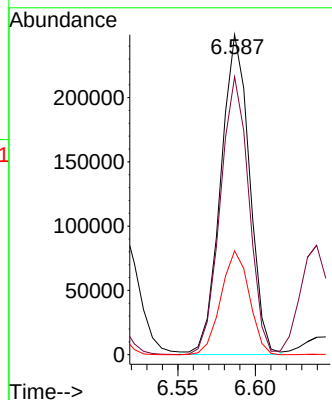
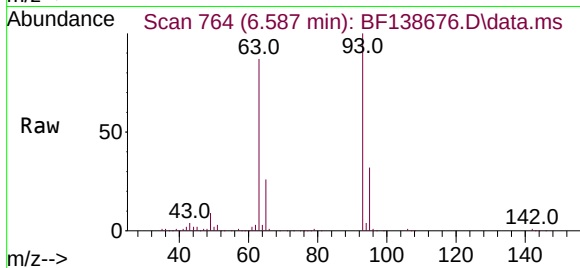
#11
bis(2-Chloroethyl)ether
Concen: 47.582 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion: 93 Resp: 321139
Ion Ratio Lower Upper
93 100
63 86.9 68.8 108.8
95 32.5 11.8 51.8

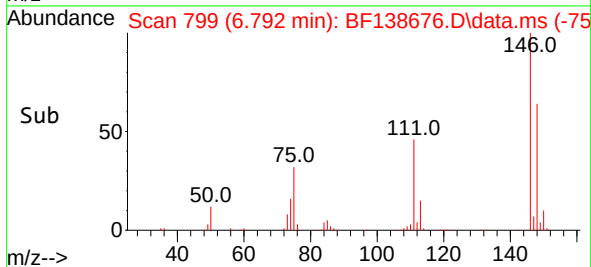
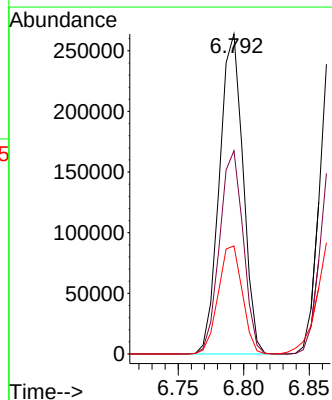
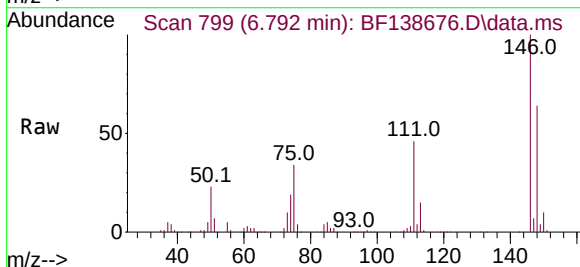
Manual Integrations
APPROVED

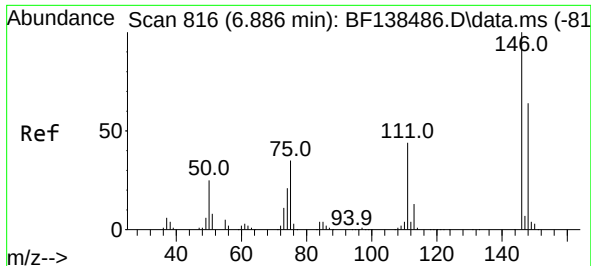
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
1,3-Dichlorobenzene
Concen: 43.697 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

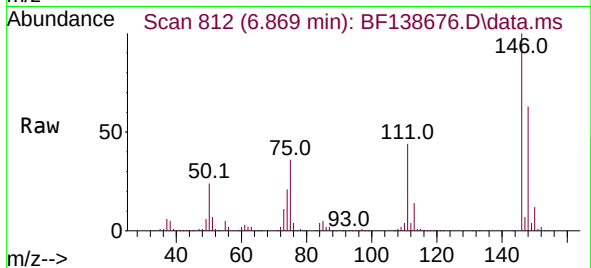
Tgt Ion:146 Resp: 329721
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
75 33.8 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 43.856 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

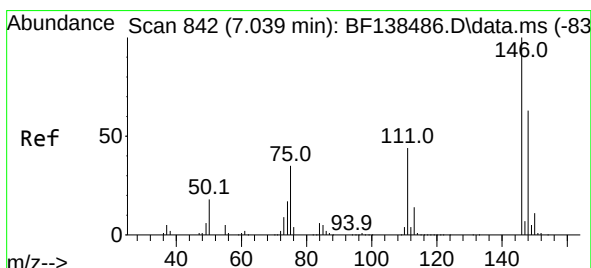
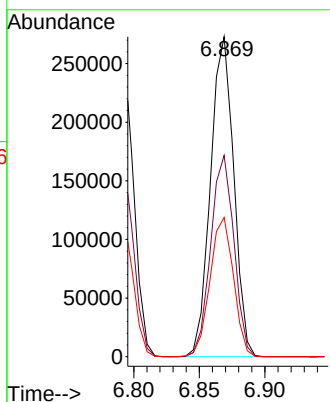
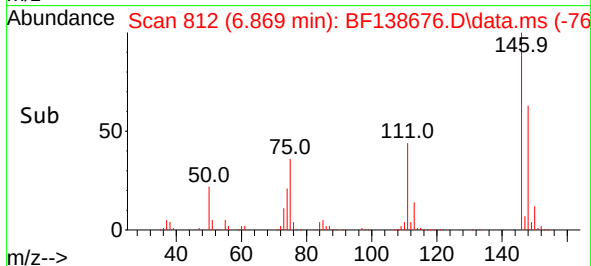
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:146 Resp: 33603
Ion Ratio Lower Upper
146 100
148 62.9 51.6 77.4
111 43.5 34.9 52.3

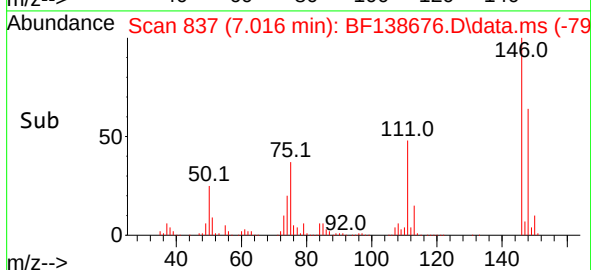
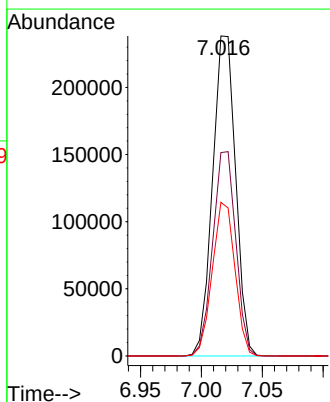
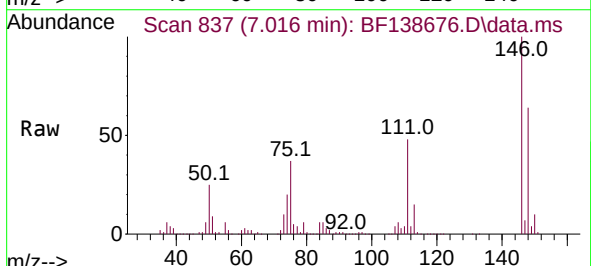
Manual Integrations
APPROVED

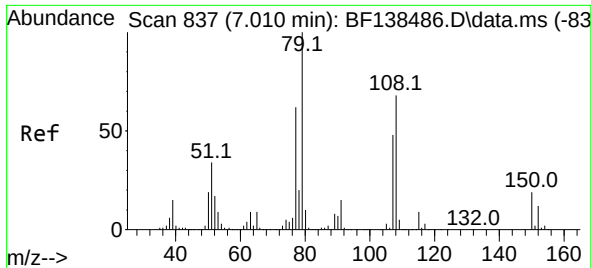
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#14
1,2-Dichlorobenzene
Concen: 44.066 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.023 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:146 Resp: 314479
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
111 48.0 35.5 53.3





#15
Benzyl Alcohol
Concen: 46.529 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

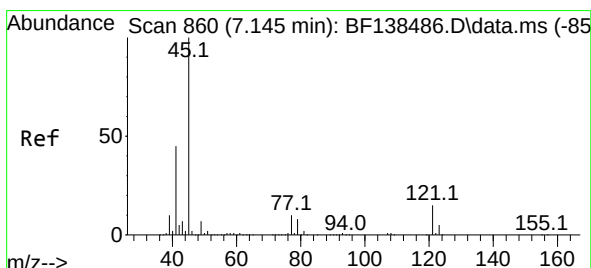
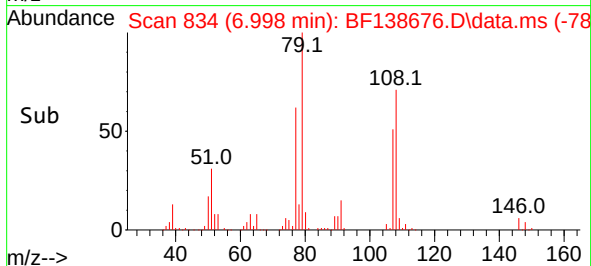
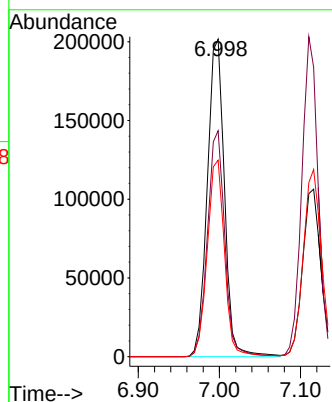
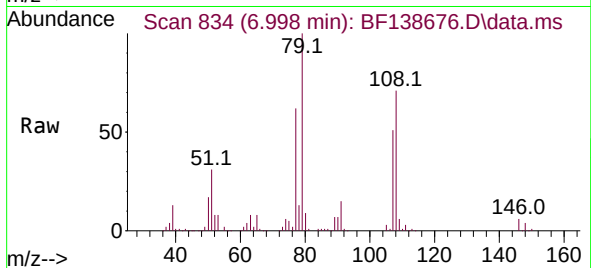
72-11978MS

Tgt Ion: 79 Resp: 294902
Ion Ratio Lower Upper
79 100
108 71.2 54.3 81.5
77 61.9 50.0 75.0

Manual Integrations

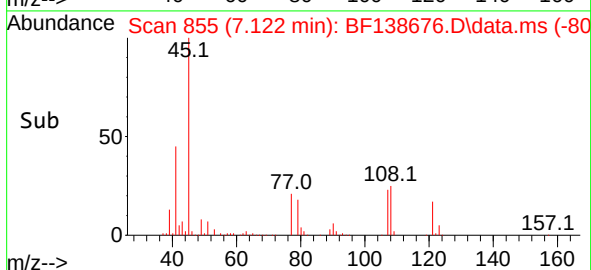
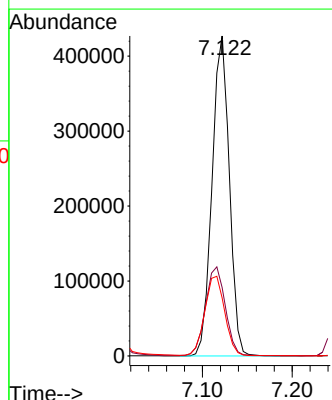
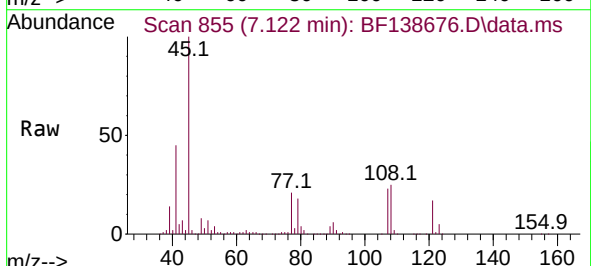
APPROVED

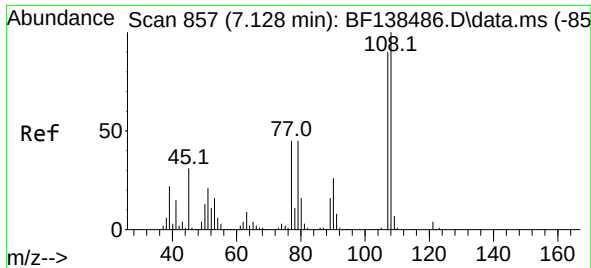
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.937 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion: 45 Resp: 569884
Ion Ratio Lower Upper
45 100
77 21.4 0.0 30.4
79 18.2 0.0 28.1





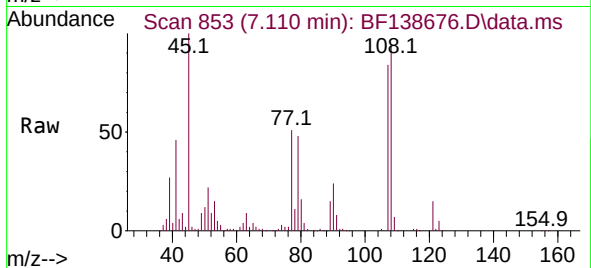
#17
2-Methylphenol
Concen: 46.026 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

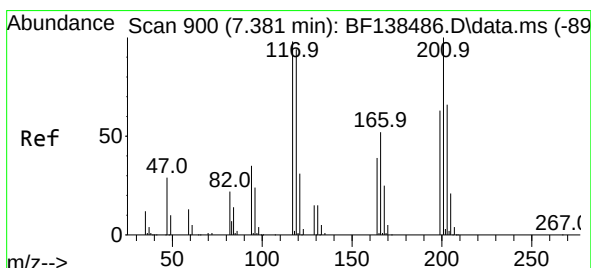
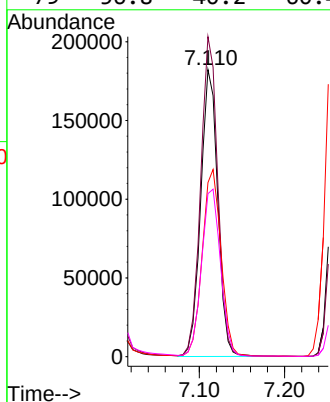
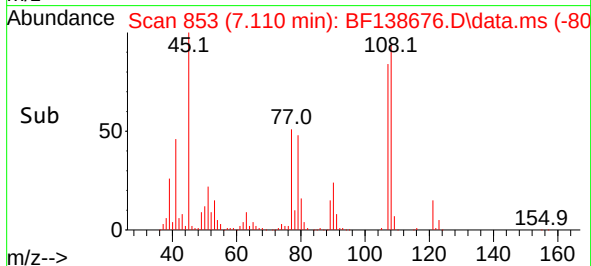


Tgt Ion:107 Resp: 25321
Ion Ratio Lower Upper
107 100
108 111.5 89.0 133.4
77 60.7 40.3 60.5
79 56.8 40.2 60.4

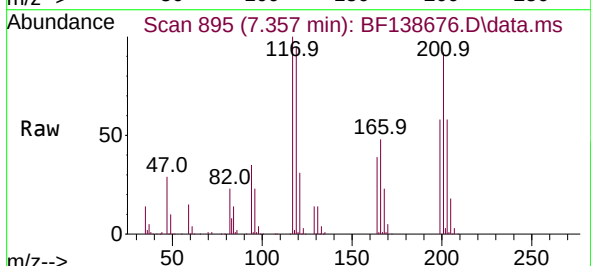
Manual Integrations

APPROVED

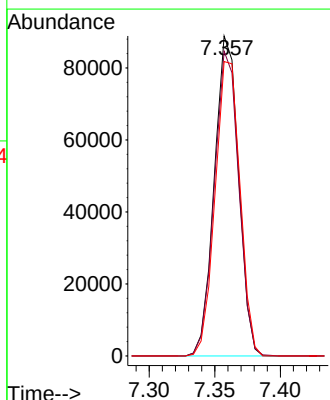
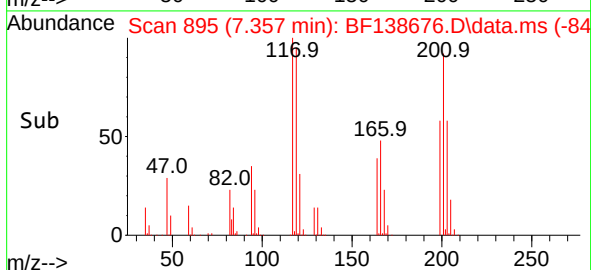
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

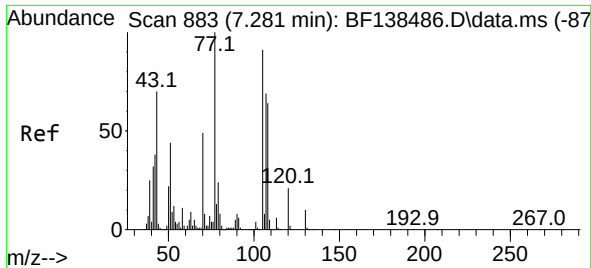


#18
Hexachloroethane
Concen: 40.497 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



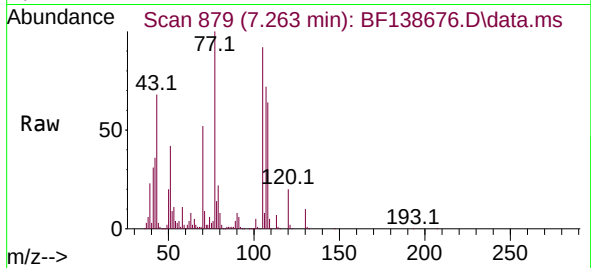
Tgt Ion:117 Resp: 114075
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 92.0 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.366 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

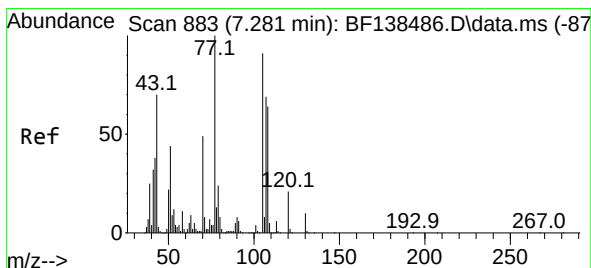
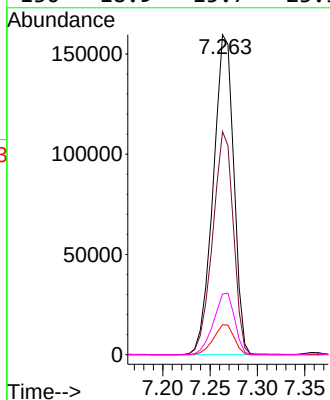
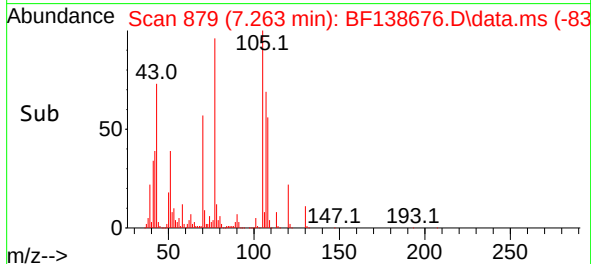
Instrument :
BNA_F
ClientSampleId :
72-11978MS



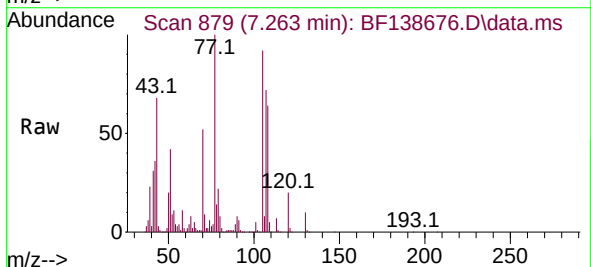
Tgt Ion: 70 Resp: 24195
Ion Ratio Lower Upper
70 100
42 69.8 62.4 93.6
101 9.4 7.2 10.8
130 18.9 15.7 23.5

Manual Integrations
APPROVED

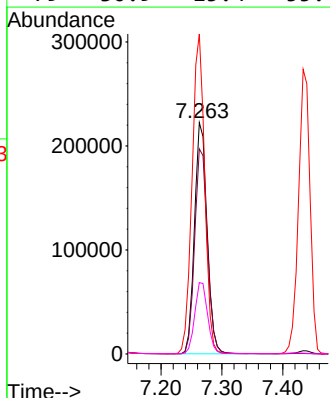
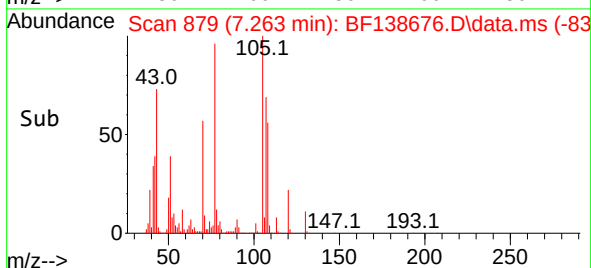
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

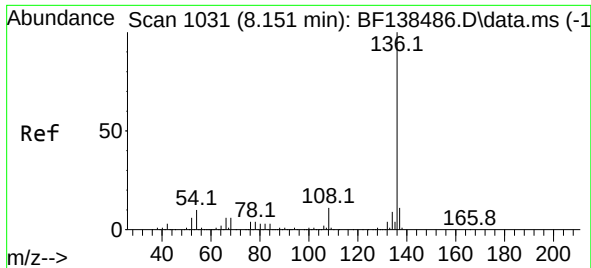


#20
3+4-Methylphenols
Concen: 46.208 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



Tgt Ion:107 Resp: 320124
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 138.3 126.0 166.0
79 30.9 15.4 55.4





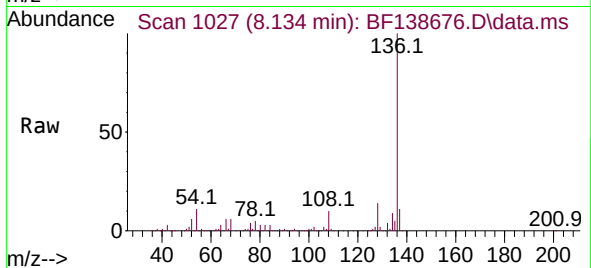
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

