

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138626.D
 Acq On : 23 Jul 2024 19:06
 Operator : RC/JU
 Sample : P3302-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:15:06 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	76110	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	307390	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	157764	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	218173	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	121691	20.000	ng	-0.02
86) Perylene-d12	15.468	264	111117	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	545388	113.489	ng	0.00
7) Phenol-d6	6.498	99	754751	118.060	ng	0.00
23) Nitrobenzene-d5	7.422	82	480111	76.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	150989	102.403	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	800558	79.308	ng	-0.02
79) Terphenyl-d14	12.951	244	532093	71.233	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	98075	46.079	ng	96
3) Pyridine	3.463	79	259028	49.350	ng	96
4) n-Nitrosodimethylamine	3.434	42	187328	54.825	ng	91
6) Aniline	6.516	93	168480	28.137	ng	# 1
8) 2-Chlorophenol	6.645	128	292356	57.534	ng	99
9) Benzaldehyde	6.404	77	24987	7.302	ng	97
10) Phenol	6.510	94	373253	55.005	ng	94
11) bis(2-Chloroethyl)ether	6.592	93	289311	56.627	ng	98
12) 1,3-Dichlorobenzene	6.792	146	298409	52.244	ng	97
13) 1,4-Dichlorobenzene	6.869	146	300508	51.809	ng	98
14) 1,2-Dichlorobenzene	7.022	146	288187	53.346	ng	96
15) Benzyl Alcohol	6.998	79	279092	58.171	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	506293	50.392	ng	78
17) 2-Methylphenol	7.116	107	229962	55.219	ng	# 91
18) Hexachloroethane	7.363	117	113869	53.401	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	220497	55.819	ng	95
20) 3+4-Methylphenols	7.269	107	291855	55.652	ng	90
22) Acetophenone	7.263	105	373945	50.089	ng	# 99
24) Nitrobenzene	7.439	77	332035	52.188	ng	97
25) Isophorone	7.681	82	597420	55.565	ng	99
26) 2-Nitrophenol	7.757	139	154172	56.537	ng	97
27) 2,4-Dimethylphenol	7.792	122	195735m	58.402	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	356430	55.470	ng	98
29) 2,4-Dichlorophenol	7.998	162	229302	52.686	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	248625	49.038	ng	98
31) Naphthalene	8.157	128	836761	52.341	ng	99
32) Benzoic acid	7.934	122	136669	42.755	ng	97
33) 4-Chloroaniline	8.210	127	60840	10.846	ng	98
34) Hexachlorobutadiene	8.269	225	147295	47.178	ng	100
35) Caprolactam	8.586	113	68456m	48.743	ng	
36) 4-Chloro-3-methylphenol	8.698	107	259038	53.164	ng	99
37) 2-Methylnaphthalene	8.851	142	525277	51.058	ng	99
38) 1-Methylnaphthalene	8.945	142	483993	48.204	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	218276	49.642	ng	99
41) Hexachlorocyclopentadiene	8.998	237	139632	97.838	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	147402	52.554	ng	100

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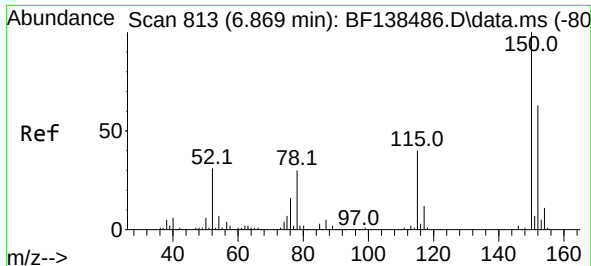
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	152740	49.512	ng	95
46) 1,1'-Biphenyl	9.316	154	605237	50.622	ng	99
47) 2-Chloronaphthalene	9.339	162	472983	52.366	ng	98
48) 2-Nitroaniline	9.439	65	174872	55.870	ng	96
49) Acenaphthylene	9.757	152	741042	57.787	ng	100
50) Dimethylphthalate	9.616	163	566763	55.558	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122126	51.995	ng	90
52) Acenaphthene	9.927	154	460927	54.073	ng	100
53) 3-Nitroaniline	9.845	138	71801	29.825	ng	88
54) 2,4-Dinitrophenol	9.957	184	96832	77.001	ng	94
55) Dibenzofuran	10.098	168	641277	51.866	ng	99
56) 4-Nitrophenol	10.022	139	148698	83.712	ng	98
57) 2,4-Dinitrotoluene	10.086	165	153131	50.388	ng	91
58) Fluorene	10.439	166	492816	50.374	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	115479	47.432	ng	97
60) Diethylphthalate	10.310	149	531748	54.070	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	244800	49.832	ng	92
62) 4-Nitroaniline	10.463	138	104547	43.338	ng	98
63) Azobenzene	10.592	77	564168	53.357	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	72810	57.797	ng	85
66) n-Nitrosodiphenylamine	10.551	169	426375	65.229	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	137902	61.497	ng	96
68) Hexachlorobenzene	10.986	284	142570	57.231	ng	95
69) Atrazine	11.074	200	119696	55.231	ng	97
70) Pentachlorophenol	11.180	266	128032	86.855	ng	98
71) Phenanthrene	11.398	178	615795	55.868	ng	99
72) Anthracene	11.451	178	615421	56.247	ng	99
73) Carbazole	11.604	167	489658	49.799	ng	99
74) Di-n-butylphthalate	11.933	149	692295	61.082	ng	99
75) Fluoranthene	12.586	202	492220	43.764	ng	97
77) Benzidine	12.704	184	107738	35.091	ng	99
78) Pyrene	12.816	202	491229	39.765	ng	99
80) Butylbenzylphthalate	13.427	149	223321	60.096	ng	96
81) Benzo(a)anthracene	13.998	228	477001	58.417	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	86582	41.150	ng	99
83) Chrysene	14.039	228	409994	53.077	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	296393	74.785	ng	# 99
85) Di-n-octyl phthalate	14.598	149	527869	84.311	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	272823	36.553	ng	99
88) Benzo(b)fluoranthene	15.045	252	442877	70.772	ng	99
89) Benzo(k)fluoranthene	15.074	252	365551	59.895	ng	99
90) Benzo(a)pyrene	15.409	252	331277	60.263	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	221772	36.324	ng	98
92) Benzo(g,h,i)perylene	17.374	276	208584	32.218	ng	97

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



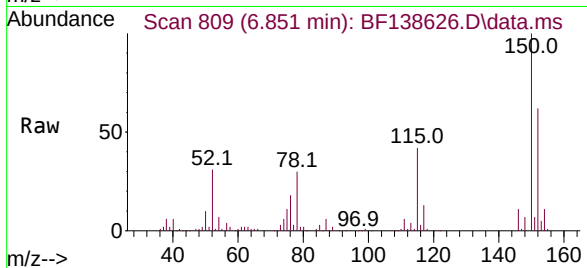
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

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285-290MSD

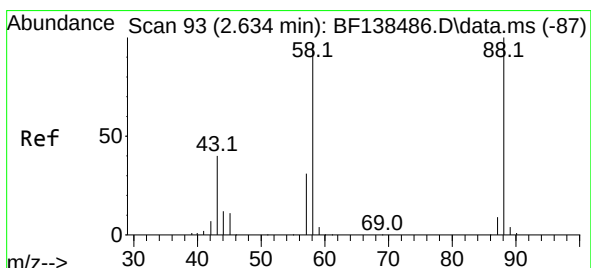
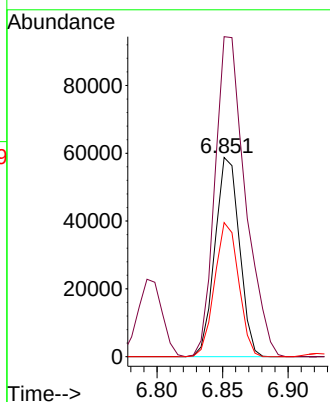
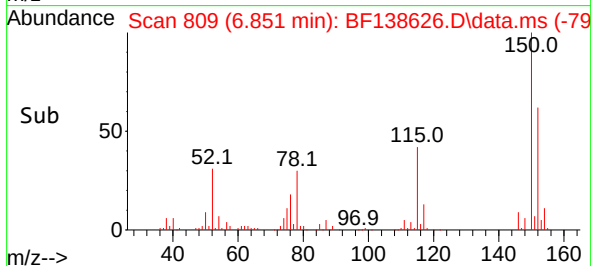


Tgt Ion:152 Resp: 76110
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.4
115 67.3 50.3 75.5

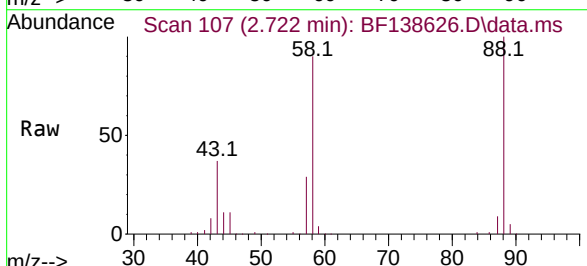
Manual Integrations

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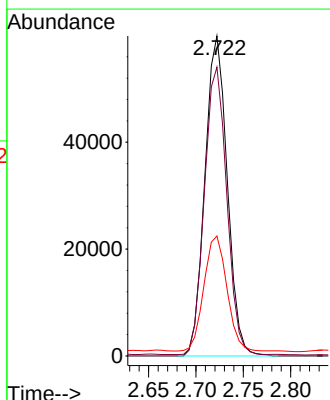
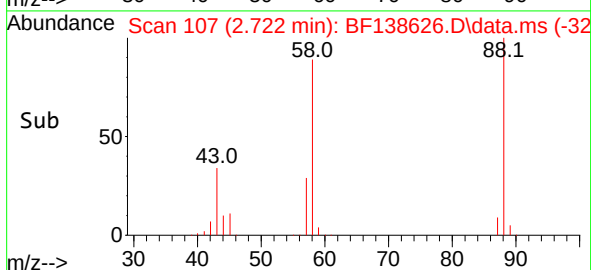
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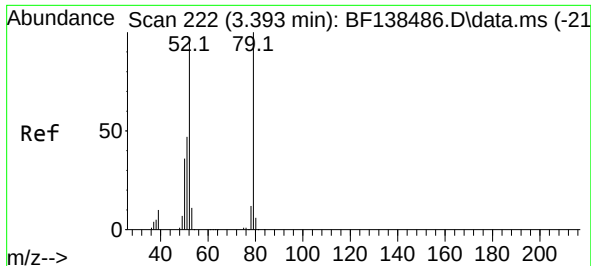


#2
1,4-Dioxane
Concen: 46.079 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.088 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion: 88 Resp: 98075
Ion Ratio Lower Upper
88 100
58 89.6 74.6 112.0
43 37.8 31.8 47.6





#3

Pyridine

Concen: 49.350 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF138626.D

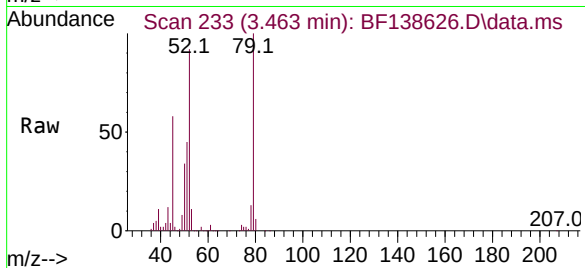
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

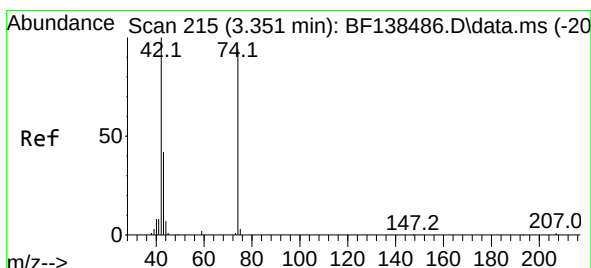
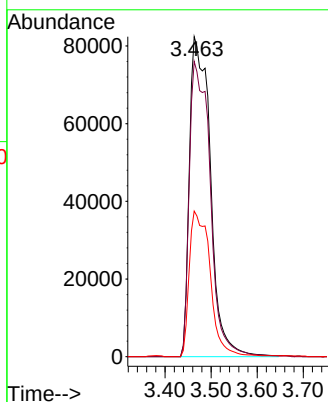
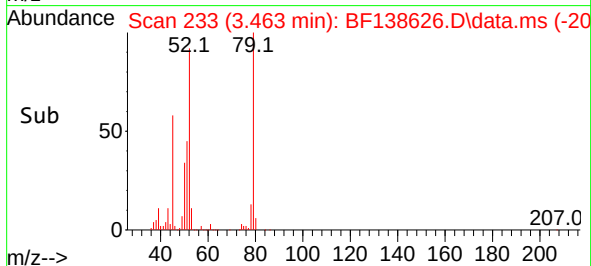