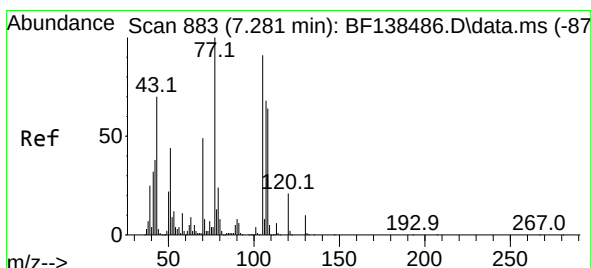
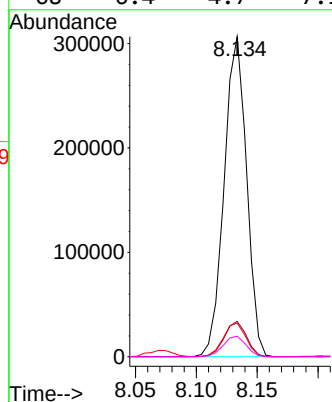
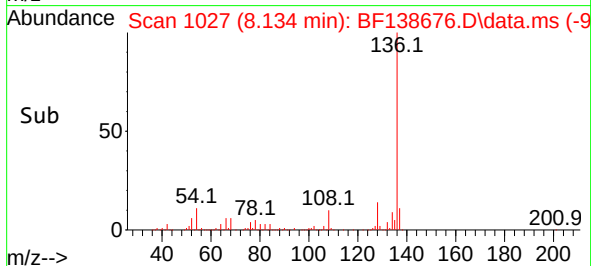


Tgt Ion:136 Resp: 393088
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.5 8.1 12.1
68 6.4 4.7 7.1

Manual Integrations

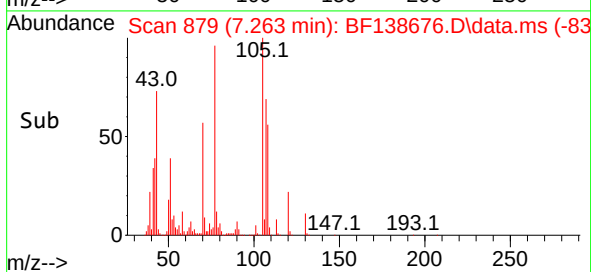
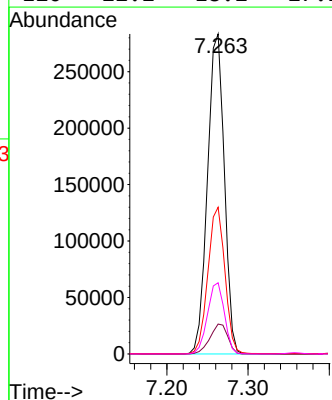
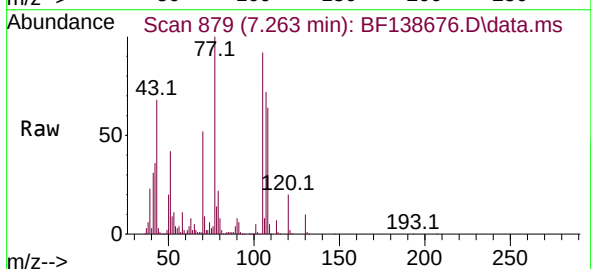
APPROVED

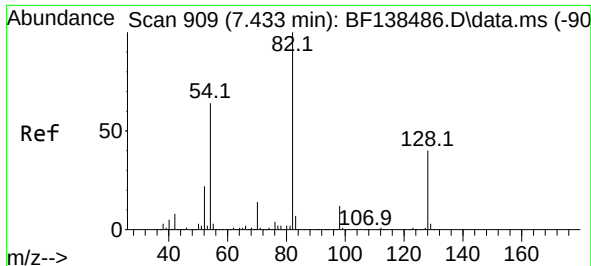
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Acetophenone
Concen: 42.627 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:105 Resp: 406959
Ion Ratio Lower Upper
105 100
71 9.4 7.4 11.2
51 45.9 38.7 58.1
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.747 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

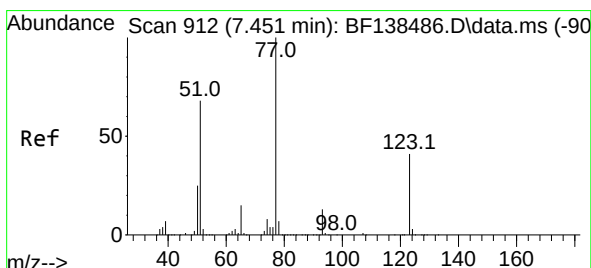
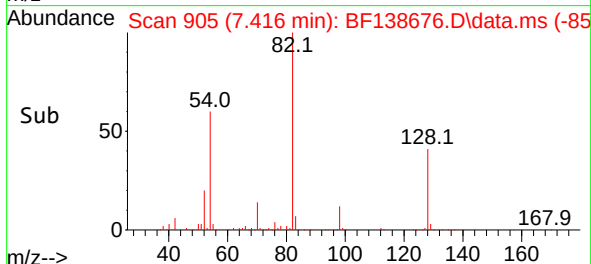
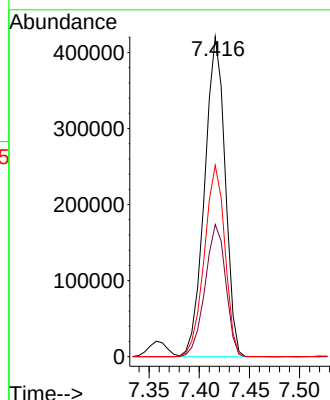
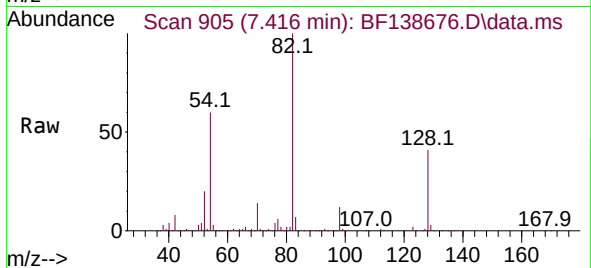
Tgt Ion: 82 Resp: 59844

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	59.8	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#24

Nitrobenzene

Concen: 44.084 ng

RT: 7.434 min Scan# 908

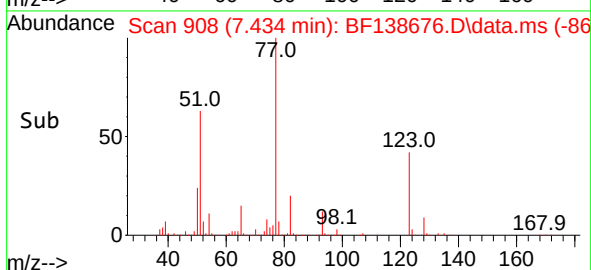
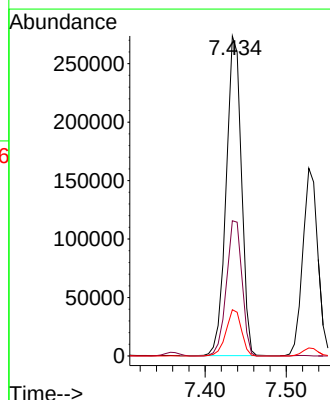
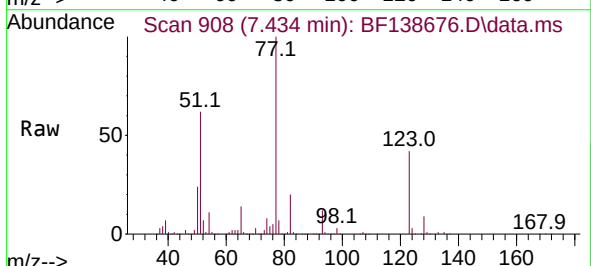
Delta R.T. -0.017 min

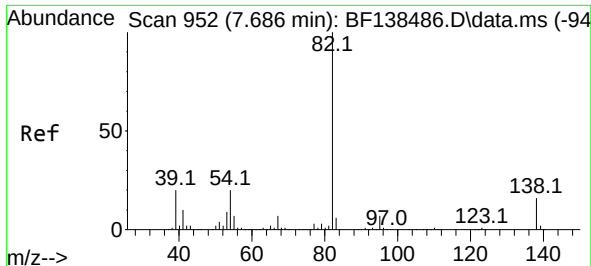
Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Tgt Ion: 77 Resp: 358671

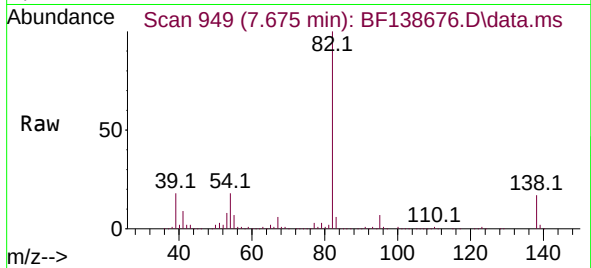
Ion	Ratio	Lower	Upper
77	100		
123	42.3	32.4	48.6
65	14.5	11.8	17.8





#25
Isophorone
Concen: 46.848 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

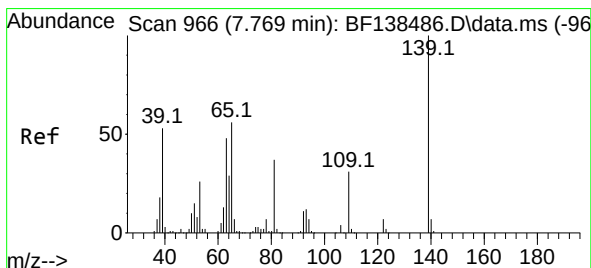
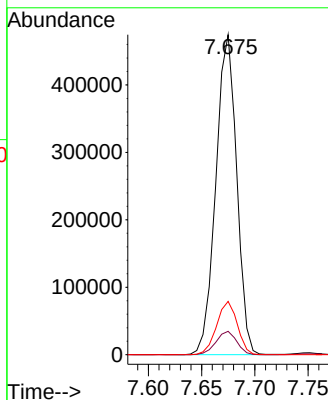
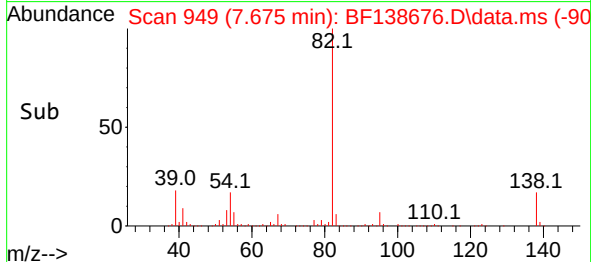
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion: 82 Resp: 644125
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.7 12.8 19.2

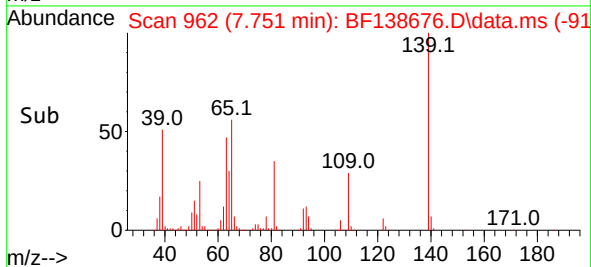
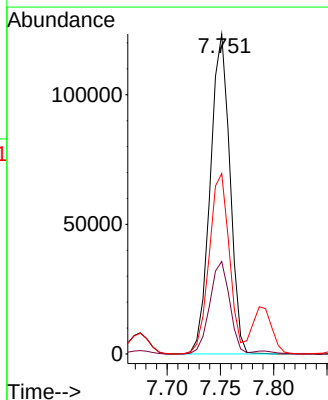
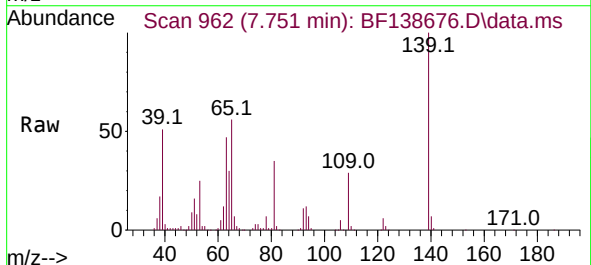
Manual Integrations
APPROVED

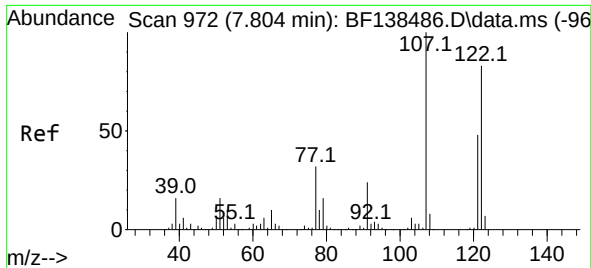
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#26
2-Nitrophenol
Concen: 45.306 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:139 Resp: 157988
Ion Ratio Lower Upper
139 100
109 28.9 24.8 37.2
65 56.4 45.1 67.7





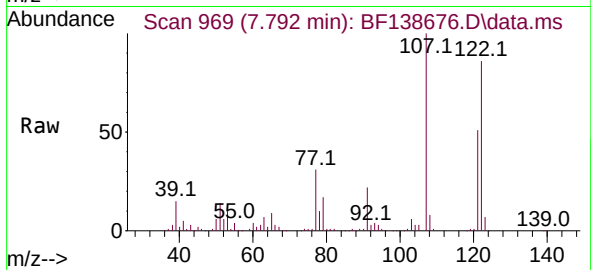
#27
2,4-Dimethylphenol
Concen: 50.158 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

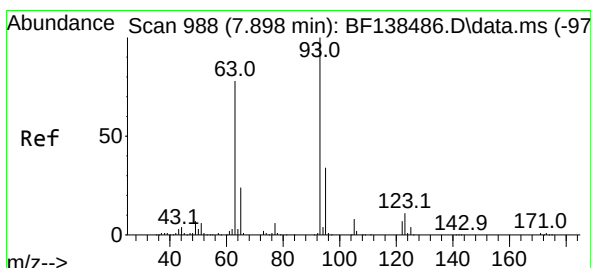
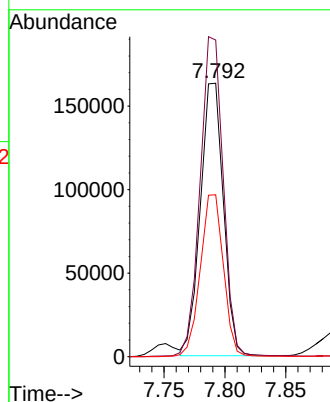
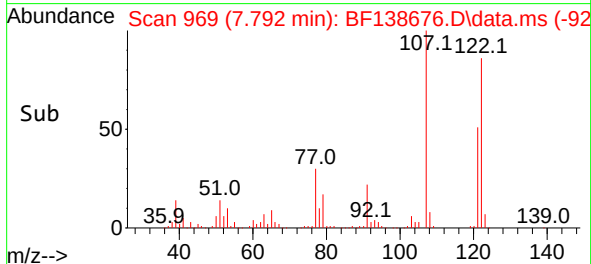


Tgt Ion:122 Resp: 214970
Ion Ratio Lower Upper
122 100
107 115.8 96.3 144.5
121 59.2 46.7 70.1

Manual Integrations

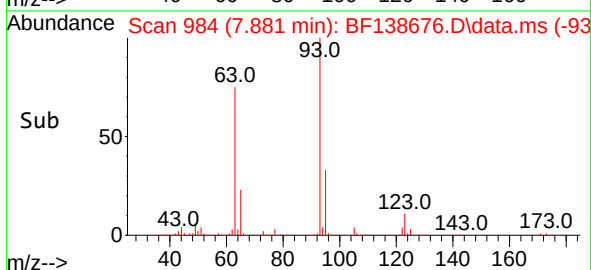
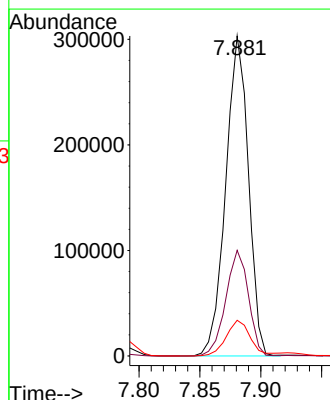
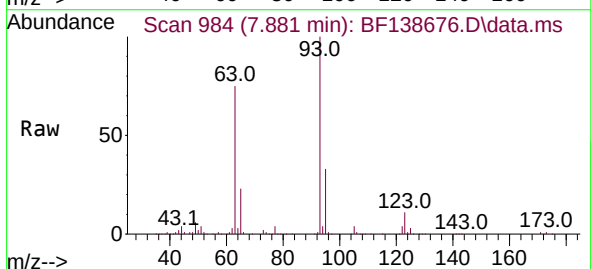
APPROVED

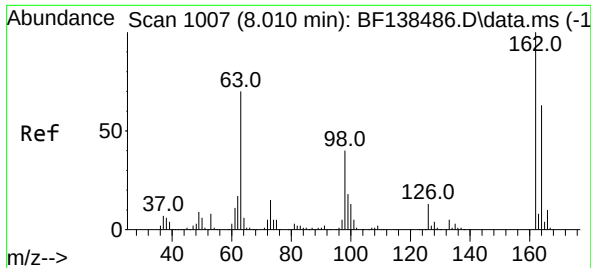
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.890 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion: 93 Resp: 393511
Ion Ratio Lower Upper
93 100
95 33.0 27.0 40.6
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.248 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

Tgt Ion:162 Resp: 240700

Ion Ratio Lower Upper

162 100

164 64.9 42.6 82.6

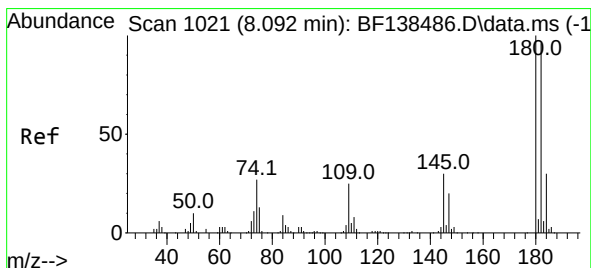
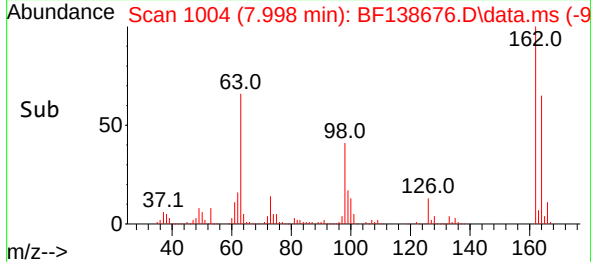
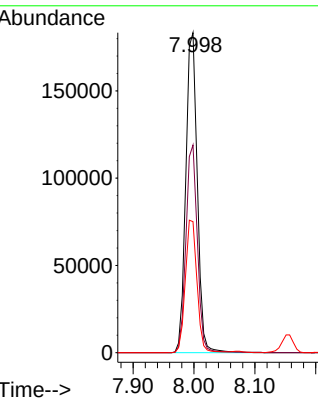
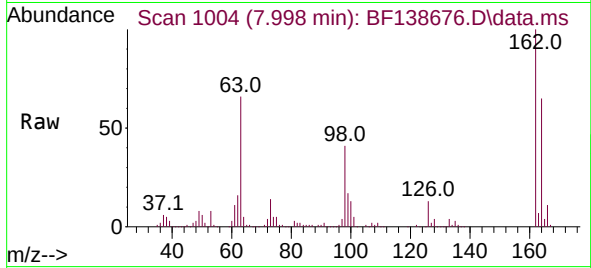
98 41.0 20.1 60.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.332 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

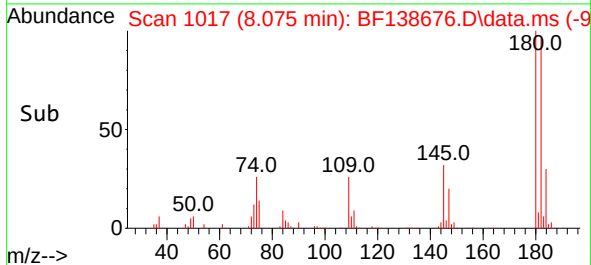
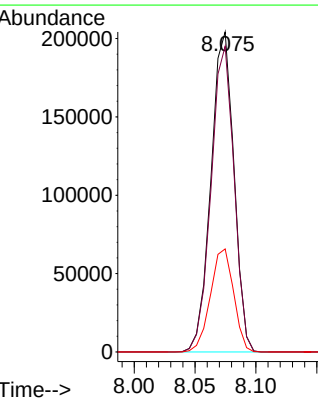
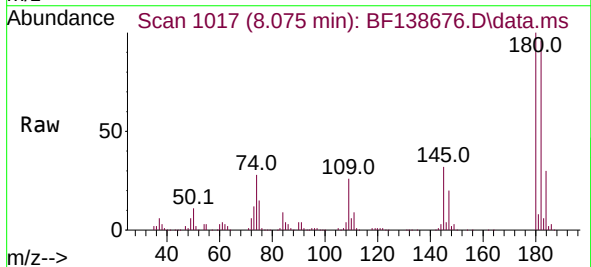
Tgt Ion:180 Resp: 267983

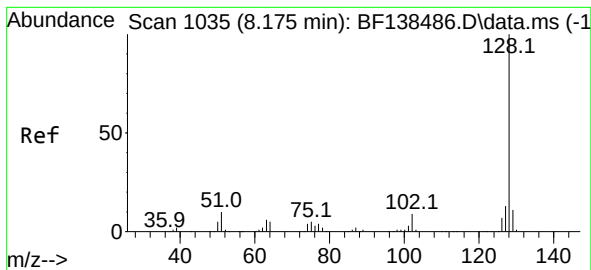
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 32.2 23.9 35.9





#31

Naphthalene

Concen: 43.884 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.017 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

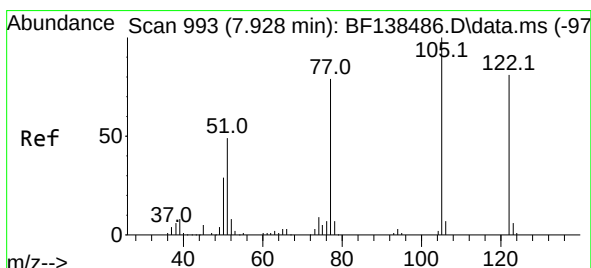
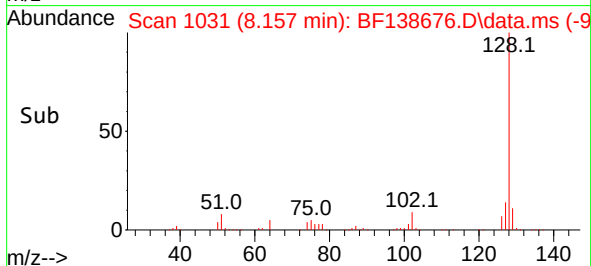
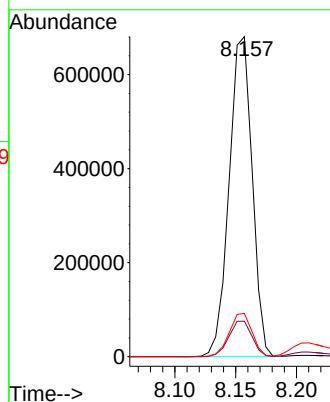
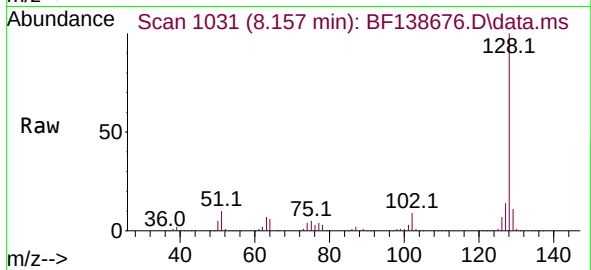
72-11978MS