Tgt Ion: 79	Resp: 259028
Ion Ratio	Lower Upper
79	100
52	92.3 77.4 116.2
51	45.5 37.4 56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 54.825 ng

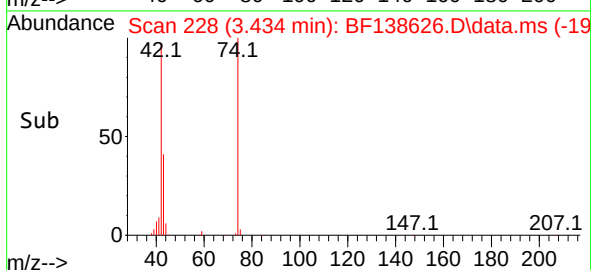
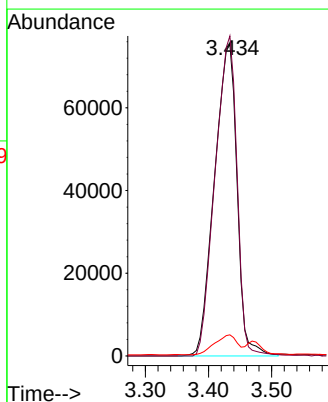
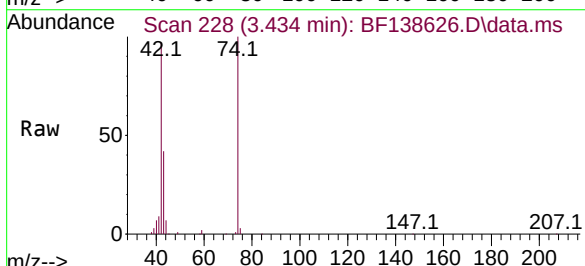
RT: 3.434 min Scan# 228

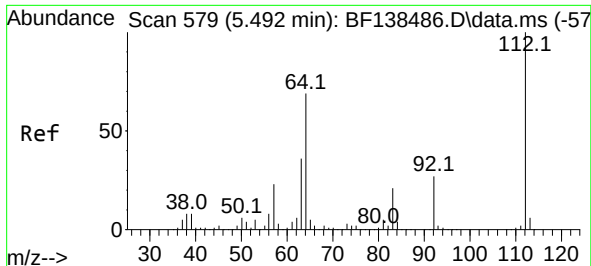
Delta R.T. 0.082 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Tgt Ion: 42	Resp: 187328
Ion Ratio	Lower Upper
42	100
74	102.7 75.0 112.6
44	6.8 5.4 8.2





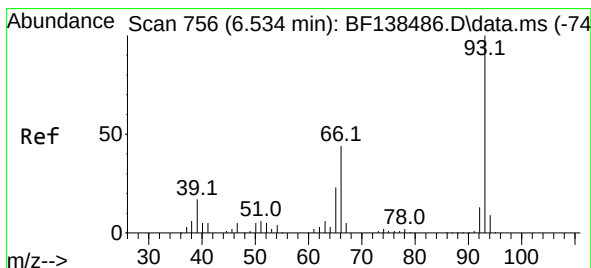
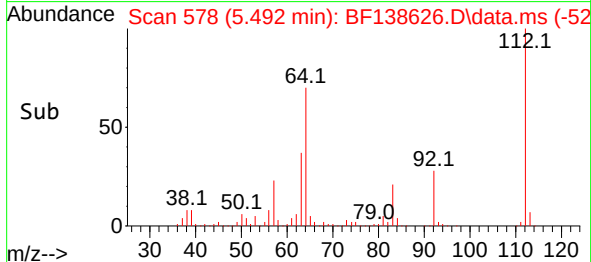
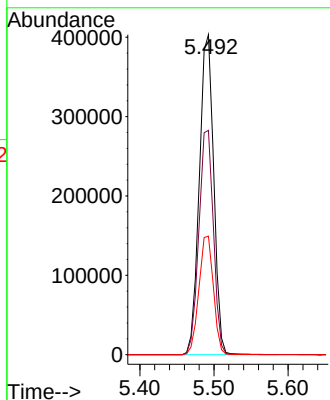
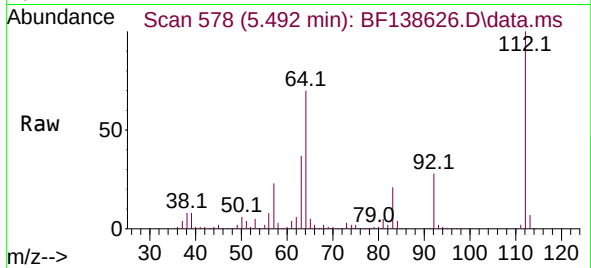
#5
2-Fluorophenol
Concen: 113.489 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:112 Resp: 54538
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 37.1 29.0 43.6

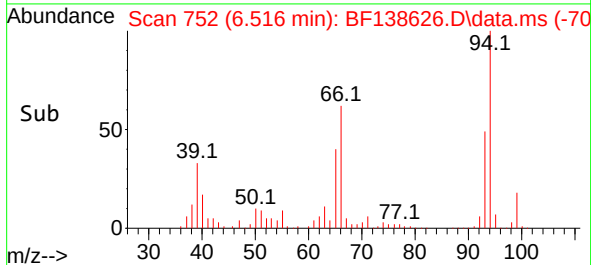
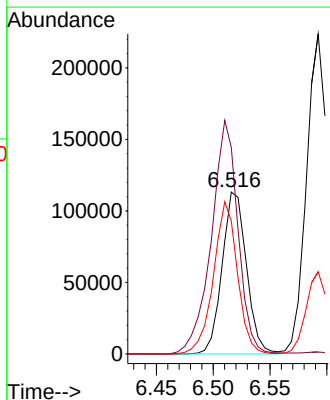
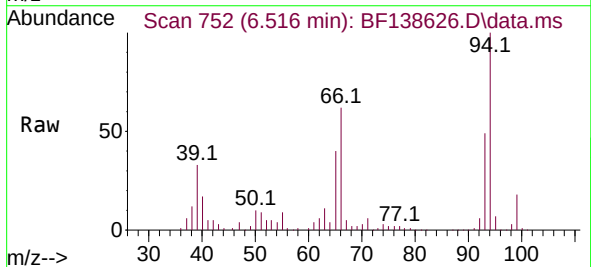
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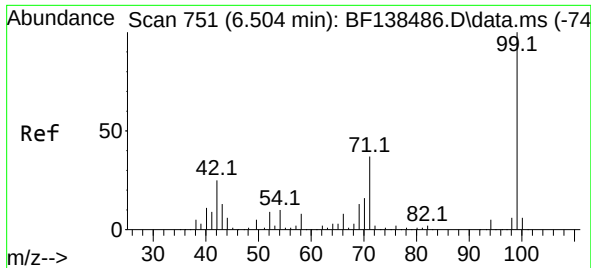
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#6
Aniline
Concen: 28.137 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