Tgt Ion:128 Resp: 897144
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#32

Benzoic acid

Concen: 29.247 ng m

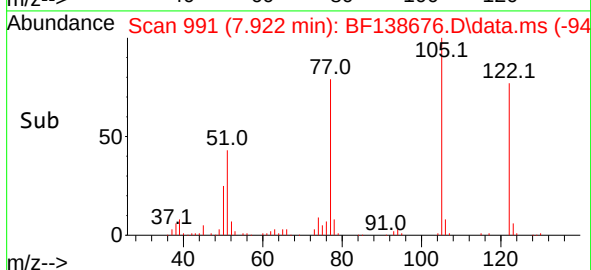
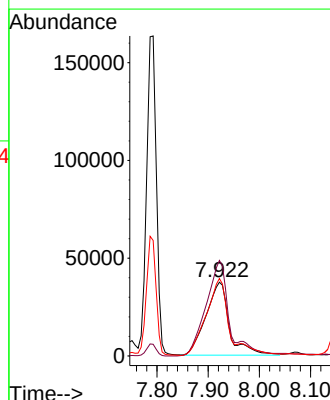
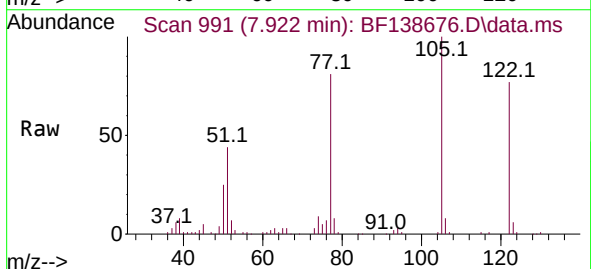
RT: 7.922 min Scan# 991

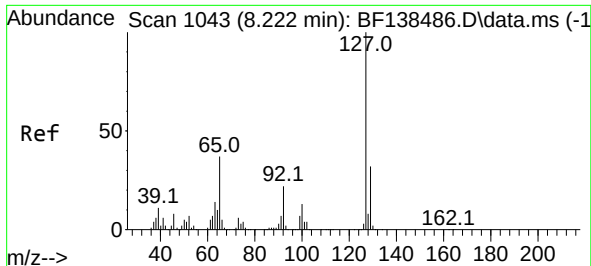
Delta R.T. -0.006 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Tgt Ion:122 Resp: 119555
 Ion Ratio Lower Upper
 122 100
 105 129.4 101.5 141.5
 77 105.0 77.3 117.3





#33
4-Chloroaniline
Concen: 11.048 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

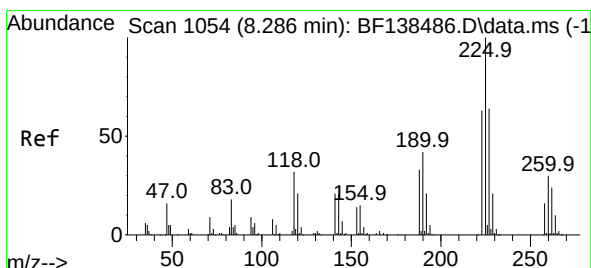
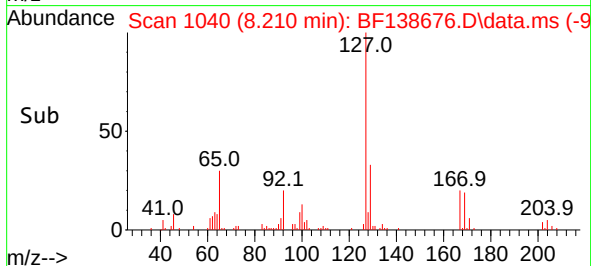
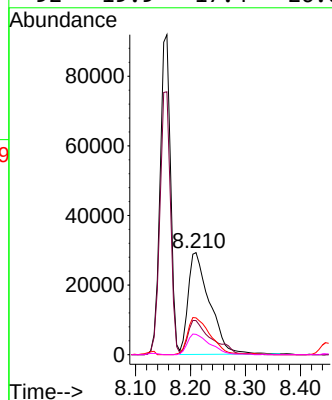
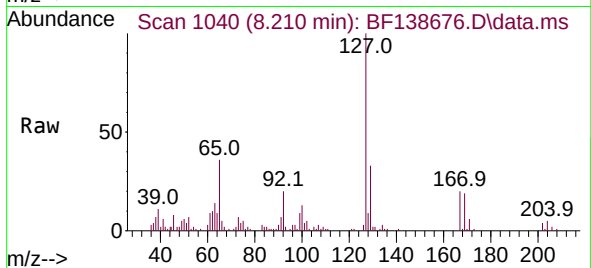
72-11978MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.6	38.4
65	36.0	29.6	44.4
92	19.9	17.4	26.0

Manual Integrations

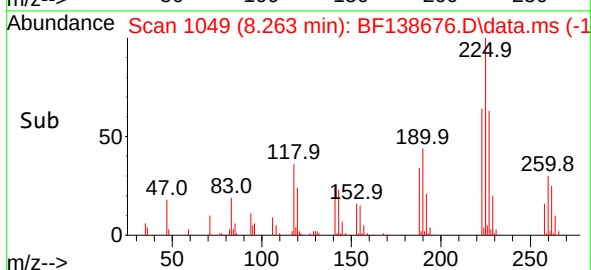
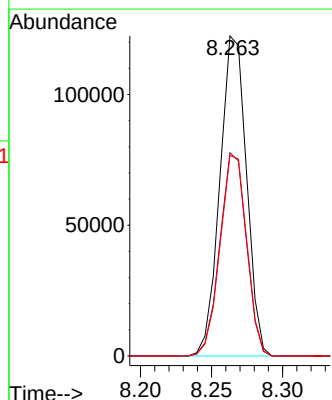
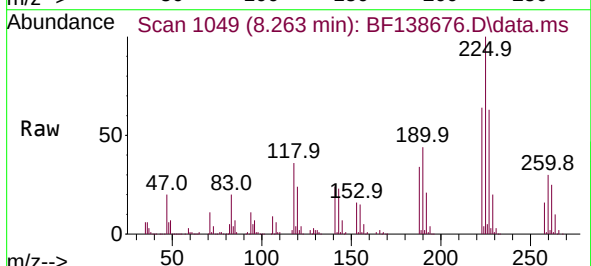
APPROVED

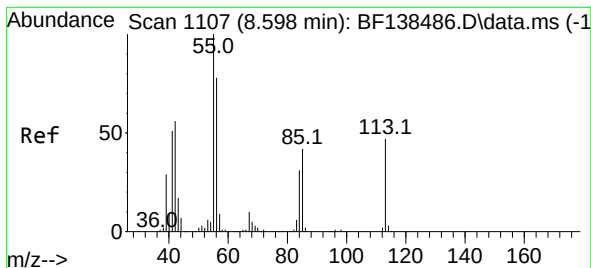
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#34
Hexachlorobutadiene
Concen: 39.922 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.023 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	62.6	51.0	76.6





#35

Caprolactam

Concen: 38.204 ng m

RT: 8.586 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

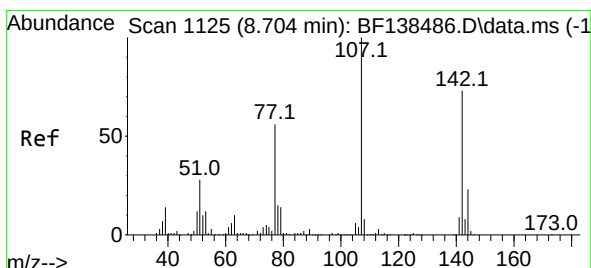
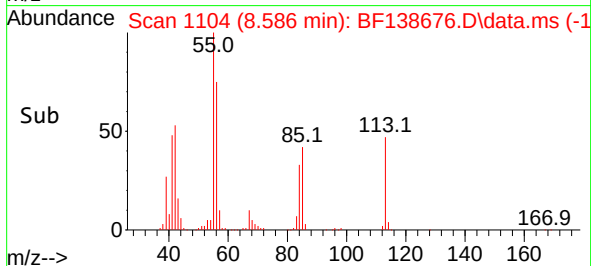
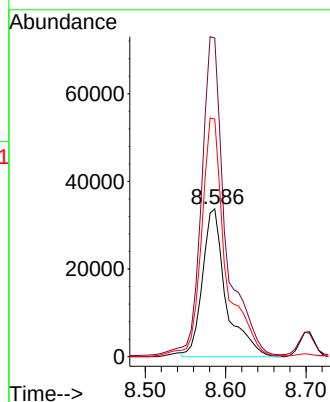
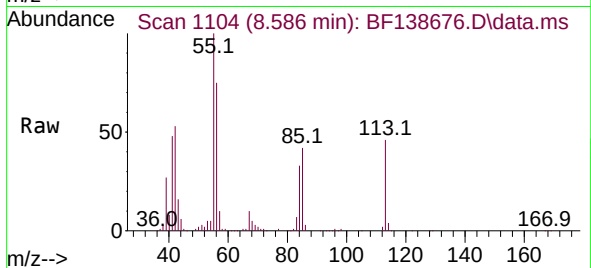
72-11978MS

Tgt Ion:	113	Resp:	6861
Ion Ratio	Lower	Upper	
113	100		
55	215.3	192.5	232.5
56	160.6	145.3	185.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#36

4-Chloro-3-methylphenol

Concen: 42.410 ng

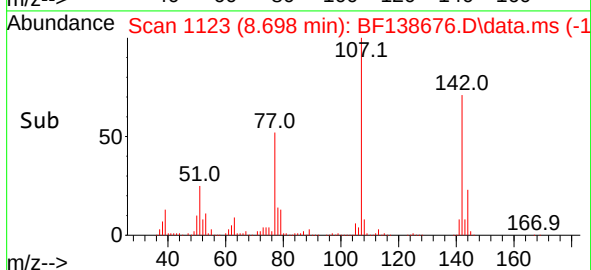
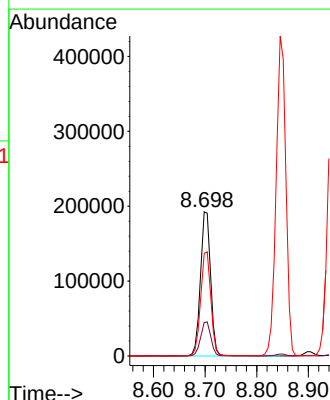
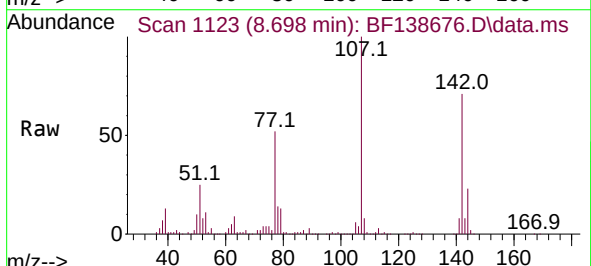
RT: 8.698 min Scan# 1123

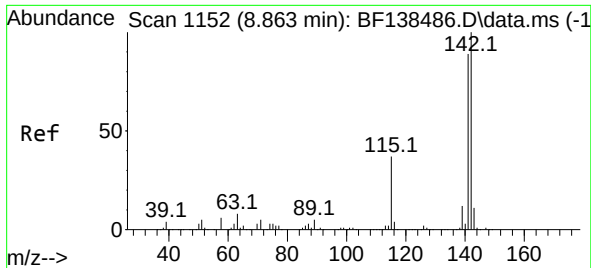
Delta R.T. -0.006 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Tgt Ion:	107	Resp:	264248
Ion Ratio	Lower	Upper	
107	100		
144	23.2	18.6	27.8
142	71.2	58.6	88.0





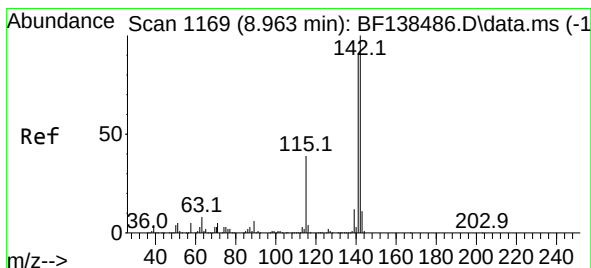
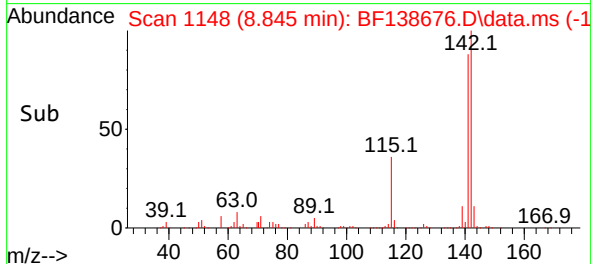
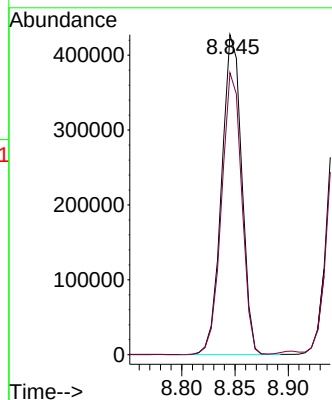
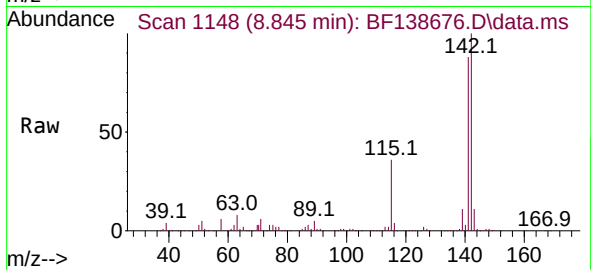
#37
2-Methylnaphthalene
Concen: 42.500 ng
RT: 8.845 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:142 Resp: 559129
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0

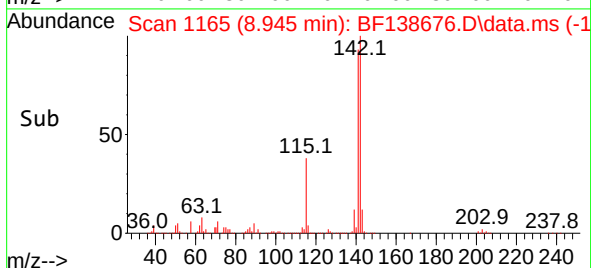
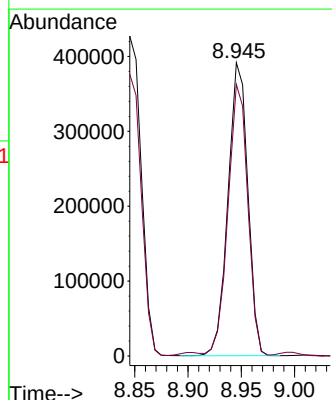
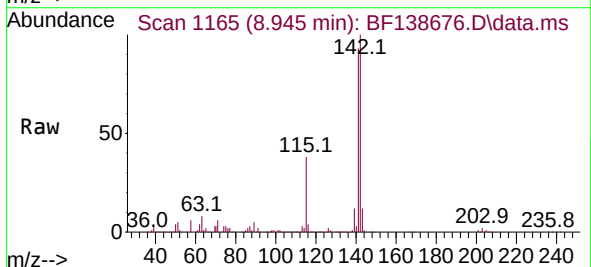
Manual Integrations
APPROVED

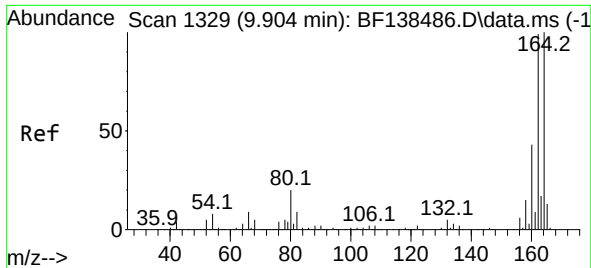
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#38
1-Methylnaphthalene
Concen: 39.519 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:142 Resp: 507413
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8





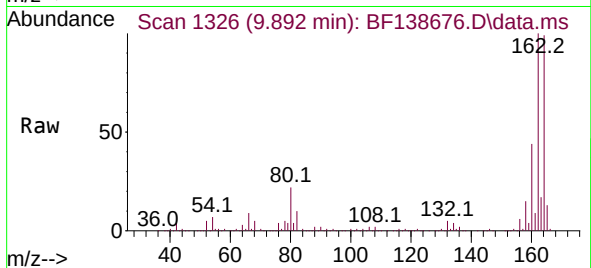
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

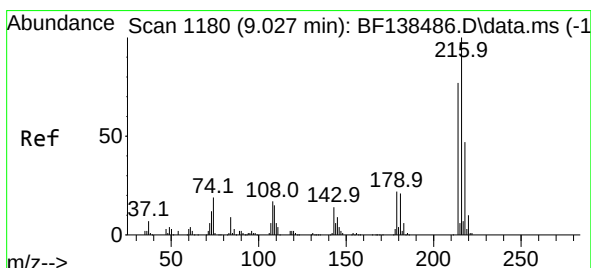
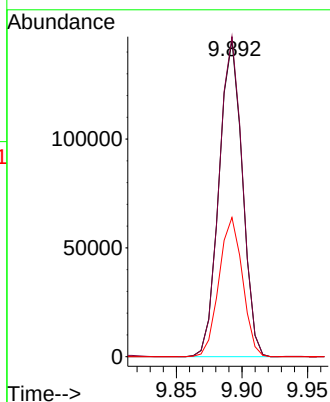
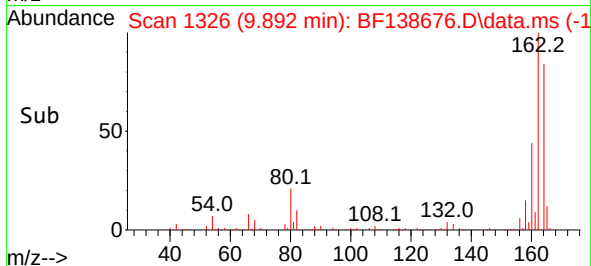


Tgt Ion:164 Resp: 17954
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.6
160 44.0 34.4 51.6

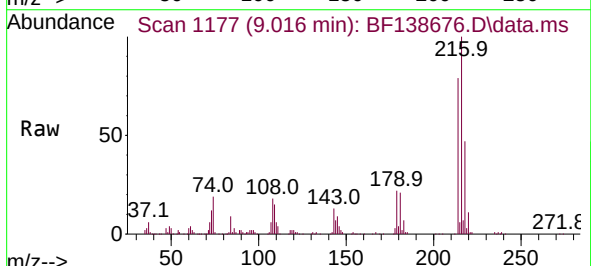
Manual Integrations

APPROVED

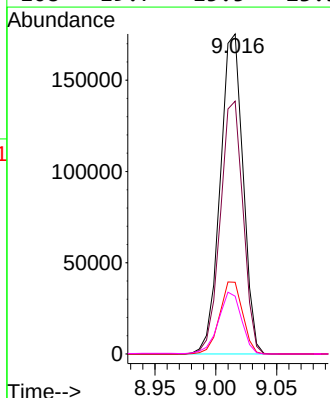
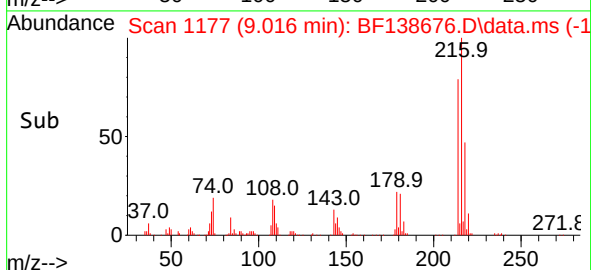
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

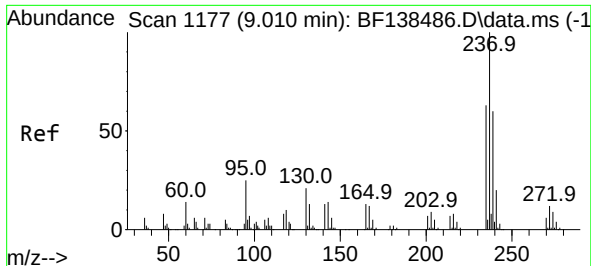


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.715 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



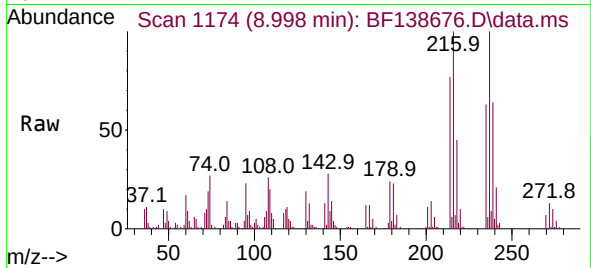
Tgt Ion:216 Resp: 228761
Ion Ratio Lower Upper
216 100
214 78.5 62.8 94.2
179 22.7 17.7 26.5
108 19.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 29.531 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

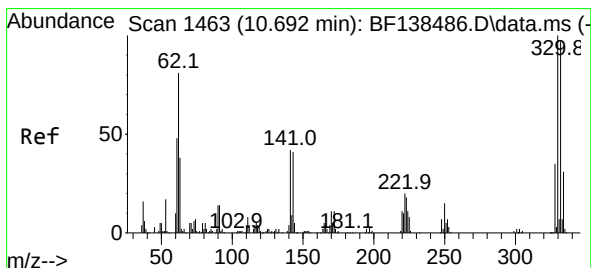
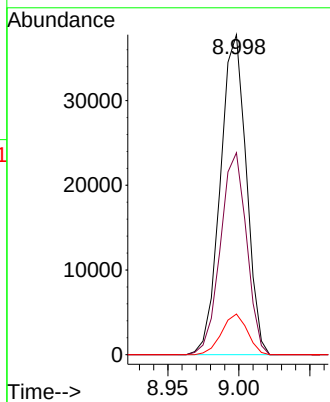
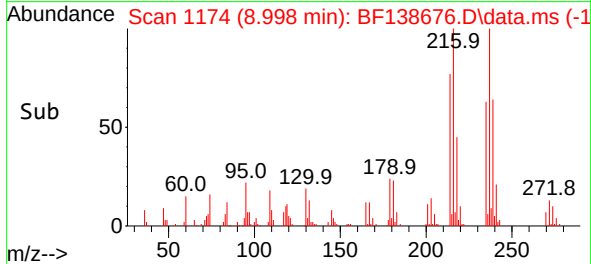
Instrument :
BNA_F
ClientSampleId :
72-11978MS