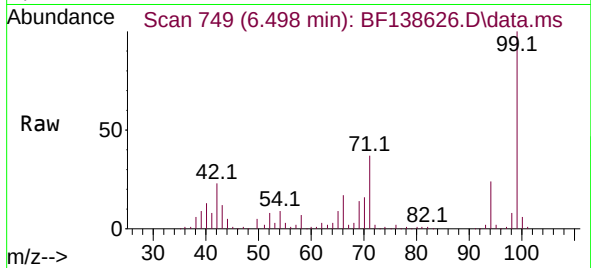
Tgt Ion: 93 Resp: 168480
Ion Ratio Lower Upper
93 100
66 127.4 35.4 53.0#
65 82.0 18.6 27.8#





#7
Phenol-d6
Concen: 118.060 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

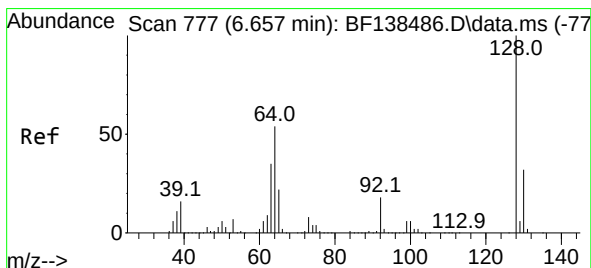
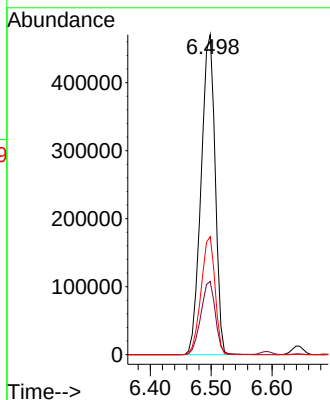
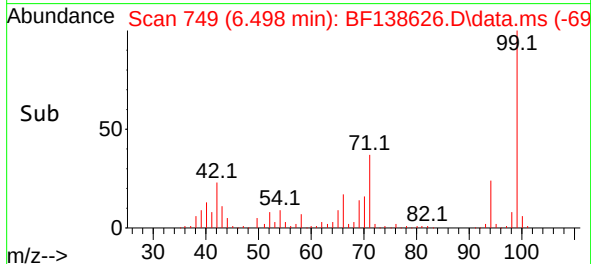
Instrument :
BNA_F
ClientSampleId :
285-290MSD



Tgt Ion: 99 Resp: 75475
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.9 29.9 44.9

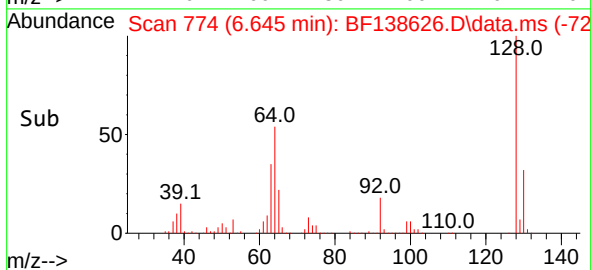
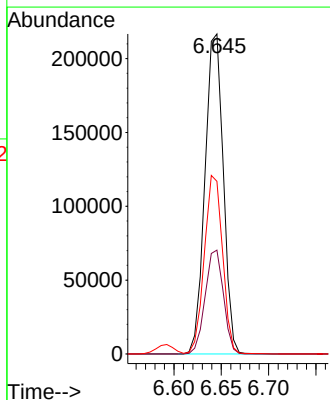
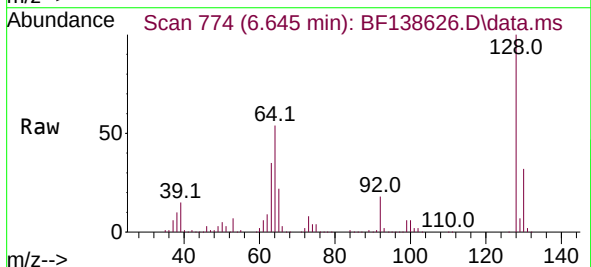
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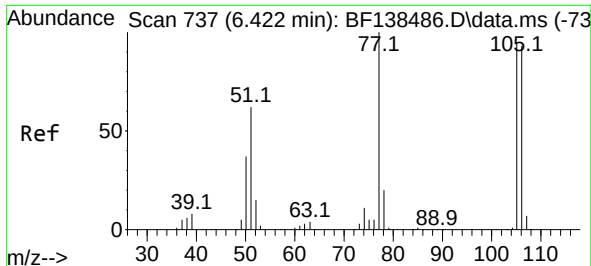
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#8
2-Chlorophenol
Concen: 57.534 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138626.D
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Tgt Ion:128 Resp: 292356
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 54.0 34.4 74.4