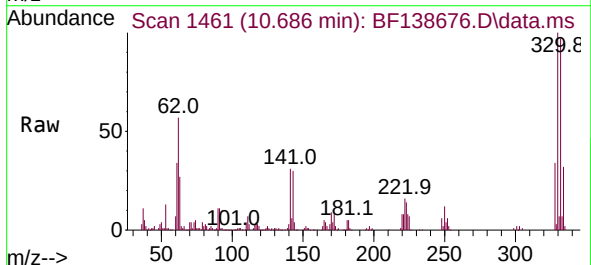
Tgt Ion: 237 Resp: 47960
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations
APPROVED

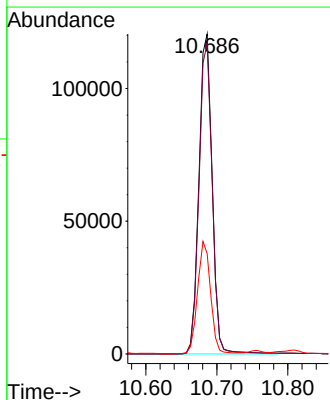
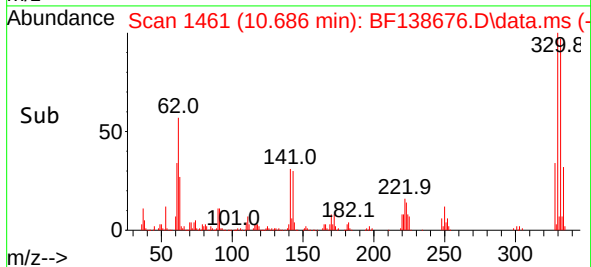
Reviewed By : Jagrut Upadhyay 07/30/2024
Supervised By : mohammad ahmed 07/31/2024

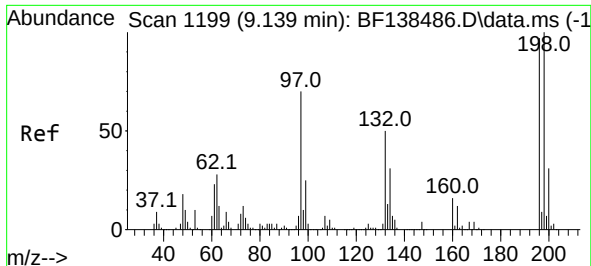


#42
2,4,6-Tribromophenol
Concen: 93.393 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



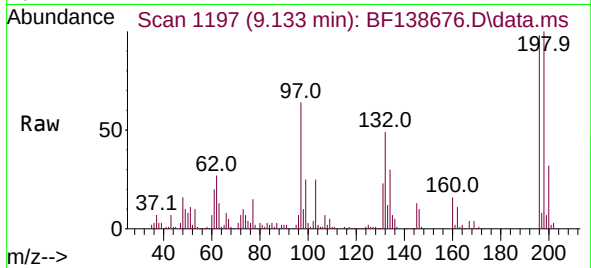
Tgt Ion: 330 Resp: 156718
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 35.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 46.331 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

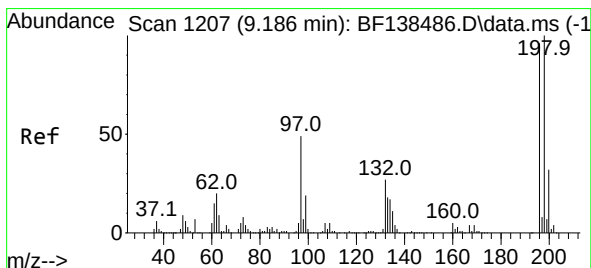
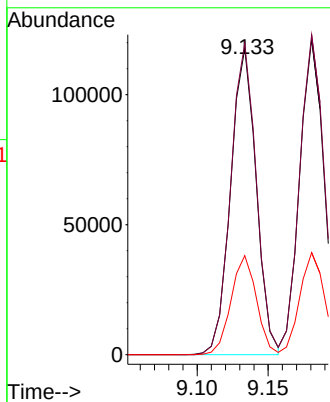
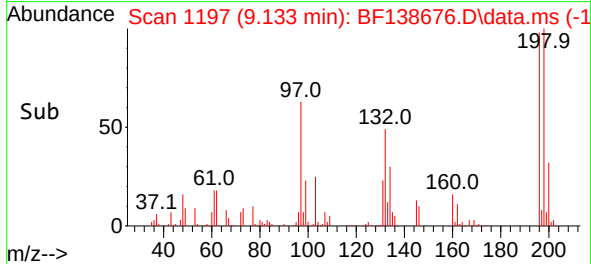
Instrument :
BNA_F
ClientSampleId :
72-11978MS



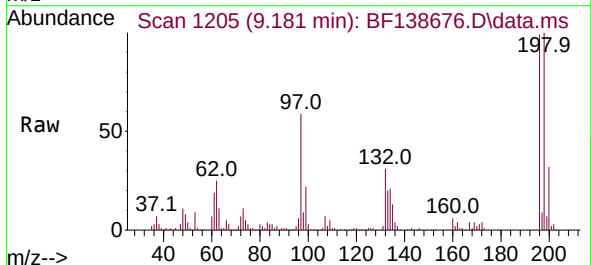
Tgt Ion:196 Resp: 147889
Ion Ratio Lower Upper
196 100
198 101.8 82.3 123.5
200 32.3 25.8 38.6

Manual Integrations
APPROVED

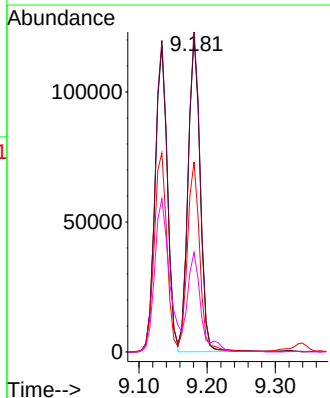
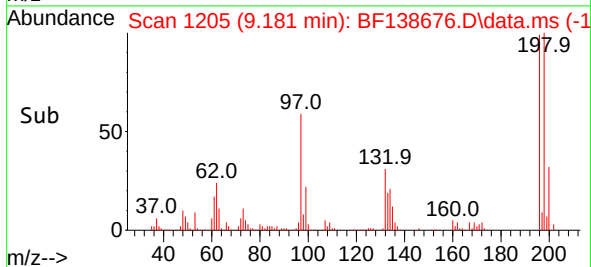
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

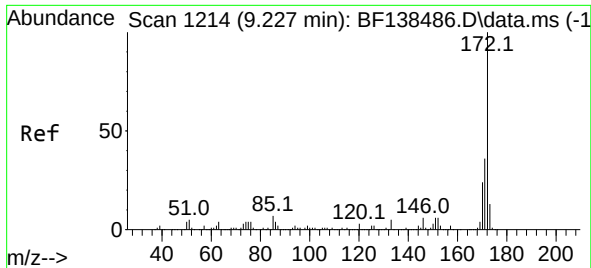


#44
2,4,5-Trichlorophenol
Concen: 41.879 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



Tgt Ion:196 Resp: 147031
Ion Ratio Lower Upper
196 100
198 101.4 82.8 124.2
97 60.2 41.0 61.4
132 31.5 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 83.927 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

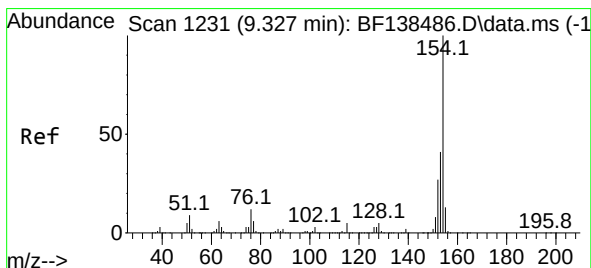
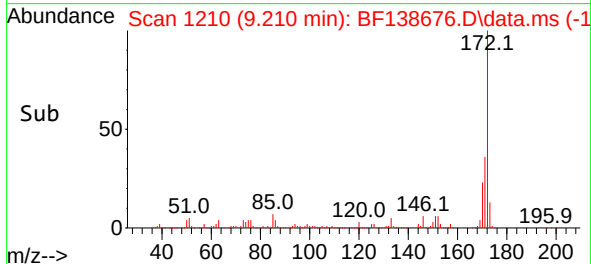
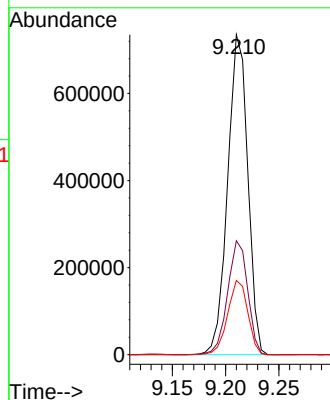
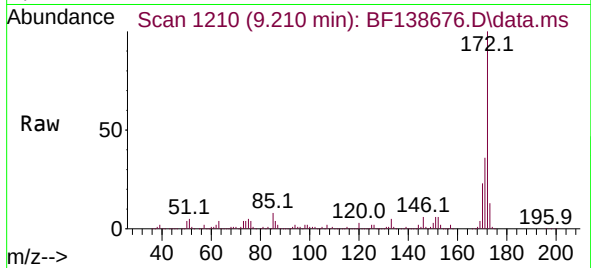
72-11978MS

Tgt Ion:172 Resp: 96415
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.2 18.9 28.3

Manual Integrations

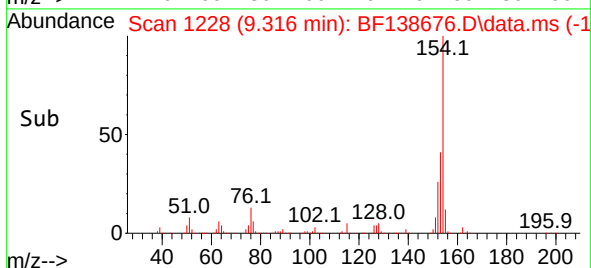
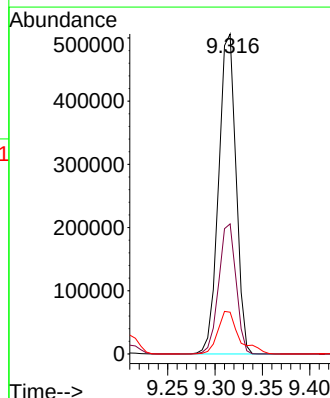
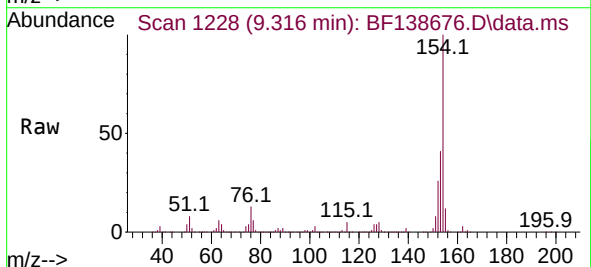
APPROVED

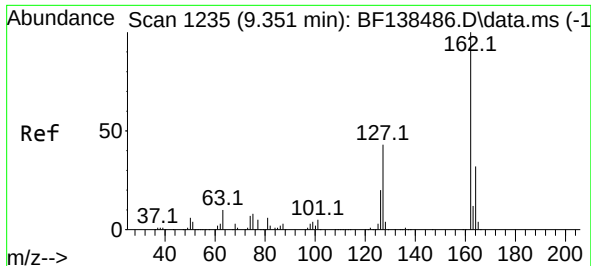
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#46
1,1'-Biphenyl
Concen: 47.521 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:154 Resp: 646613
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 13.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 47.176 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

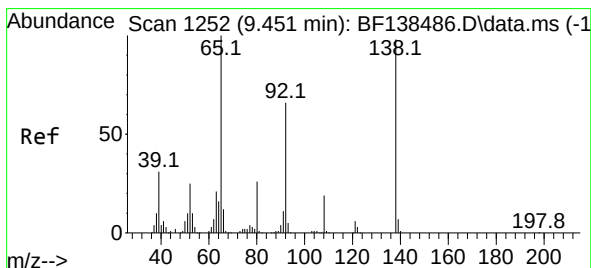
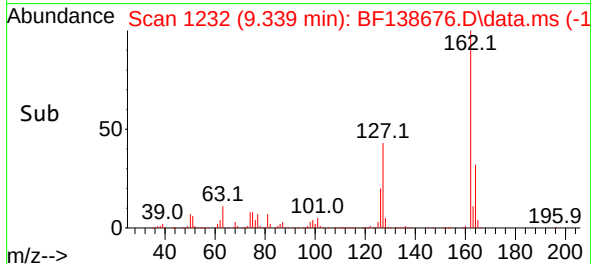
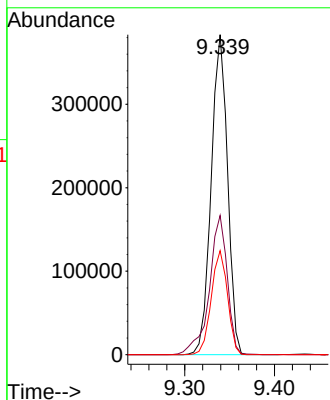
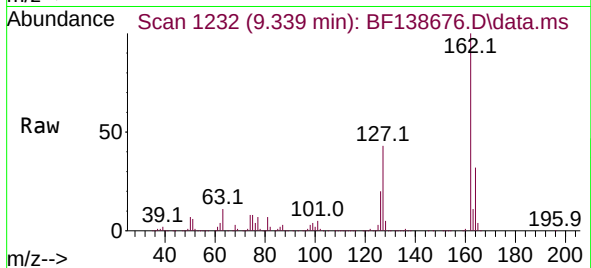
72-11978MS

Tgt Ion:162 Resp: 484939
 Ion Ratio Lower Upper
 162 100
 127 43.5 34.8 52.2
 164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#48

2-Nitroaniline

Concen: 49.663 ng

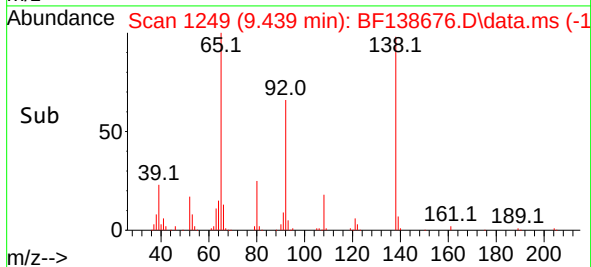
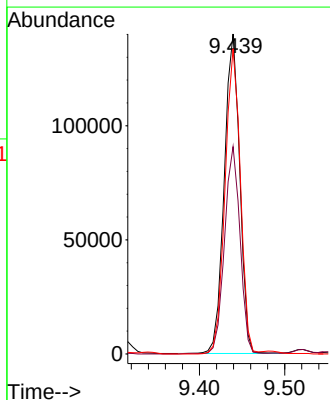
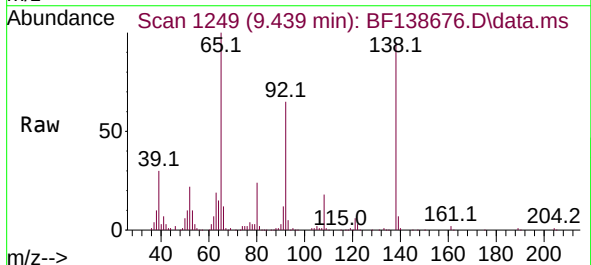
RT: 9.439 min Scan# 1249

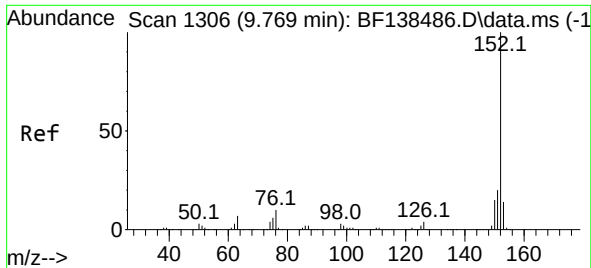
Delta R.T. -0.012 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Tgt Ion: 65 Resp: 176905
 Ion Ratio Lower Upper
 65 100
 92 64.8 52.6 78.8
 138 95.4 78.6 118.0





#49
Acenaphthylene
Concen: 50.977 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

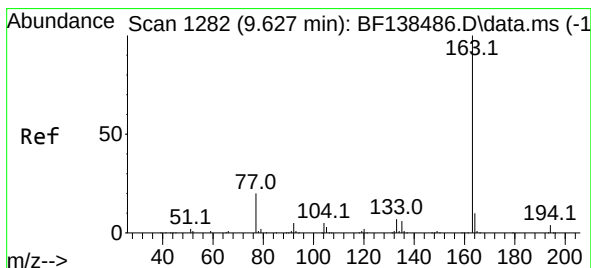
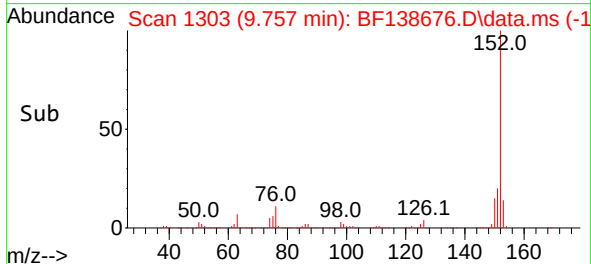
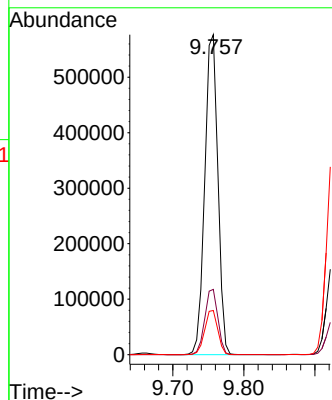
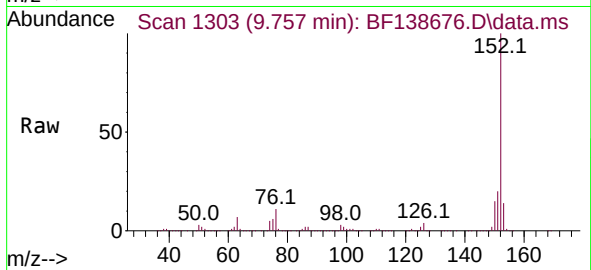
72-11978MS

Tgt Ion:152 Resp: 74397
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.3 16.9

Manual Integrations

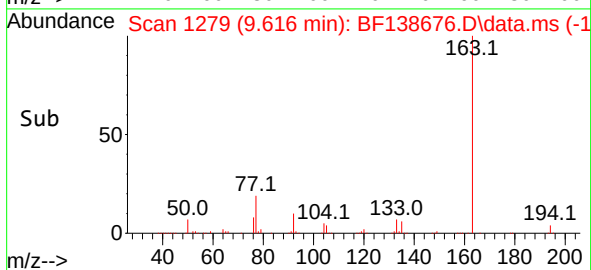
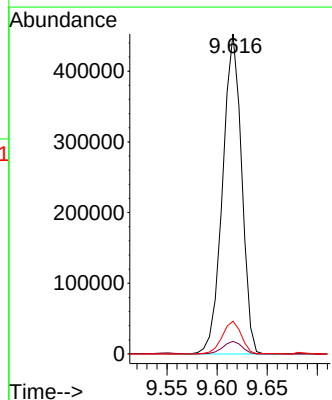
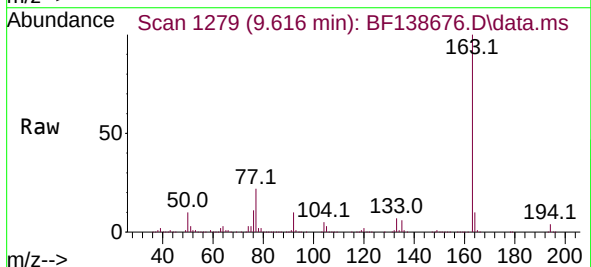
APPROVED

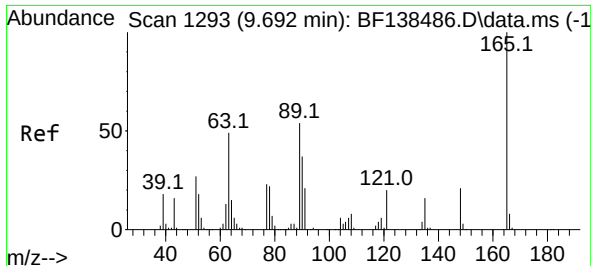
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#50
Dimethylphthalate
Concen: 51.347 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

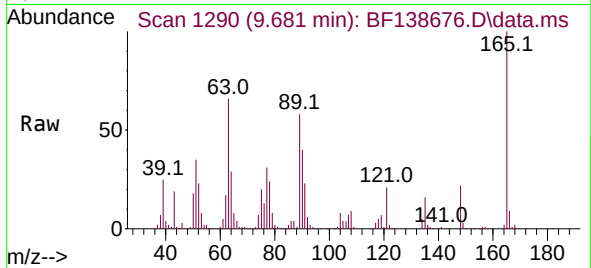
Tgt Ion:163 Resp: 596136
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.079 ng
RT: 9.681 min Scan# 117828
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

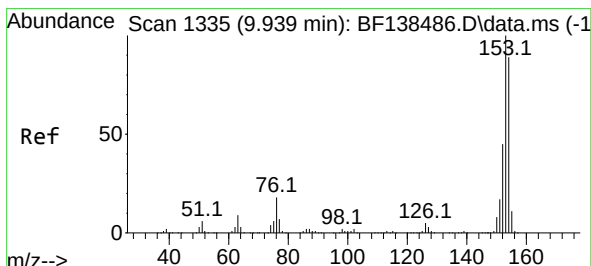
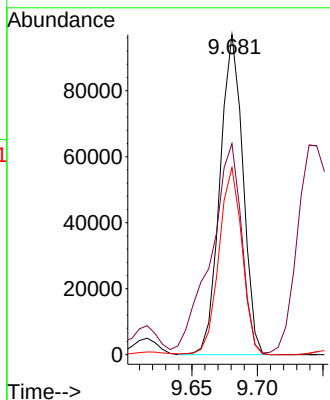
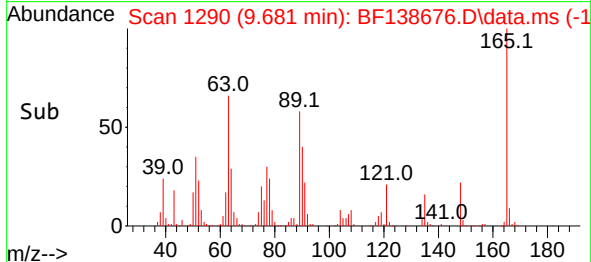
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:165 Resp: 117828
Ion Ratio Lower Upper
165 100
63 65.9 48.1 72.1
89 58.5 43.0 64.6