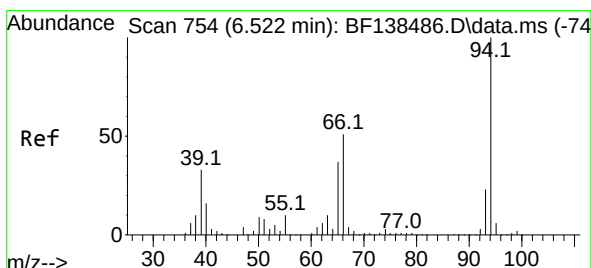
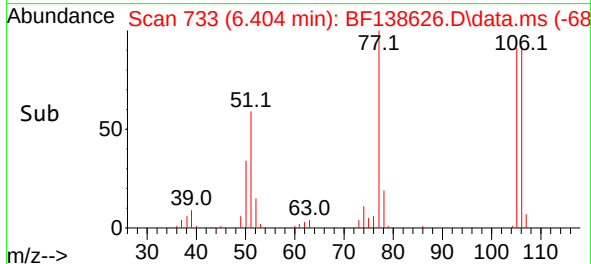
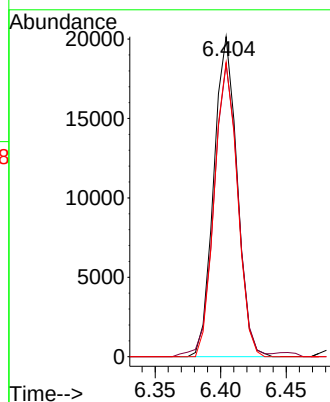
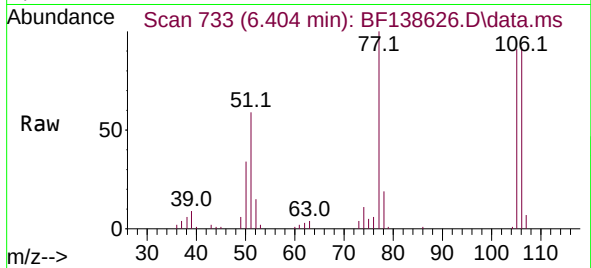
#9
Benzaldehyde
Concen: 7.302 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion: 77 Resp: 2498
Ion Ratio Lower Upper
77 100
105 91.4 75.1 115.1
106 91.9 73.2 113.2

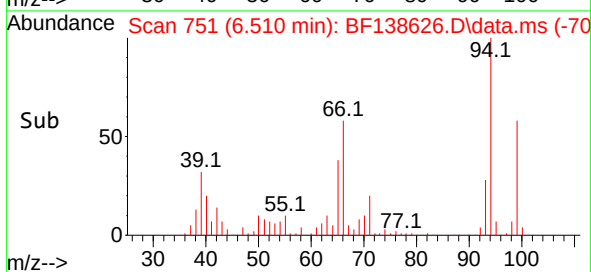
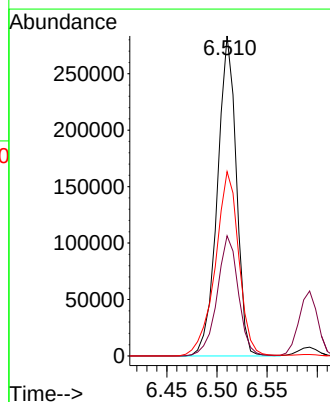
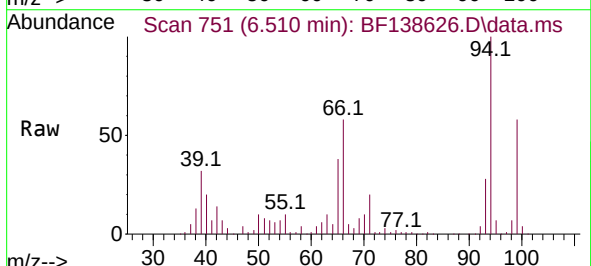
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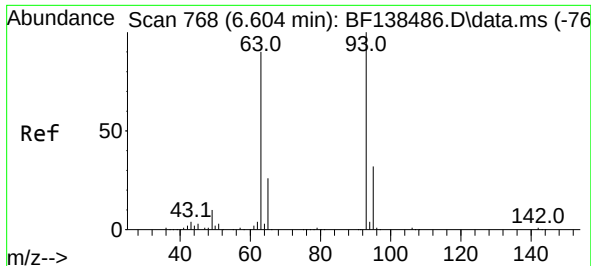
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Phenol
Concen: 55.005 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion: 94 Resp: 373253
Ion Ratio Lower Upper
94 100
65 37.5 16.7 56.7
66 57.6 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 56.627 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

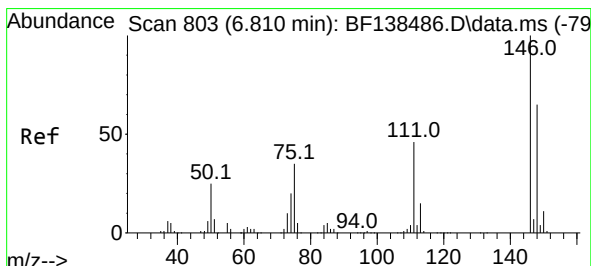
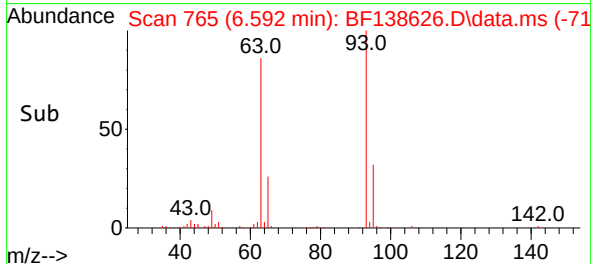
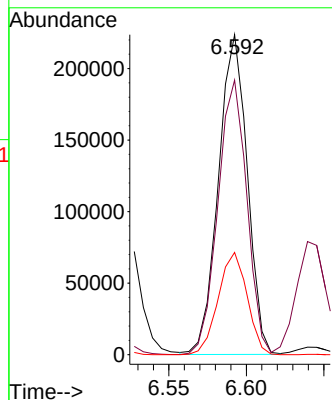
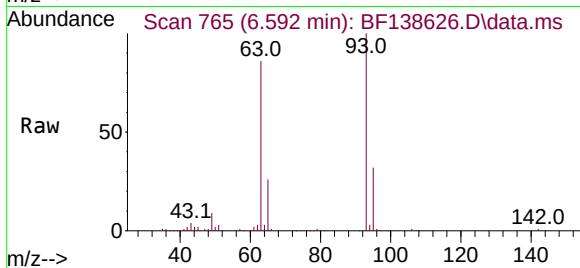
ClientSampleId :

285-290MSD

Tgt Ion: 93 Resp: 28931
Ion Ratio Lower Upper
93 100
63 85.8 68.8 108.8
95 32.0 11.8 51.8

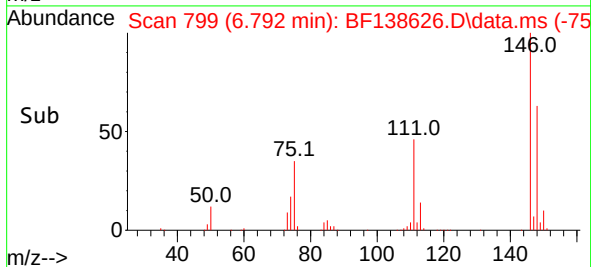
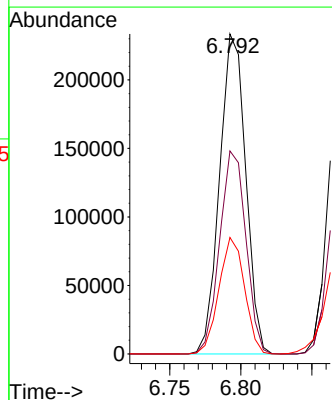
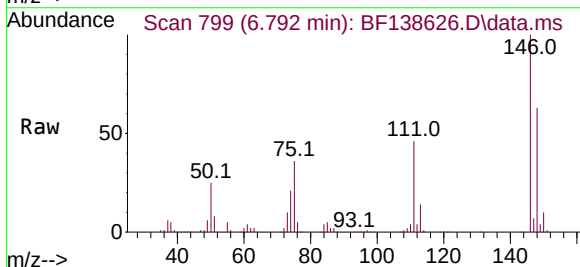
Manual Integrations
APPROVED

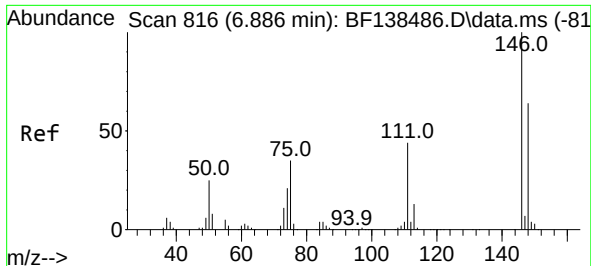
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#12
1,3-Dichlorobenzene
Concen: 52.244 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:146 Resp: 298409
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
75 36.4 27.8 41.8





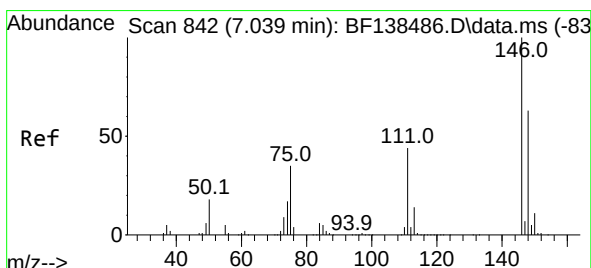
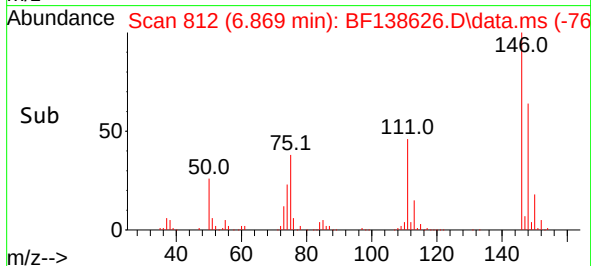
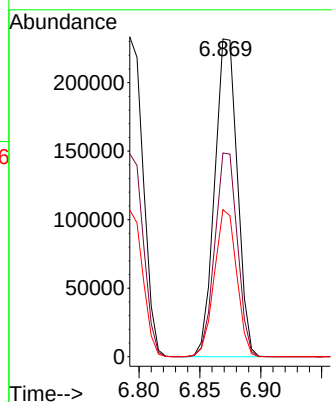
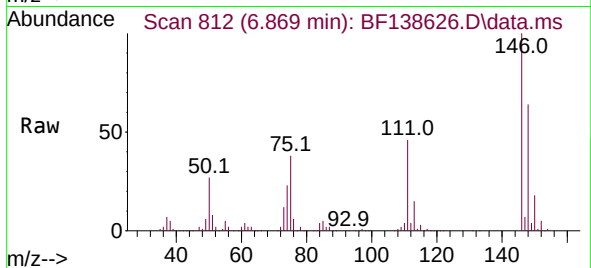
#13
1,4-Dichlorobenzene
Concen: 51.809 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:146 Resp: 300508
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 46.3 34.9 52.3

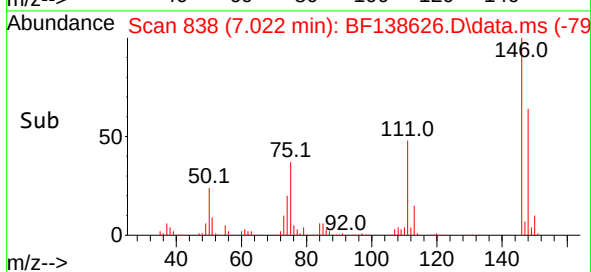
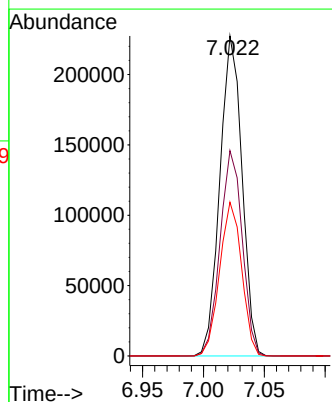
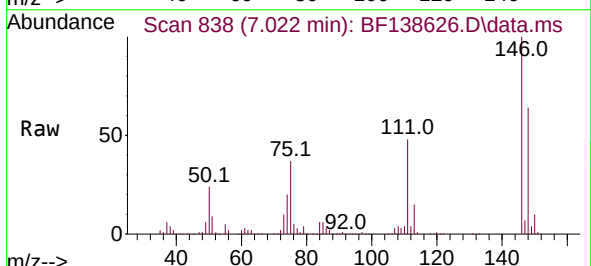
Manual Integrations
APPROVED