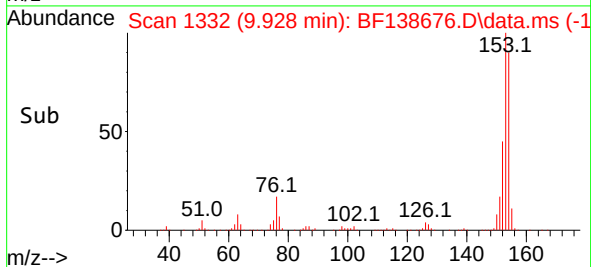
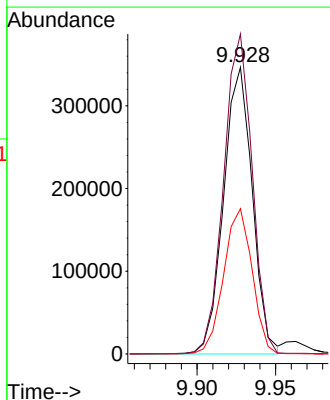
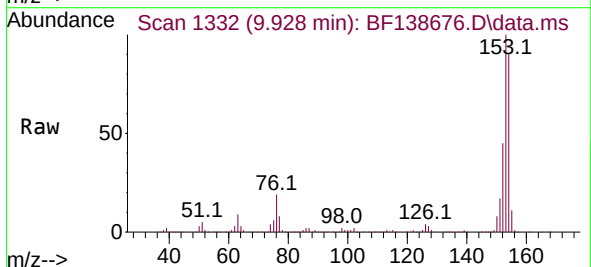
Manual Integrations
APPROVED

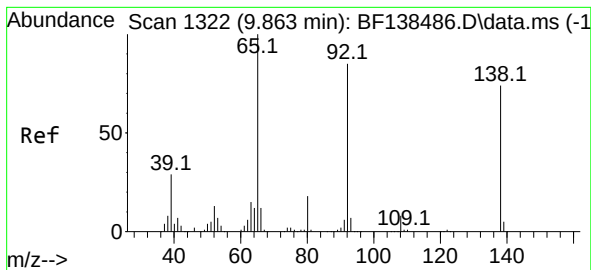
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#52
Acenaphthene
Concen: 45.508 ng m
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:154 Resp: 441480
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 50.7 41.1 61.7





#53

3-Nitroaniline

Concen: 28.903 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

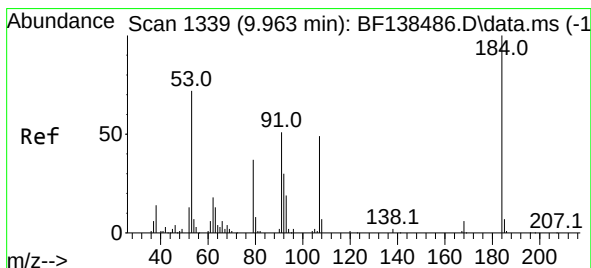
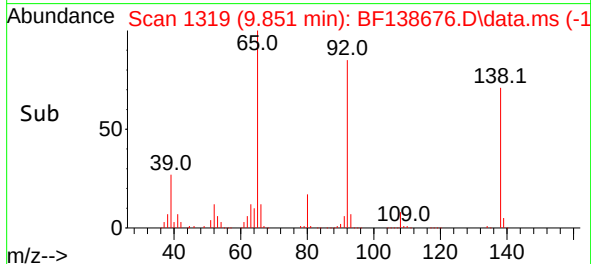
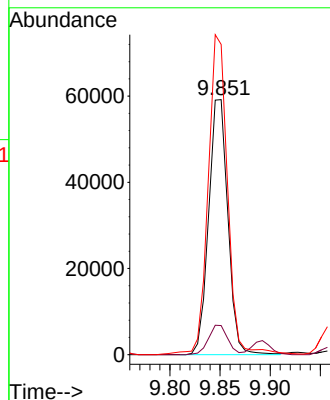
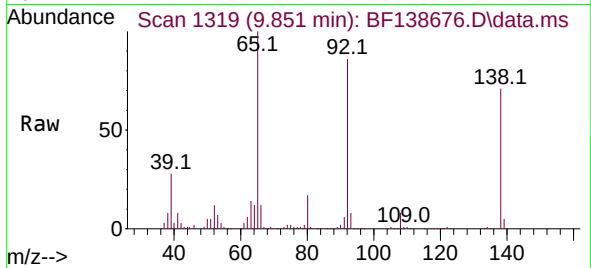
72-11978MS

Tgt Ion:138 Resp: 79188
 Ion Ratio Lower Upper
 138 100
 108 11.4 8.3 12.5
 92 121.6 92.6 138.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



#54

2,4-Dinitrophenol

Concen: 25.800 ng

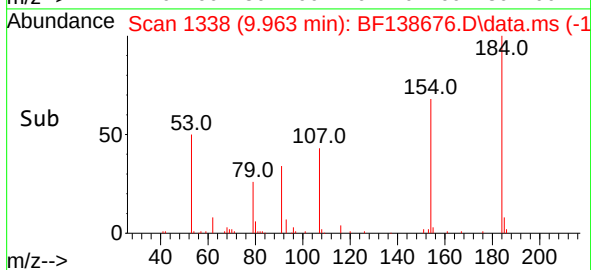
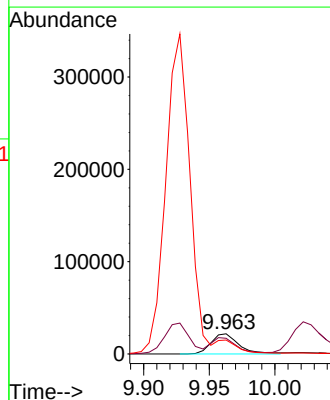
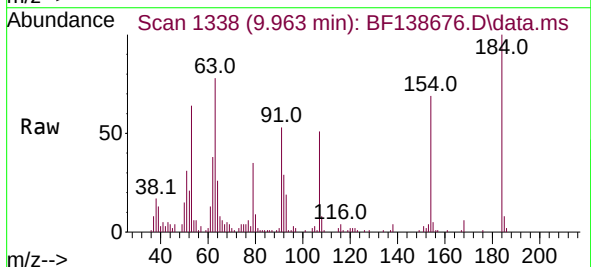
RT: 9.963 min Scan# 1338

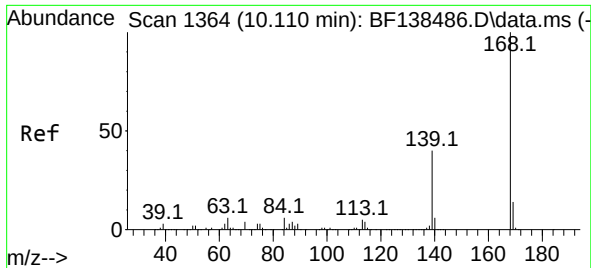
Delta R.T. -0.000 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

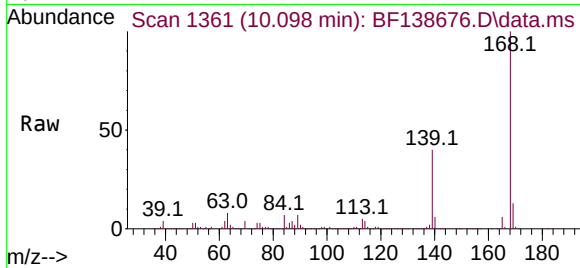
Tgt Ion:184 Resp: 32195
 Ion Ratio Lower Upper
 184 100
 63 77.7 70.6 106.0
 154 68.7 53.8 80.6





#55
Dibenzenofuran
Concen: 42.855 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

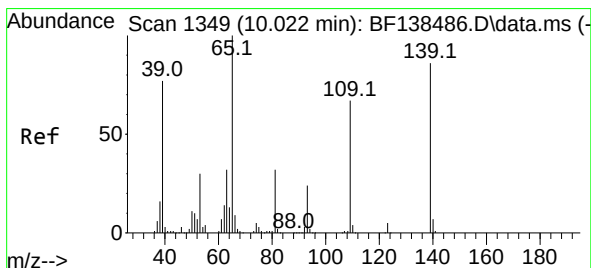
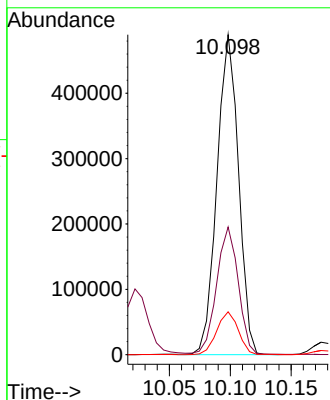
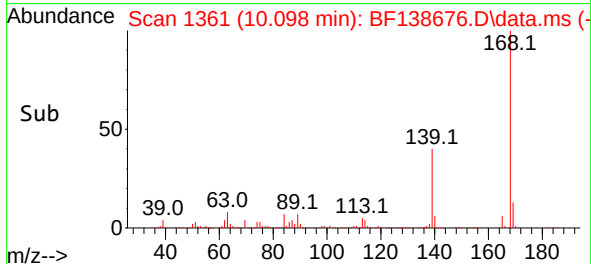
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:168 Resp: 60302
Ion Ratio Lower Upper
168 100
139 39.9 32.4 48.6
169 13.4 10.9 16.3

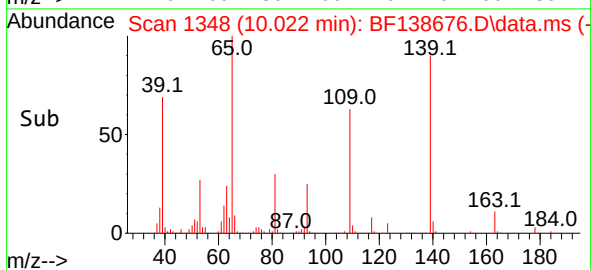
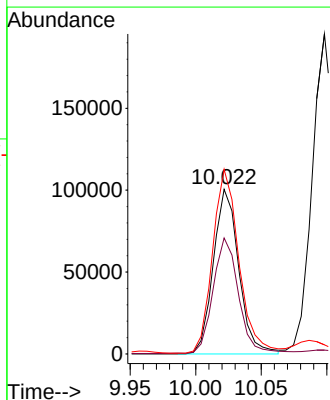
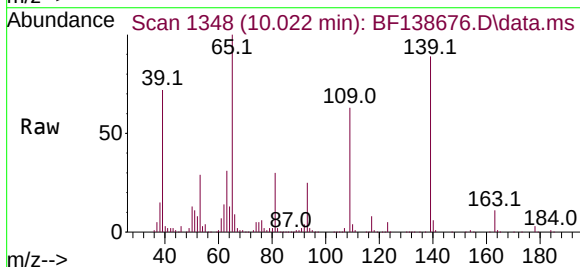
Manual Integrations
APPROVED

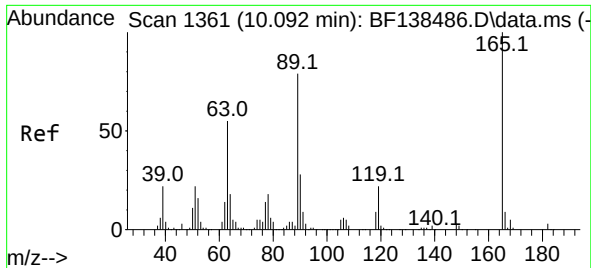
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#56
4-Nitrophenol
Concen: 67.060 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:139 Resp: 135566
Ion Ratio Lower Upper
139 100
109 70.4 58.1 98.1
65 112.1 96.9 136.9





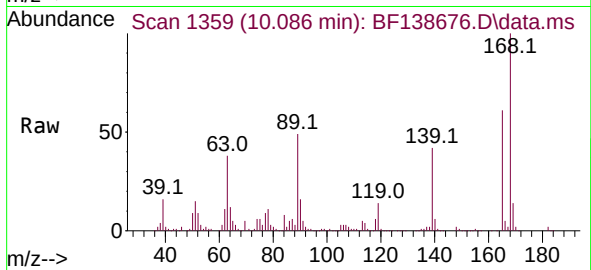
#57
2,4-Dinitrotoluene
Concen: 38.565 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

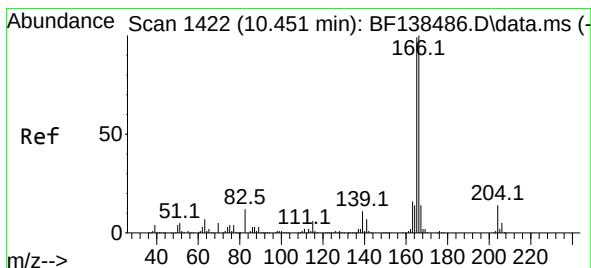
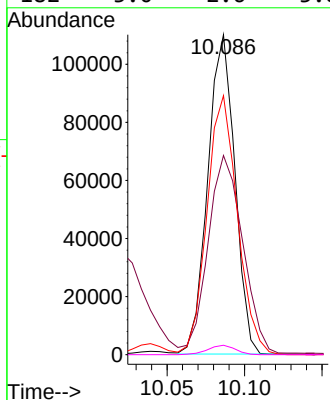
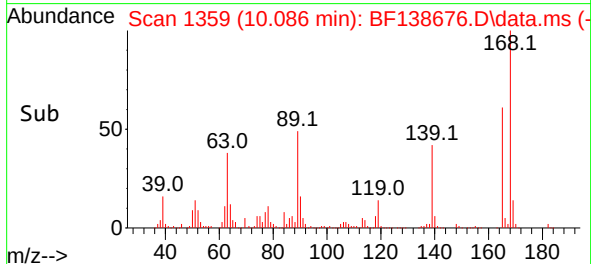


Tgt Ion:165 Resp: 133384
Ion Ratio Lower Upper
165 100
63 62.2 44.6 66.8
89 81.0 63.4 95.2
182 3.0 2.6 3.8

Manual Integrations

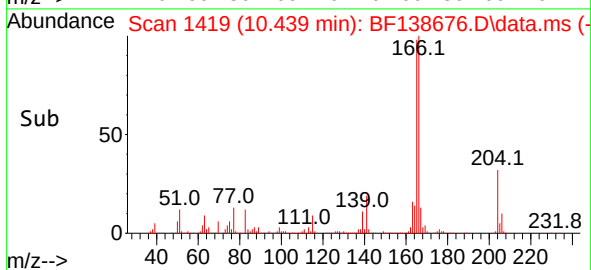
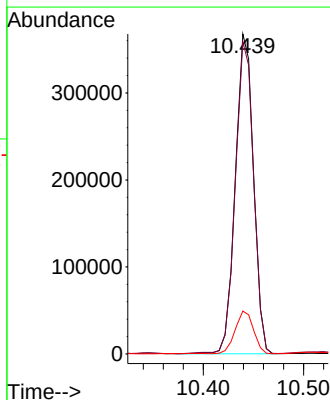
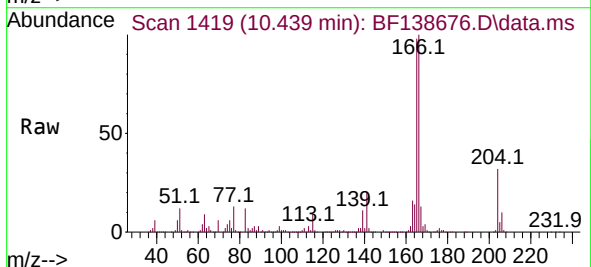
APPROVED

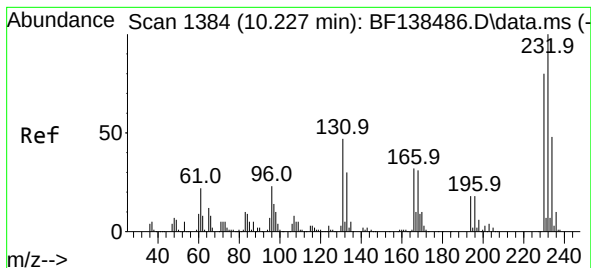
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#58
Fluorene
Concen: 41.641 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

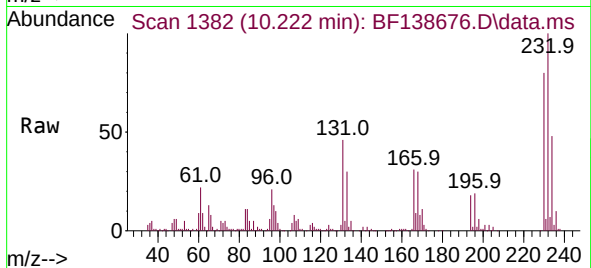
Tgt Ion:166 Resp: 463631
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.118 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

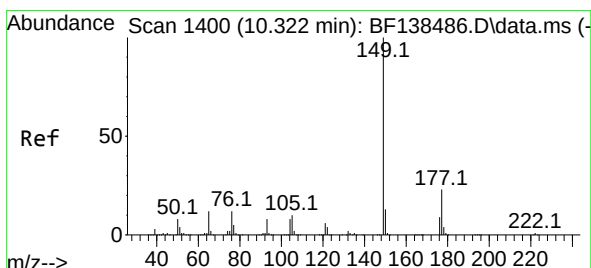
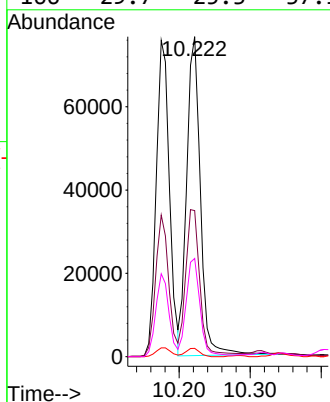
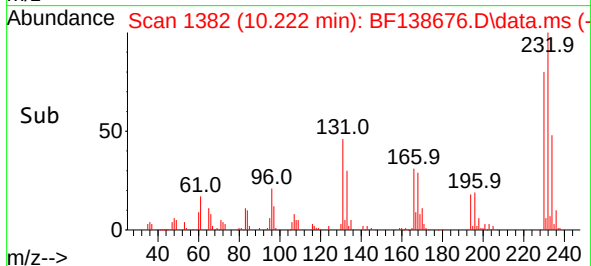
Instrument :
BNA_F
ClientSampleId :
72-11978MS



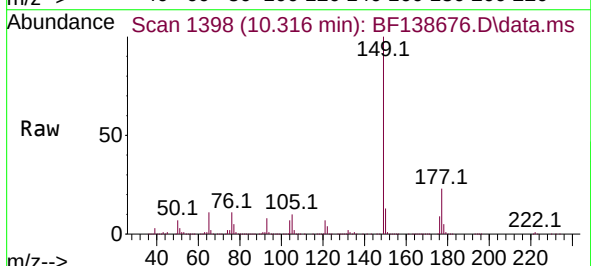
Tgt Ion:232 Resp: 10284
Ion Ratio Lower Upper
232 100
131 45.2 37.5 56.3
130 2.7 2.0 3.0
166 29.7 25.3 37.9

Manual Integrations
APPROVED

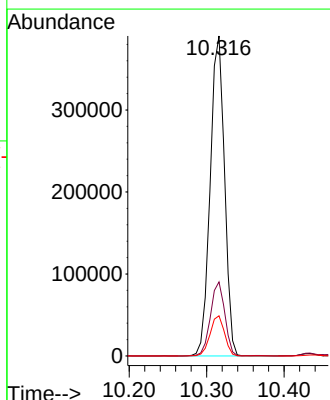
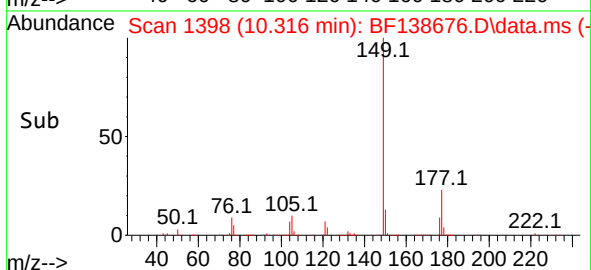
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

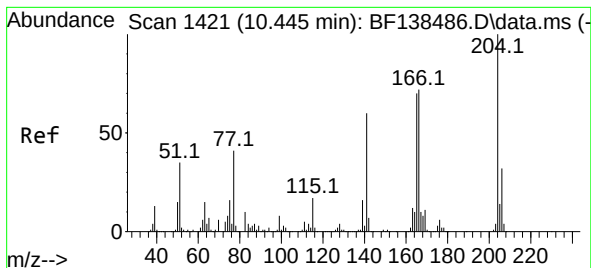


#60
Diethylphthalate
Concen: 44.837 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



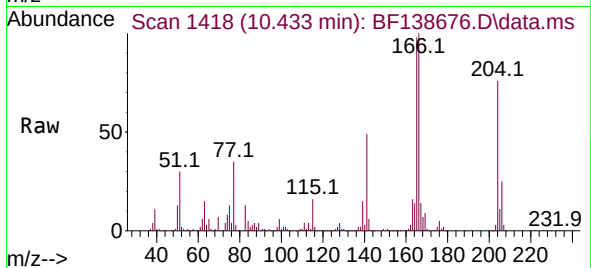
Tgt Ion:149 Resp: 501829
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.468 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

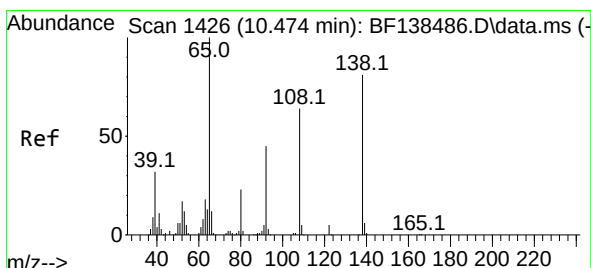
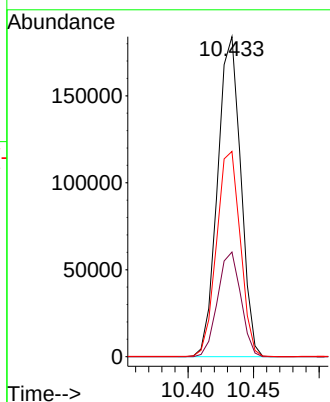
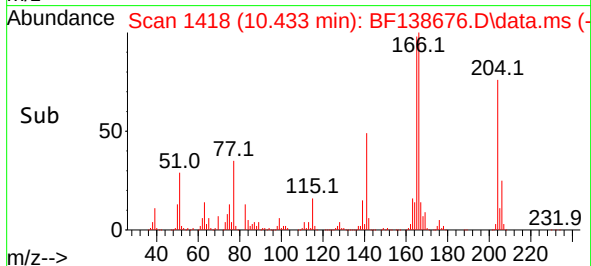
Instrument :
BNA_F
ClientSampleId :
72-11978MS



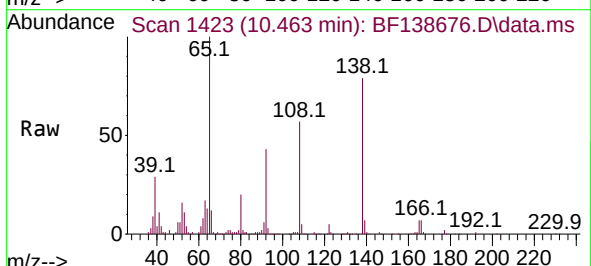
Tgt Ion:204 Resp: 226248
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 64.1 47.7 71.5

Manual Integrations
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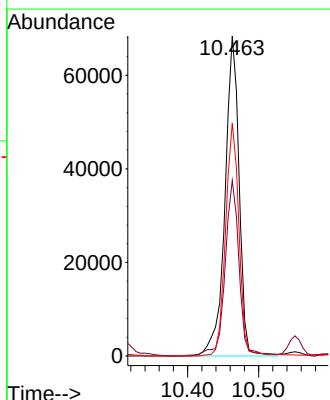
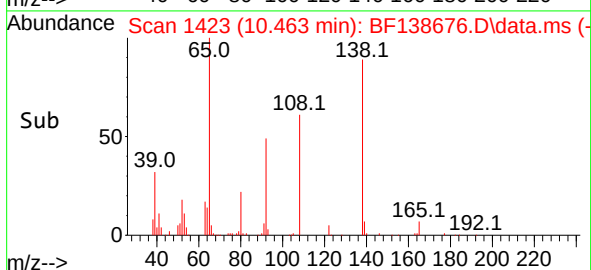
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

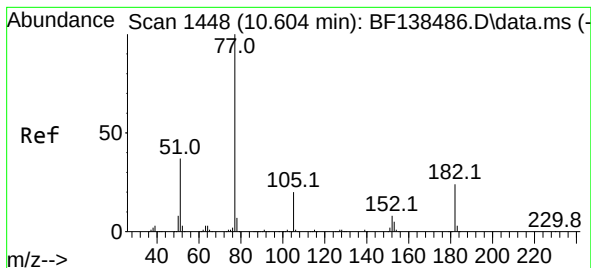


#62
4-Nitroaniline
Concen: 34.499 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



Tgt Ion:138 Resp: 94716
Ion Ratio Lower Upper
138 100
92 54.9 35.8 75.8
108 72.8 59.8 99.8





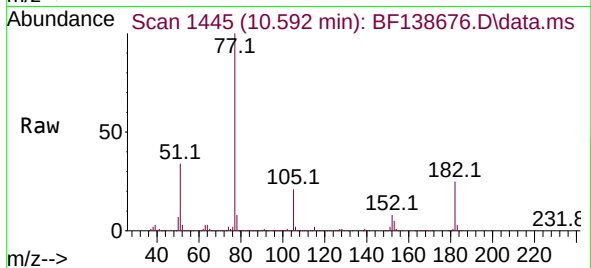
#63
Azobenzene
Concen: 43.186 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

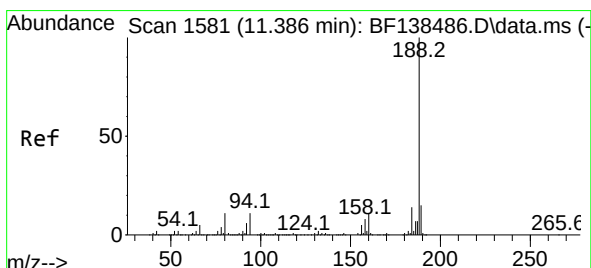
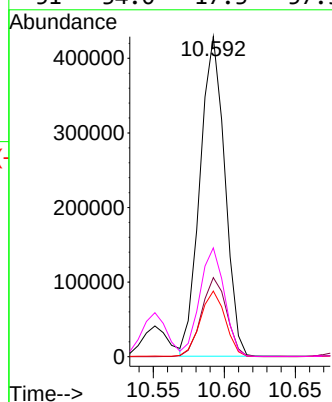
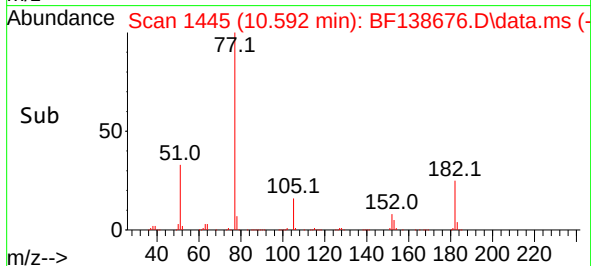


Tgt Ion: 77 Resp: 519672
Ion Ratio Lower Upper
77 100
182 24.7 3.8 43.8
105 20.5 0.0 39.8
51 34.0 17.3 57.3

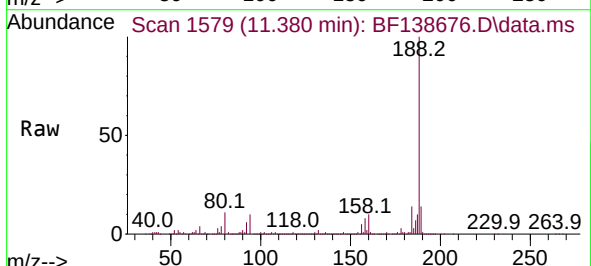
Manual Integrations

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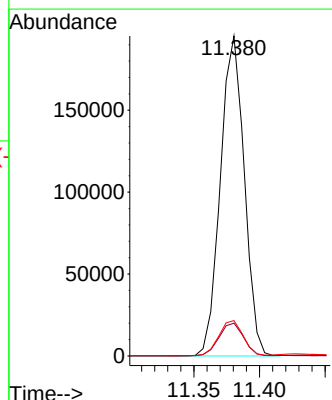
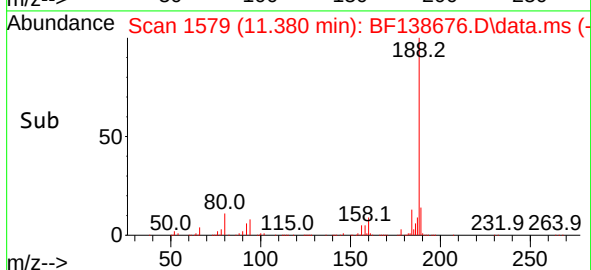
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

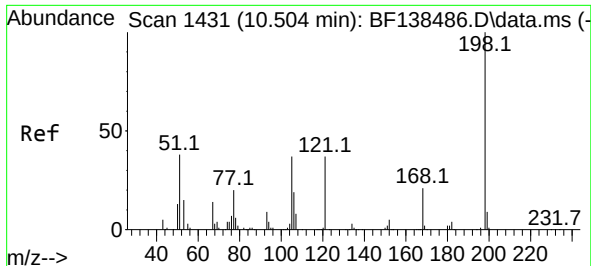


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



Tgt Ion:188 Resp: 247357
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.0 9.0 13.4





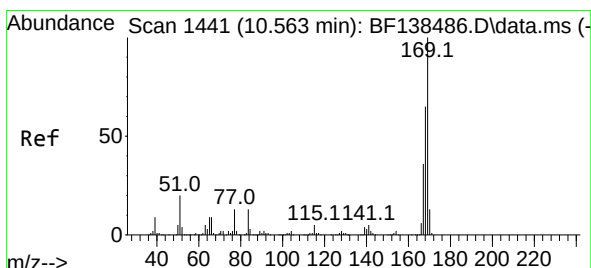
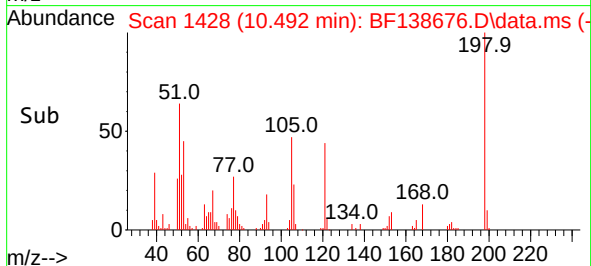
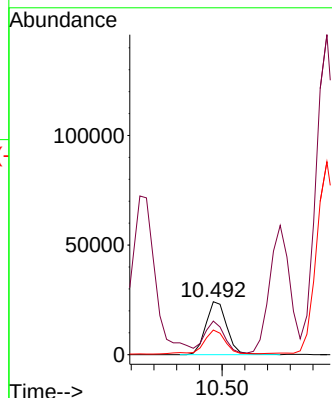
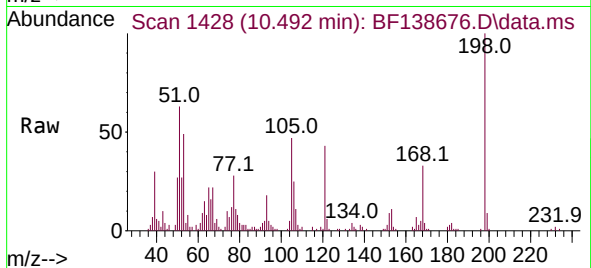
#65
4,6-Dinitro-2-methylphenol
Concen: 21.701 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:198 Resp: 30994
Ion Ratio Lower Upper
198 100
51 63.4 27.2 67.2
105 46.6 18.5 58.5

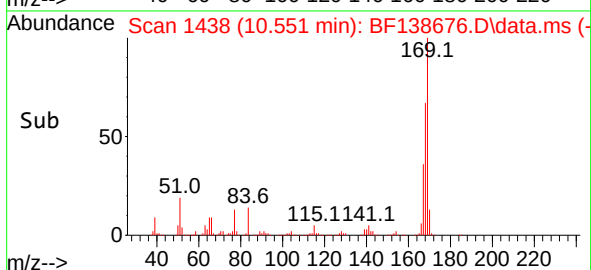
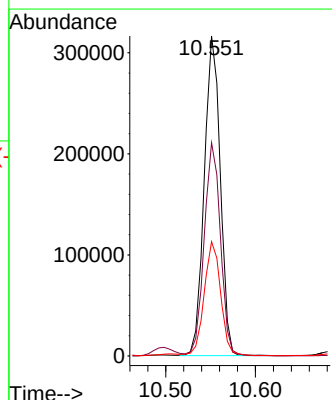
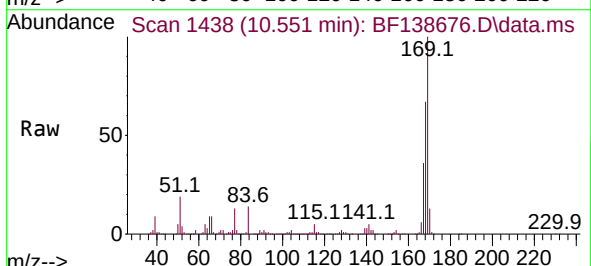
Manual Integrations
APPROVED

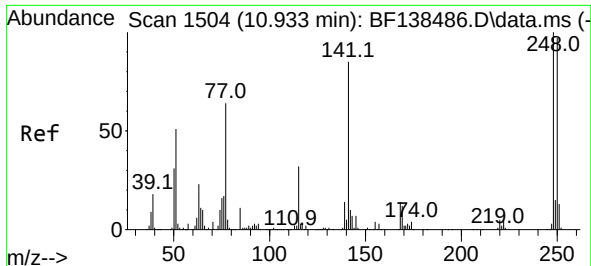
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#66
n-Nitrosodiphenylamine
Concen: 52.954 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:169 Resp: 392442
Ion Ratio Lower Upper
169 100
168 66.7 51.7 77.5
167 35.7 28.5 42.7





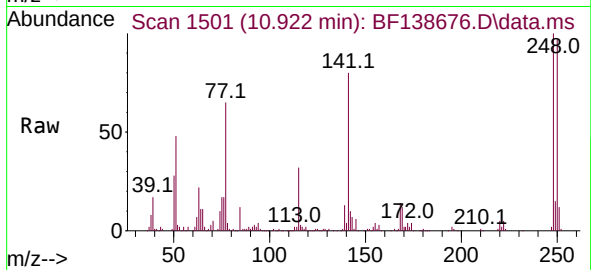
#67
4-Bromophenyl-phenylether
Concen: 50.212 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

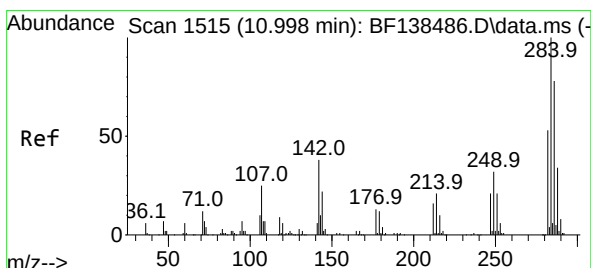
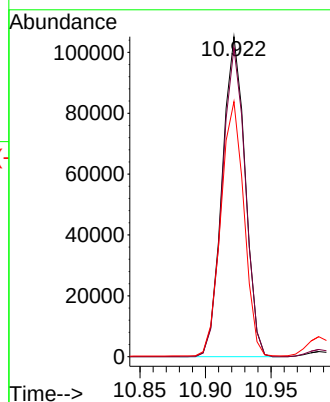
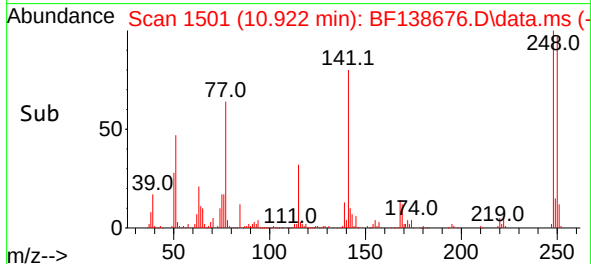


Tgt Ion:248 Resp: 127658
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 79.7 67.7 101.5

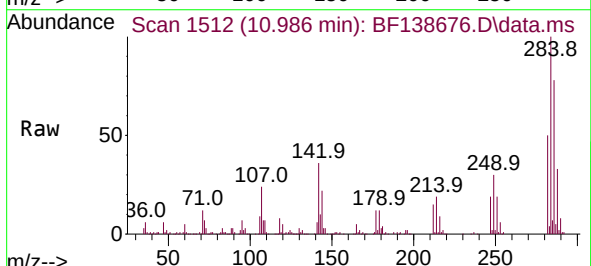
Manual Integrations

APPROVED

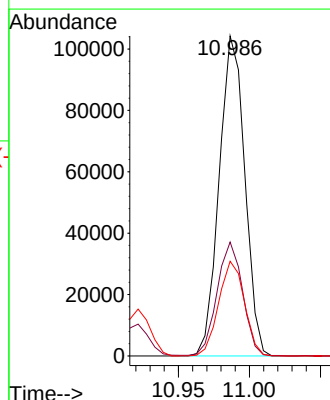
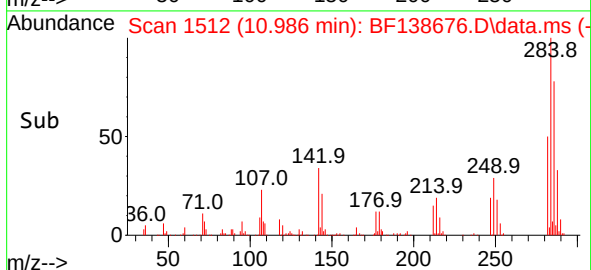
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

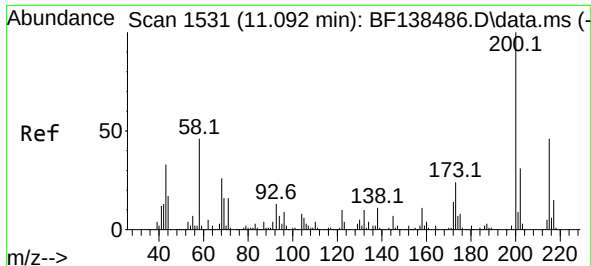


#68
Hexachlorobenzene
Concen: 46.256 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



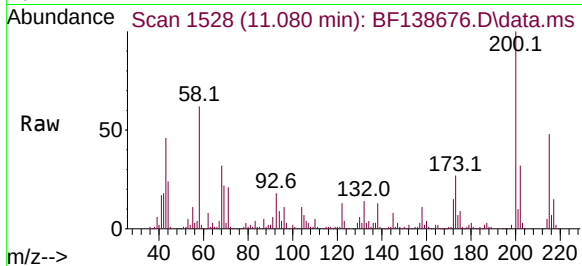
Tgt Ion:284 Resp: 130645
Ion Ratio Lower Upper
284 100
142 35.6 30.5 45.7
249 29.6 25.9 38.9





#69
 Atrazine
 Concen: 42.817 ng
 RT: 11.080 min Scan# 11080
 Delta R.T. -0.012 min
 Lab File: BF138676.D
 Acq: 29 Jul 2024 18:45

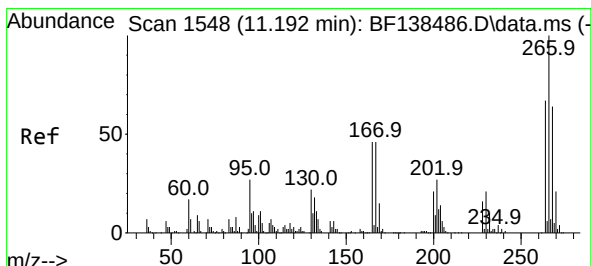
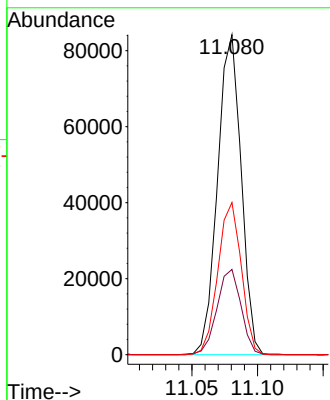
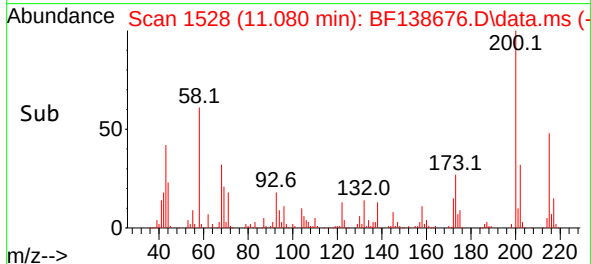
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MS



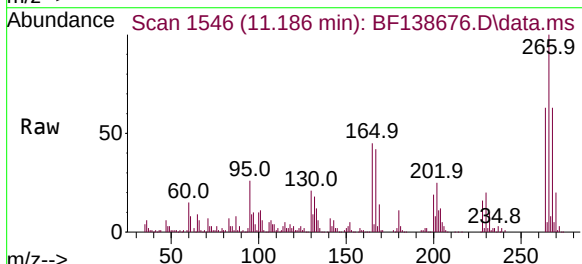
Tgt Ion:200 Resp: 105204
 Ion Ratio Lower Upper
 200 100
 173 26.7 4.1 44.1
 215 47.6 26.5 66.5

Manual Integrations
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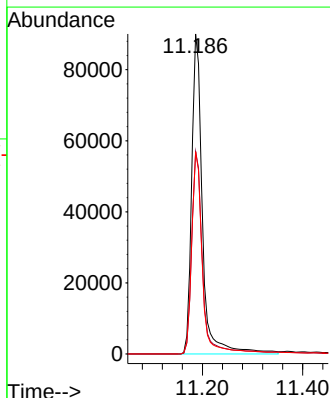
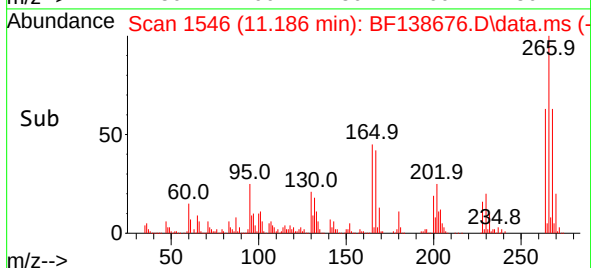
Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

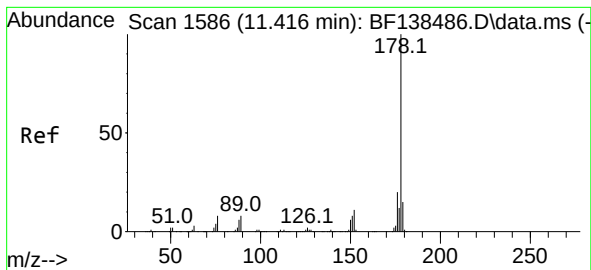


#70
 Pentachlorophenol
 Concen: 80.391 ng
 RT: 11.186 min Scan# 1546
 Delta R.T. -0.006 min
 Lab File: BF138676.D
 Acq: 29 Jul 2024 18:45



Tgt Ion:266 Resp: 134354
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.9 76.3
 264 63.2 53.5 80.3





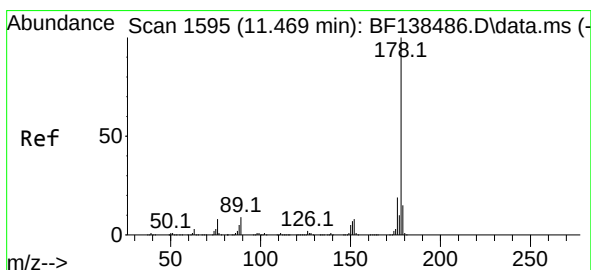
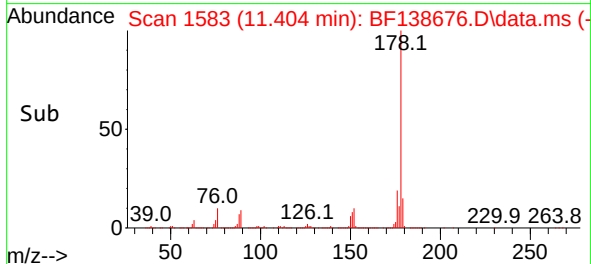
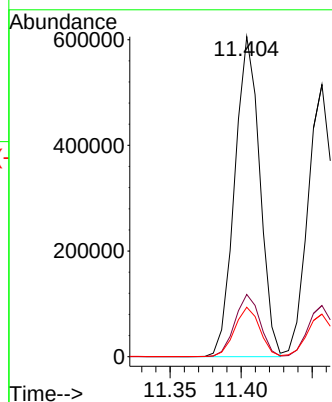
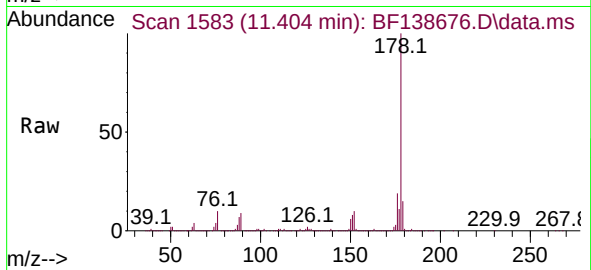
#71
Phenanthrene
Concen: 59.570 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:178 Resp: 744429
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.5 12.2 18.2