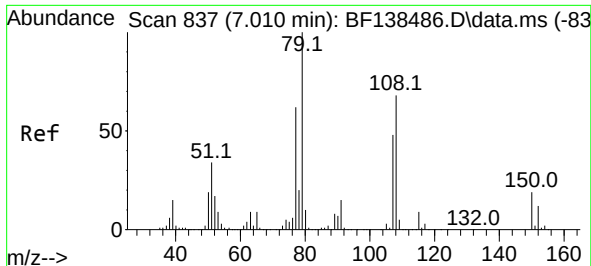
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 53.346 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

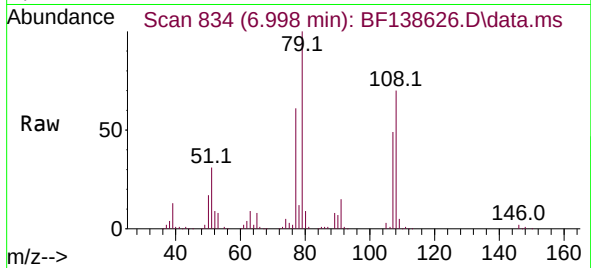
Tgt Ion:146 Resp: 288187
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 48.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 58.171 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

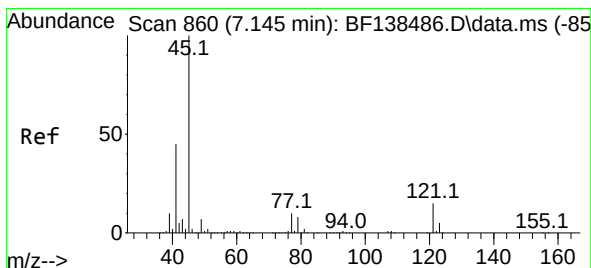
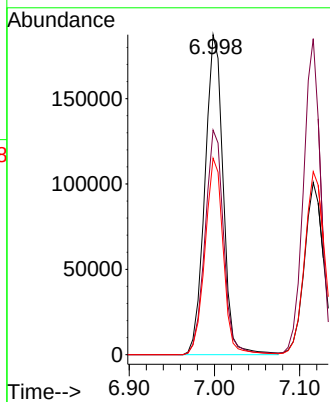
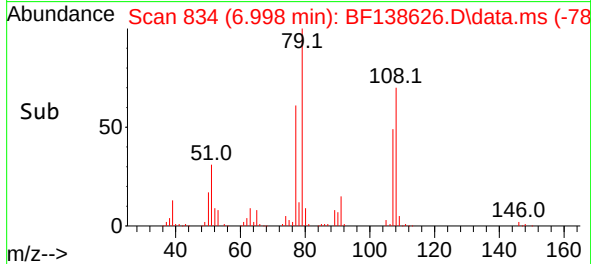
Instrument :
BNA_F
ClientSampleId :
285-290MSD



Tgt Ion: 79 Resp: 279092
Ion Ratio Lower Upper
79 100
108 70.2 54.3 81.5
77 61.4 50.0 75.0

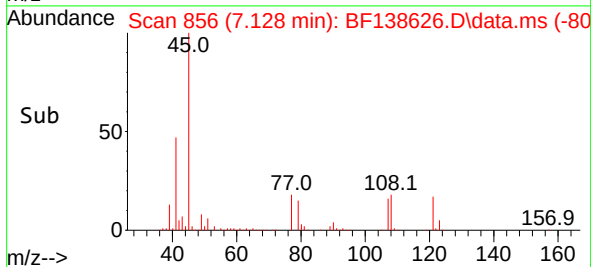
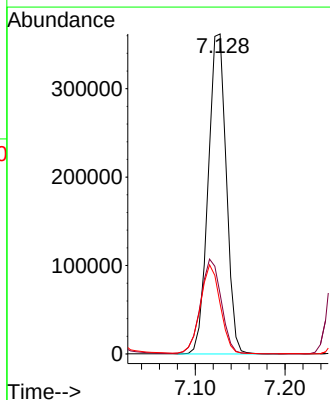
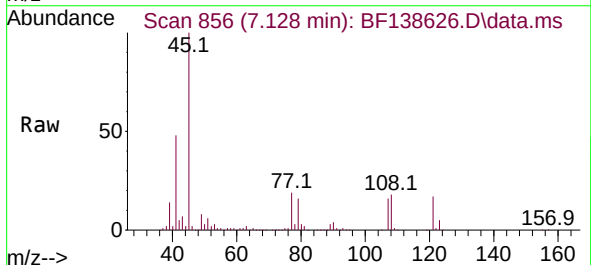
Manual Integrations
APPROVED

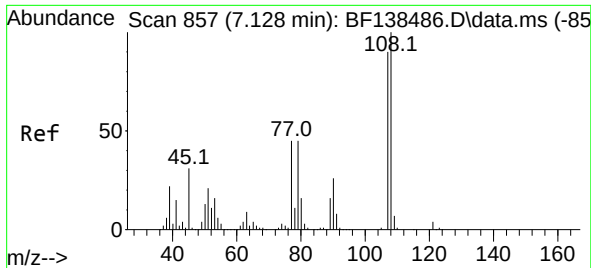
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.392 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion: 45 Resp: 506293
Ion Ratio Lower Upper
45 100
77 18.7 0.0 30.4
79 15.7 0.0 28.1





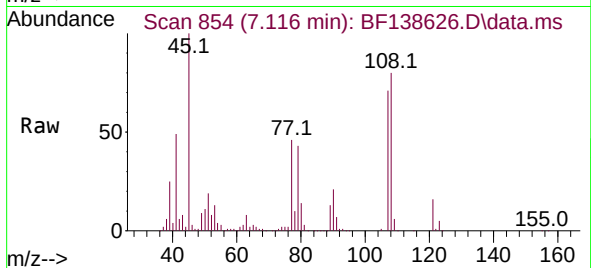
#17
2-Methylphenol
Concen: 55.219 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