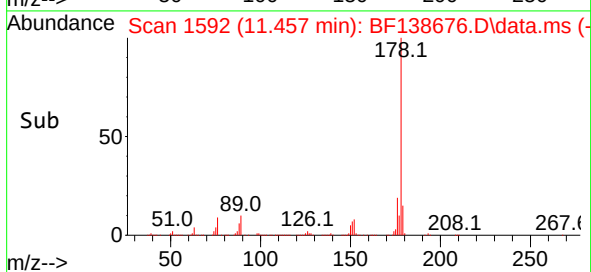
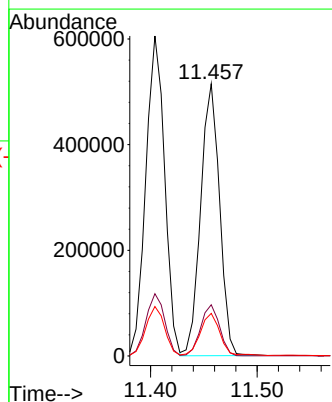
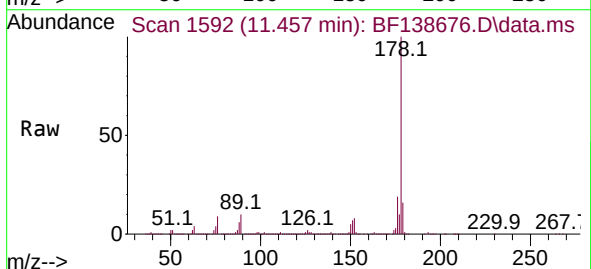
Manual Integrations
APPROVED

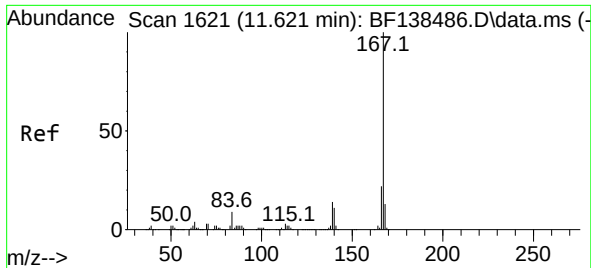
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#72
Anthracene
Concen: 51.326 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

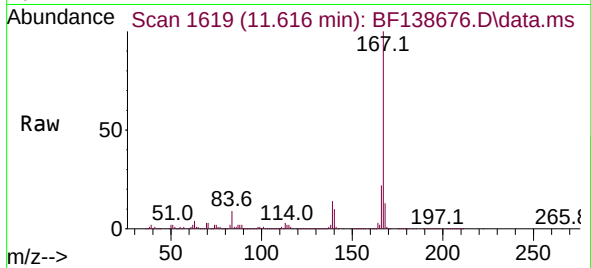
Tgt Ion:178 Resp: 636699
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 47.644 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138676.D
 Acq: 29 Jul 2024 18:45

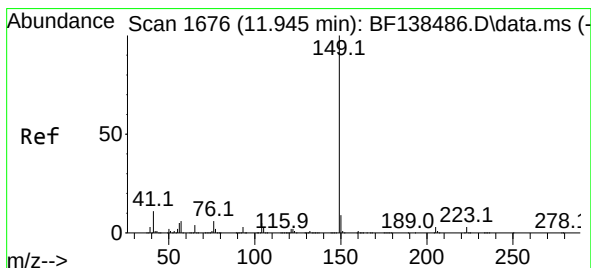
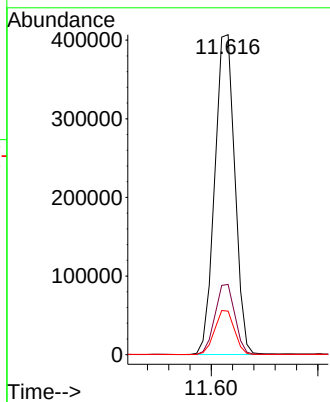
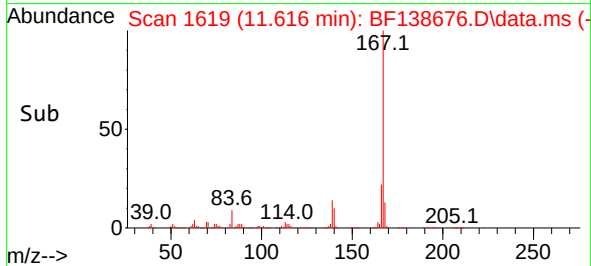
Instrument :
 BNA_F
 ClientSampleId :
 72-11978MS



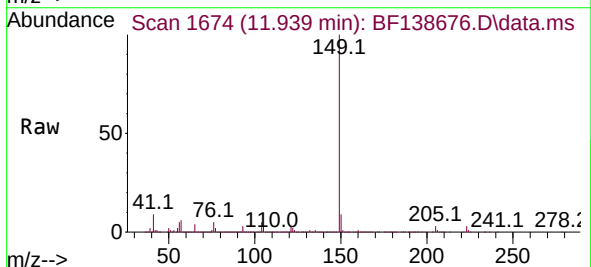
Tgt Ion:167 Resp: 531135
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.6 11.0 16.4

Manual Integrations
 APPROVED

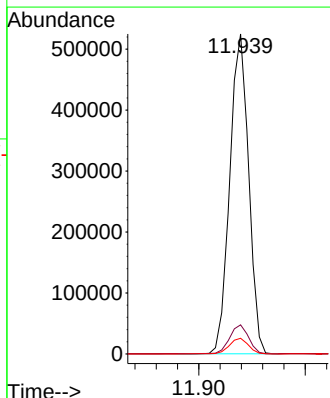
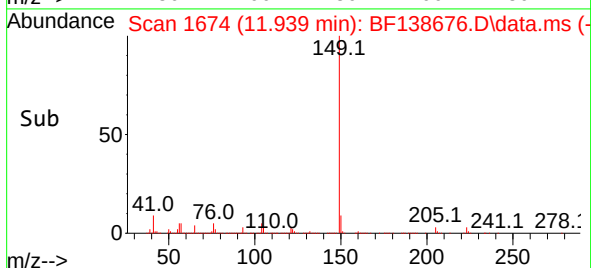
Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

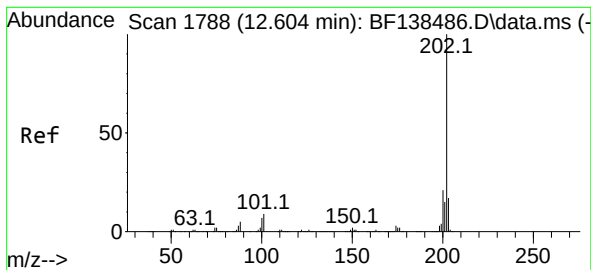


#74
 Di-n-butylphthalate
 Concen: 50.198 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138676.D
 Acq: 29 Jul 2024 18:45



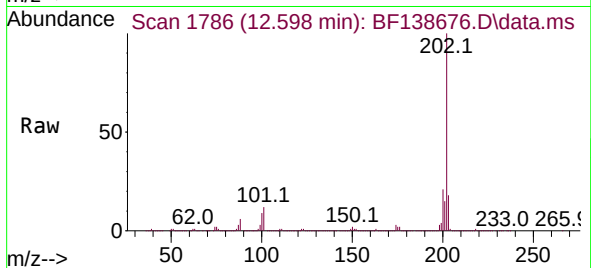
Tgt Ion:149 Resp: 645044
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 90.514 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

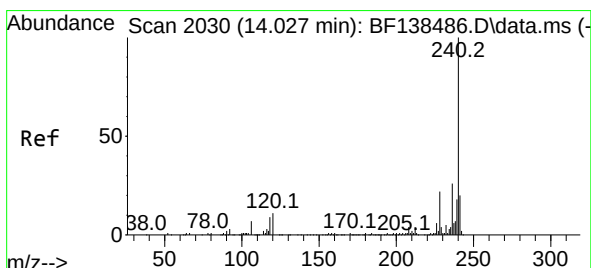
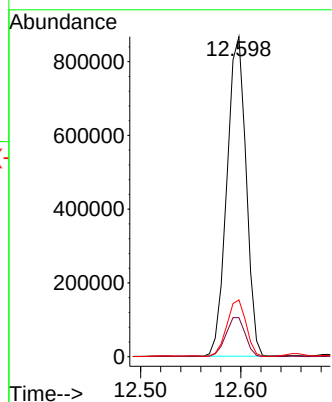
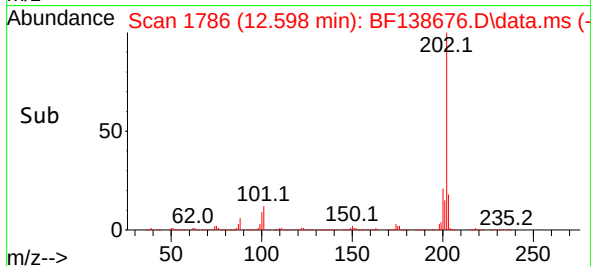
Instrument :
BNA_F
ClientSampleId :
72-11978MS



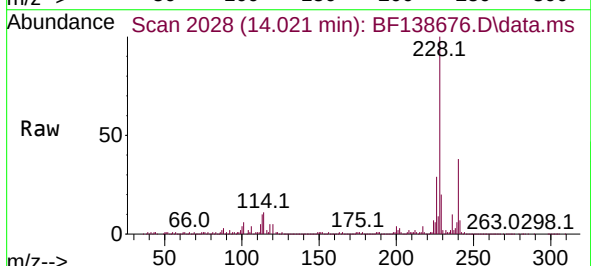
Tgt Ion:202 Resp: 115419
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.2
203 17.8 0.0 37.3

Manual Integrations
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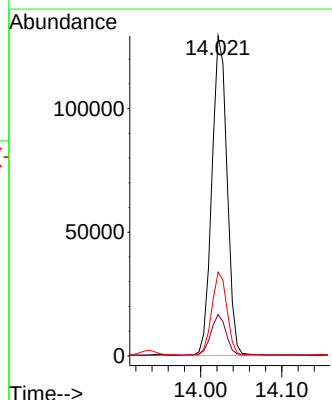
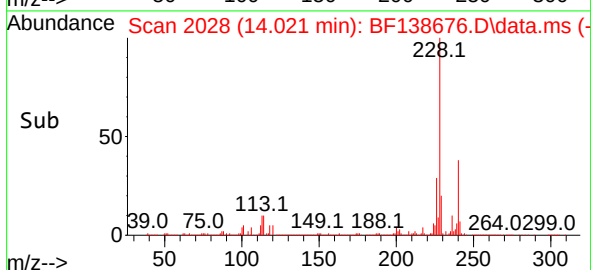
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

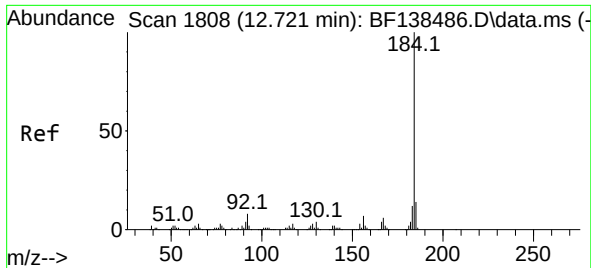


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



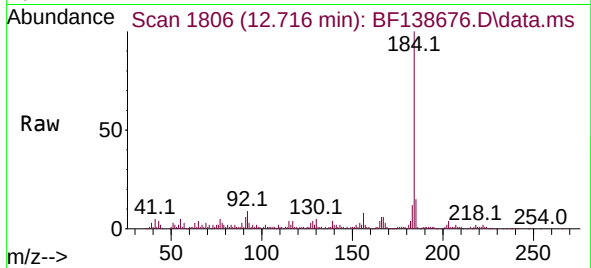
Tgt Ion:240 Resp: 167702
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 26.2 21.0 31.6





#77
Benzidine
Concen: 21.201 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

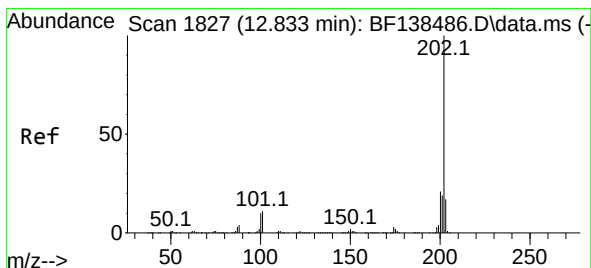
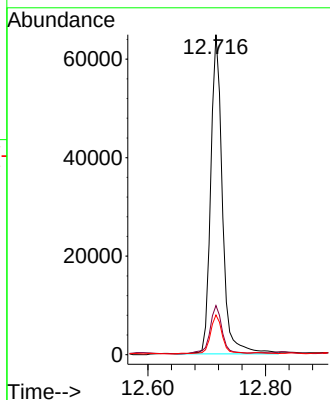
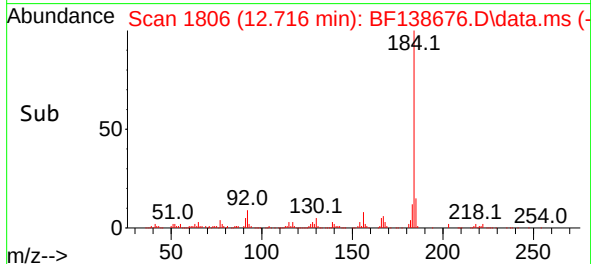
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:184 Resp: 8970
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 12.4 9.5 14.3

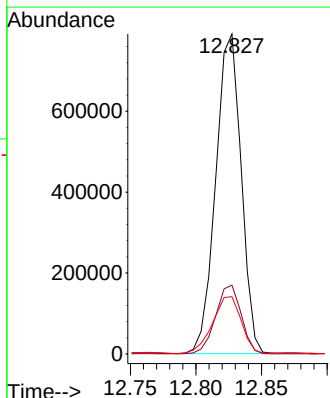
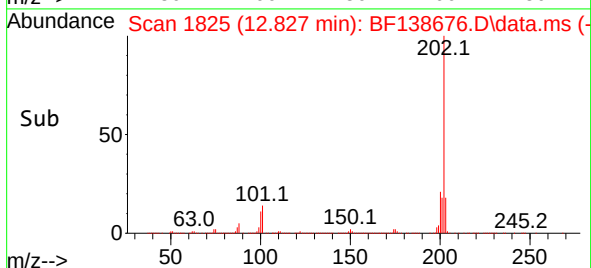
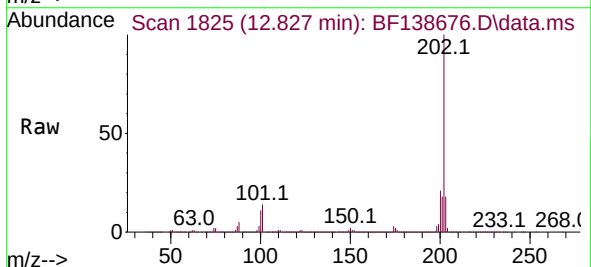
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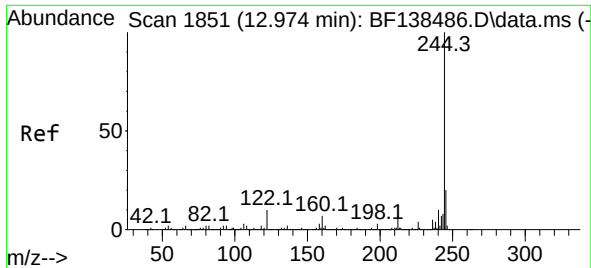
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#78
Pyrene
Concen: 62.720 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:202 Resp: 1067749
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.9 13.7 20.5





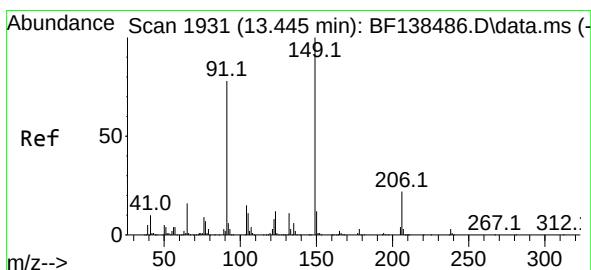
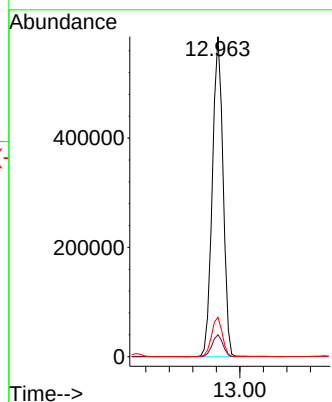
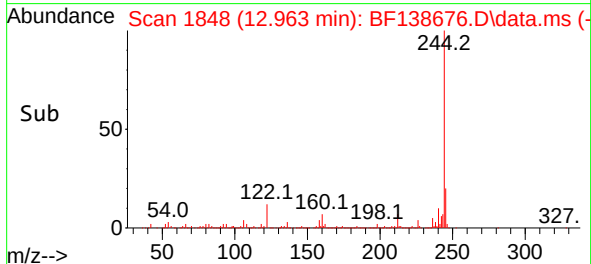
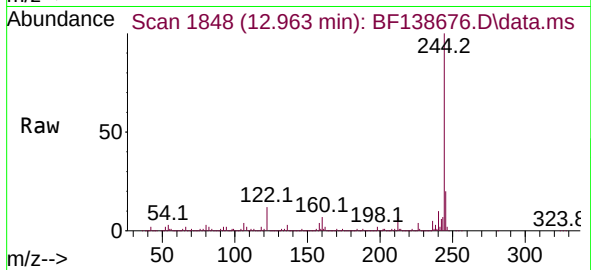
#79
Terphenyl-d14
Concen: 72.121 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:244 Resp: 742411
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 12.3 7.8 11.8

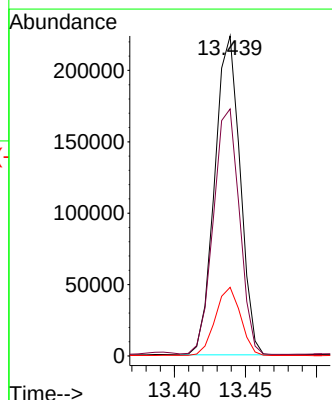
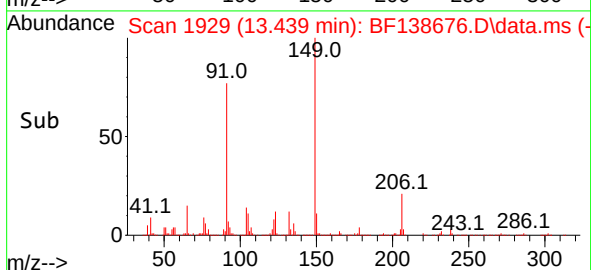
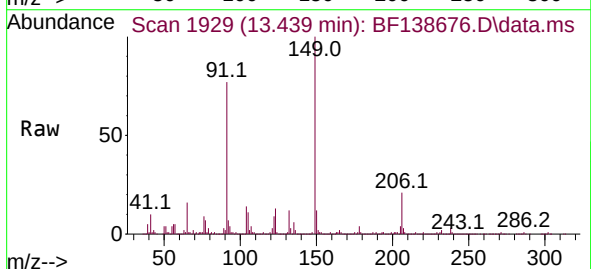
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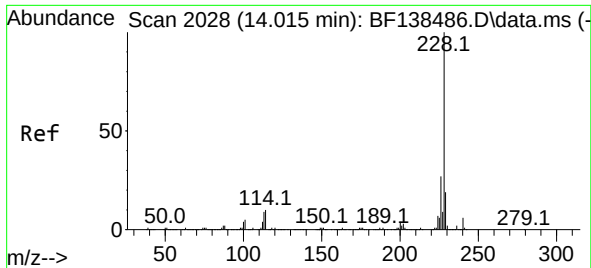
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#80
Butylbenzylphthalate
Concen: 54.317 ng
RT: 13.439 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

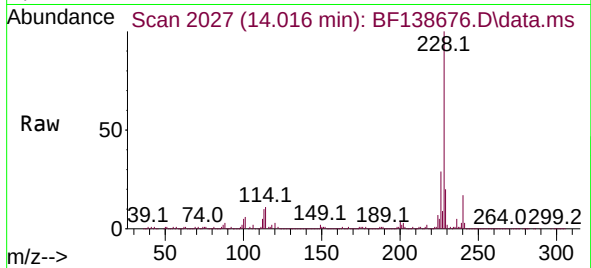
Tgt Ion:149 Resp: 278166
Ion Ratio Lower Upper
149 100
91 77.2 62.1 93.1
206 21.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 69.134 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

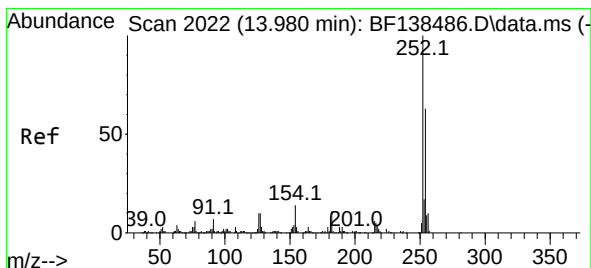
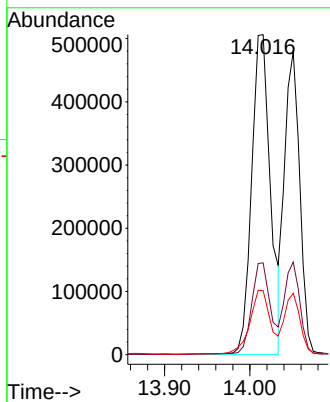
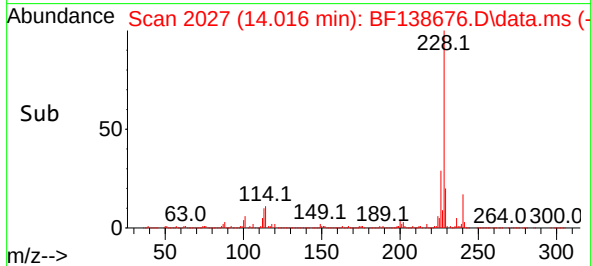
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:228 Resp: 77795
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 20.0 15.5 23.3

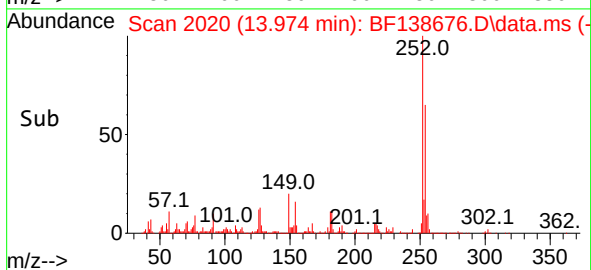
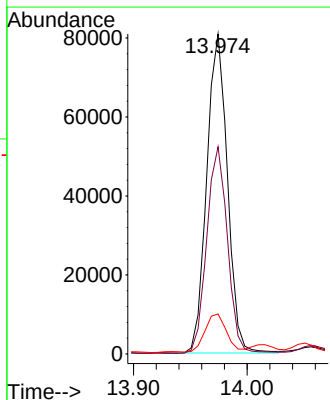
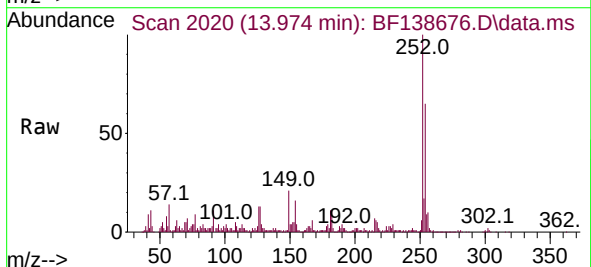
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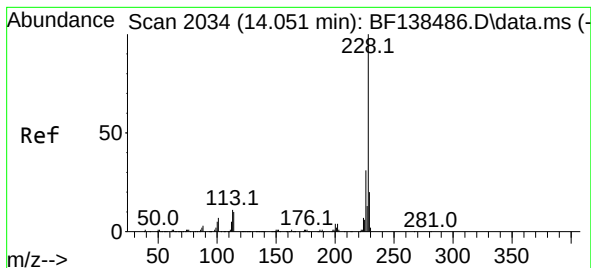
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.270 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:252 Resp: 102269
Ion Ratio Lower Upper
252 100
254 64.7 50.3 75.5
126 12.5 8.1 12.1#





#83

Chrysene

Concen: 55.467 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

Instrument :

BNA_F

ClientSampleId :

72-11978MS

Tgt Ion:228 Resp: 59046

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

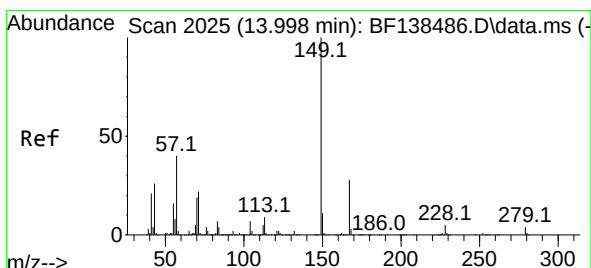
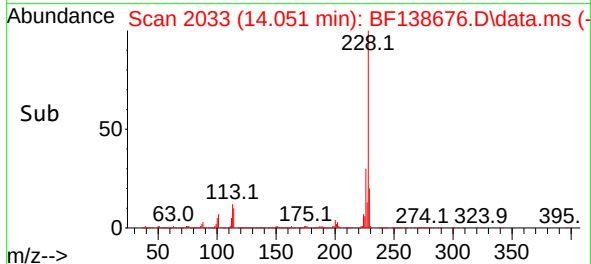
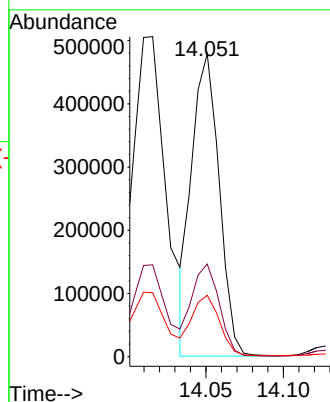
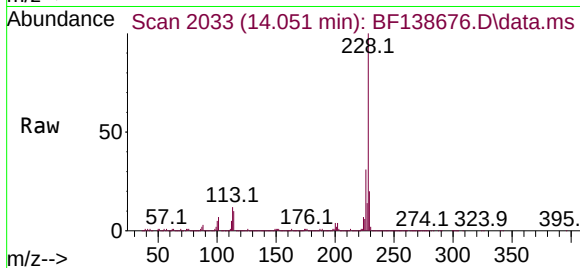
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024

Supervised By :mohammad ahmed 07/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.657 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF138676.D

Acq: 29 Jul 2024 18:45

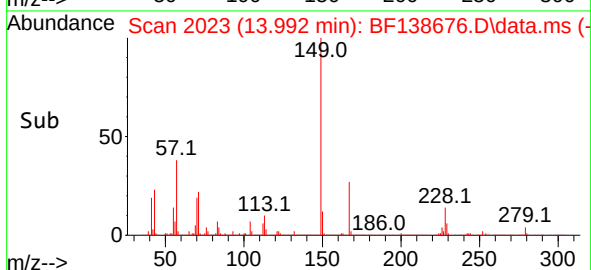
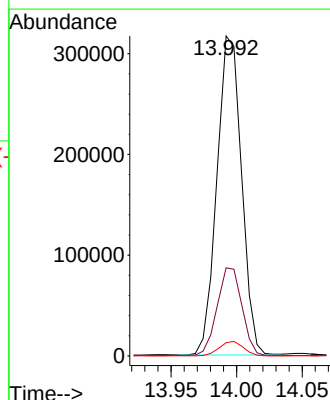
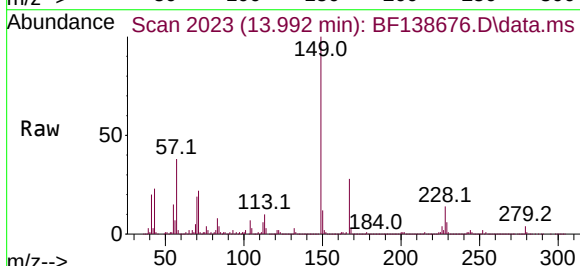
Tgt Ion:149 Resp: 413224

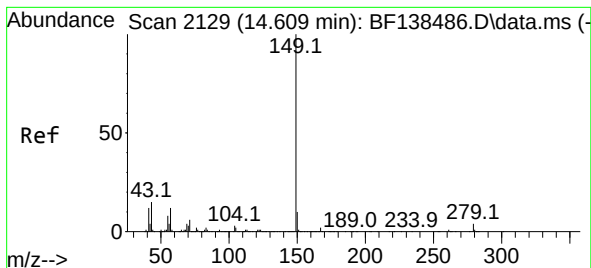
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

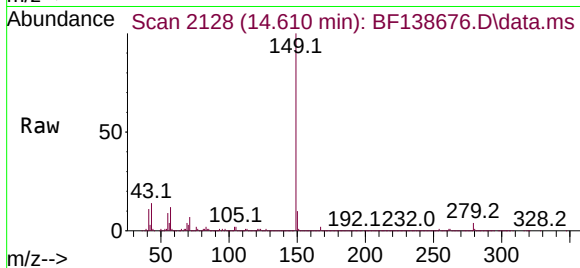
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 64.970 ng m
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

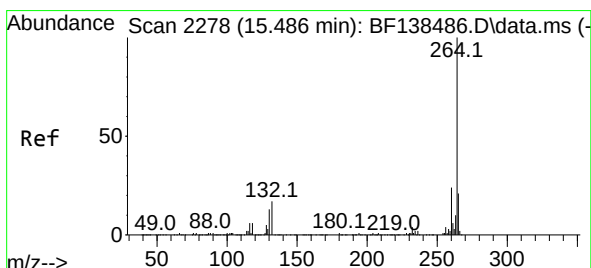
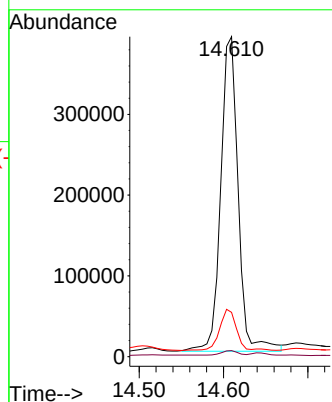
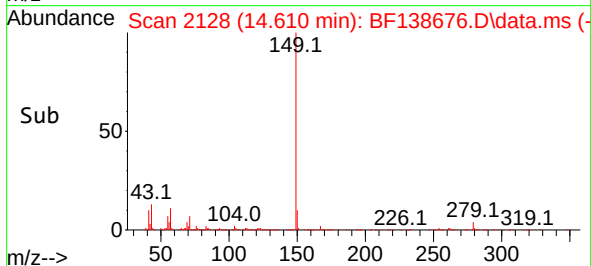
Instrument :
BNA_F
ClientSampleId :
72-11978MS



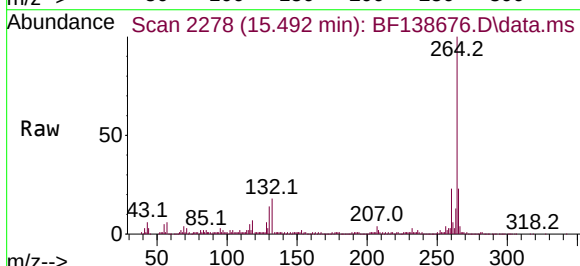
Tgt Ion:149 Resp: 56058
Ion Ratio Lower Upper
149 100
167 1.3 1.3 1.9
43 12.1 10.7 16.1

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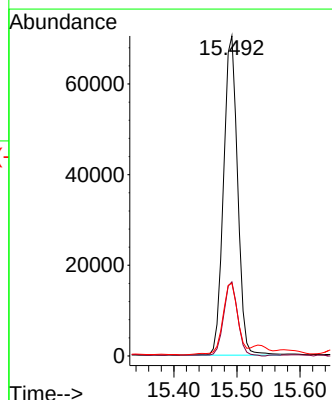
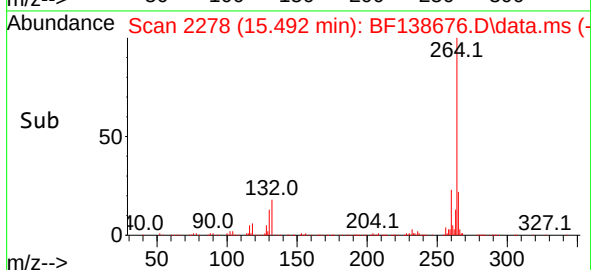
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

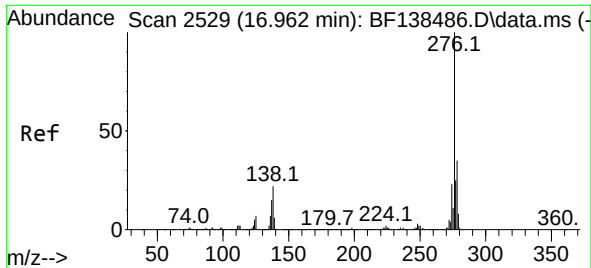


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45



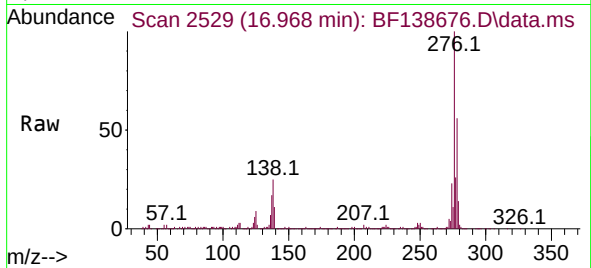
Tgt Ion:264 Resp: 108927
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 22.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.802 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

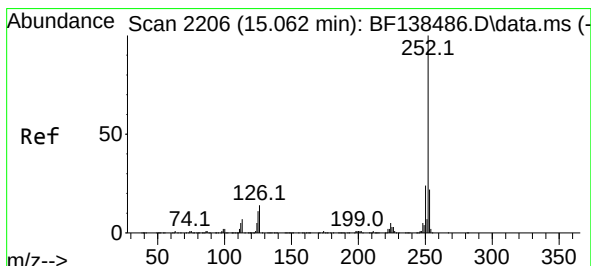
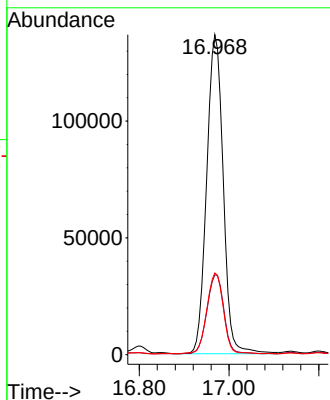
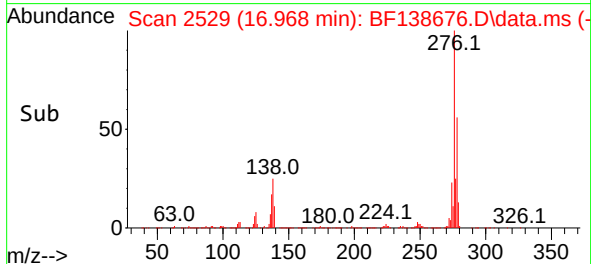
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:276 Resp: 34975
Ion Ratio Lower Upper
276 100
138 25.4 19.6 29.4
277 25.2 20.5 30.7

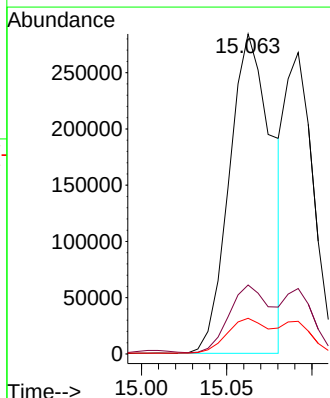
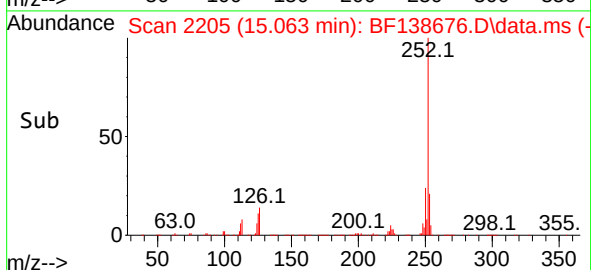
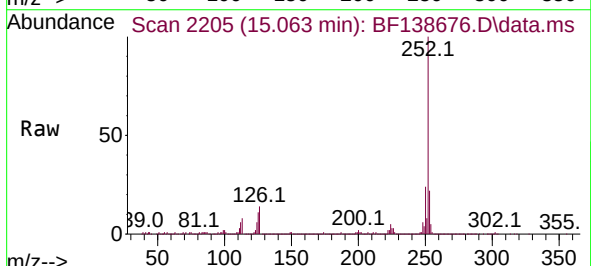
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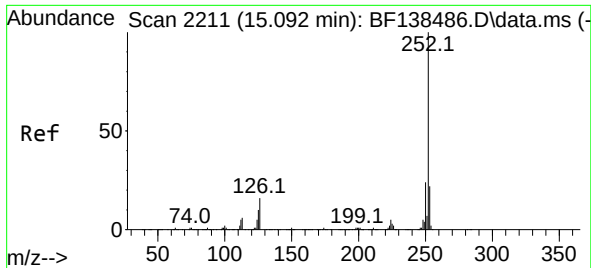
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#88
Benzo(b)fluoranthene
Concen: 80.259 ng
RT: 15.063 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

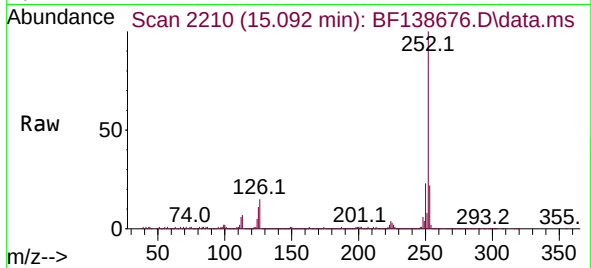
Tgt Ion:252 Resp: 492347
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.1 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 50.476 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

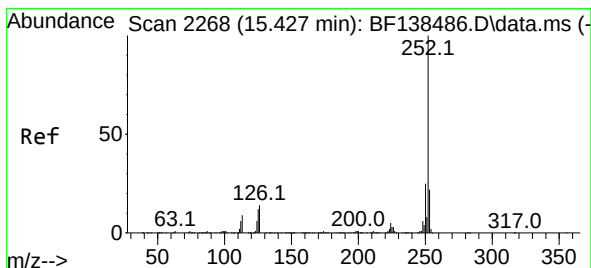
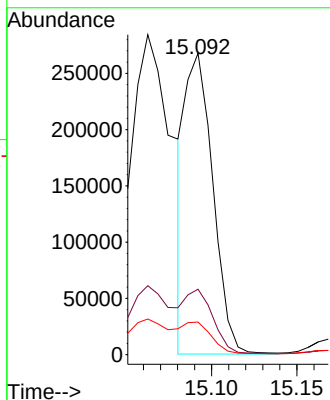
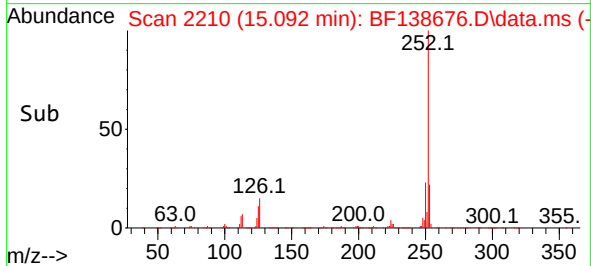
Instrument :
BNA_F
ClientSampleId :
72-11978MS



Tgt Ion:252 Resp: 30199
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.8 8.1 12.1

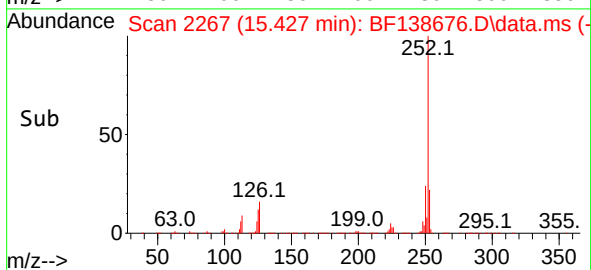
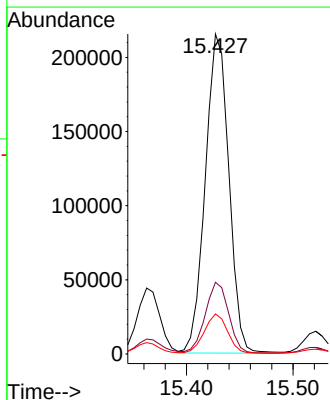
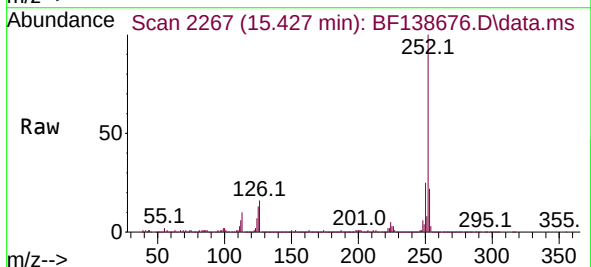
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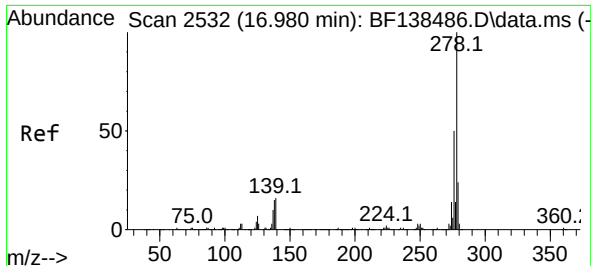
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#90
Benzo(a)pyrene
Concen: 61.423 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:252 Resp: 331002
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 12.5 9.4 14.2





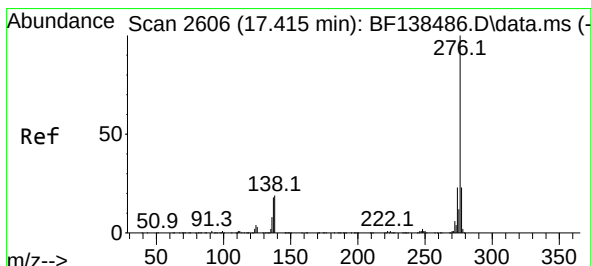
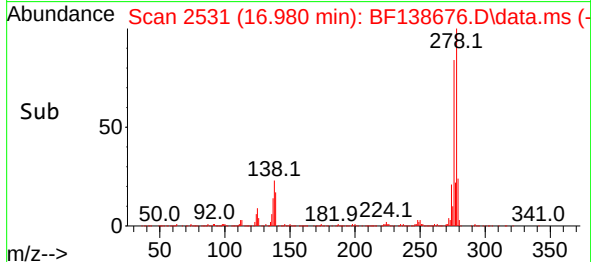
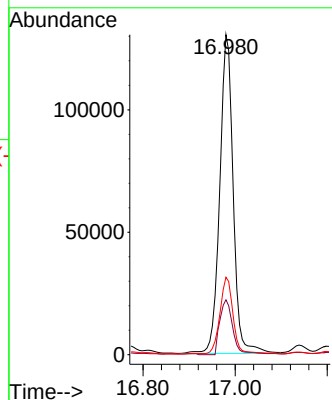
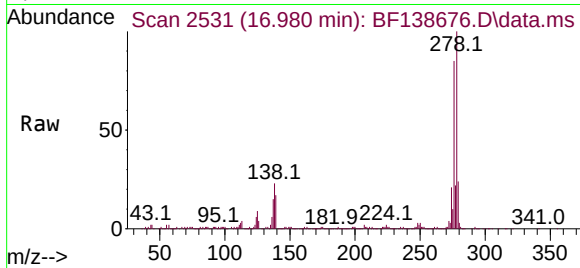
#91
Dibenzo(a,h)anthracene
Concen: 44.040 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Tgt Ion:278 Resp: 26358
Ion Ratio Lower Upper
278 100
139 17.2 12.8 19.2
279 24.2 19.1 28.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#92
Benzo(g,h,i)perylene
Concen: 43.612 ng
RT: 17.415 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF138676.D
Acq: 29 Jul 2024 18:45

Tgt Ion:276 Resp: 276782
Ion Ratio Lower Upper
276 100
277 23.0 18.0 27.0
138 23.0 15.5 23.3