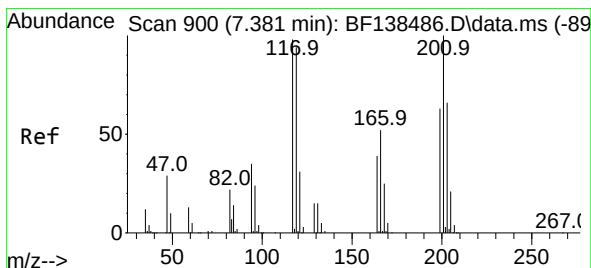
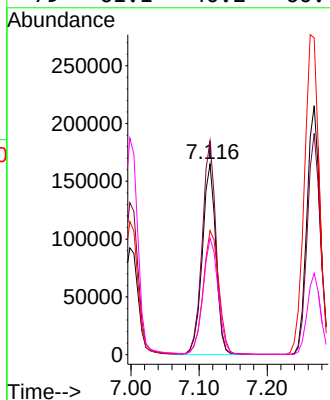
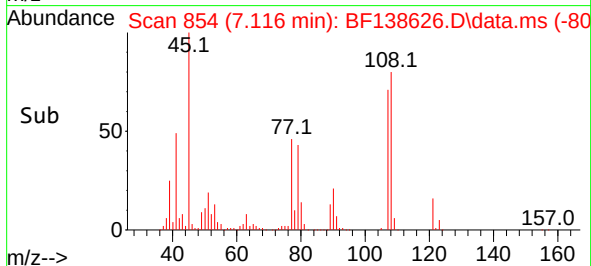


Tgt Ion:107 Resp: 229962
Ion Ratio Lower Upper
107 100
108 112.2 89.0 133.4
77 65.0 40.3 60.5
79 61.1 40.2 60.4#

Manual Integrations

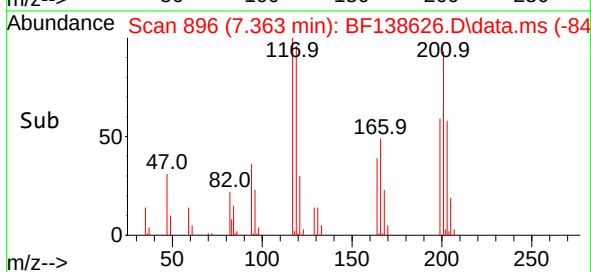
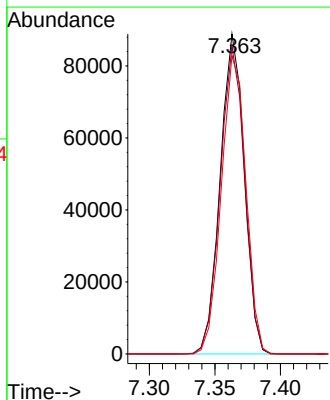
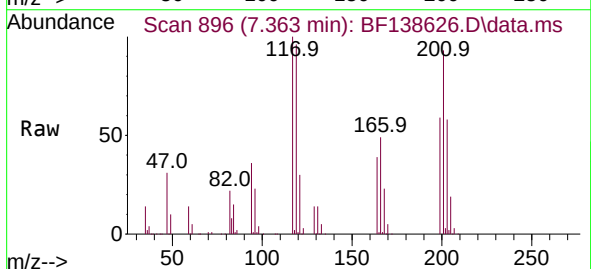
APPROVED

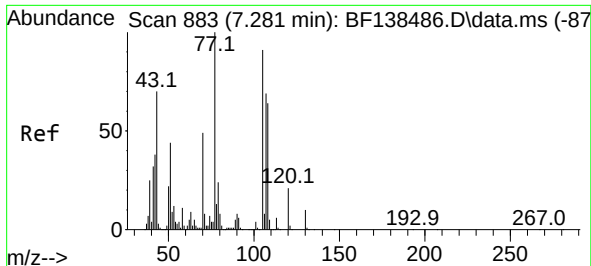
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#18
Hexachloroethane
Concen: 53.401 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:117 Resp: 113869
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 93.2 81.4 122.0





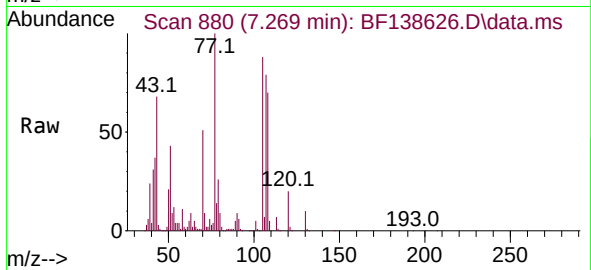
#19
n-Nitroso-di-n-propylamine
Concen: 55.819 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

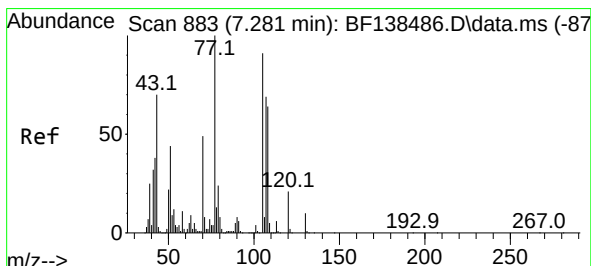
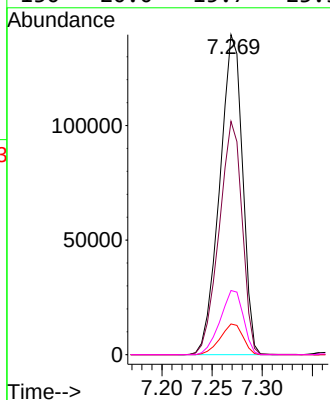
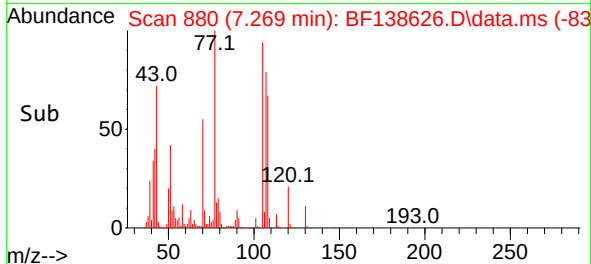


Tgt Ion: 70 Resp: 220497
Ion Ratio Lower Upper
70 100
42 72.9 62.4 93.6
101 9.6 7.2 10.8
130 20.0 15.7 23.5

Manual Integrations

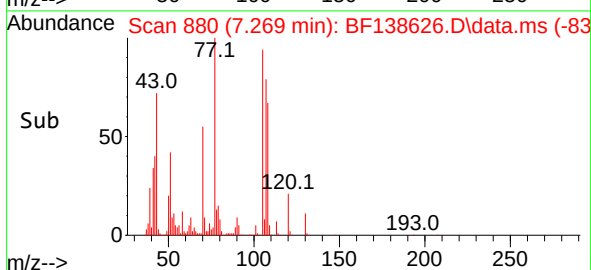
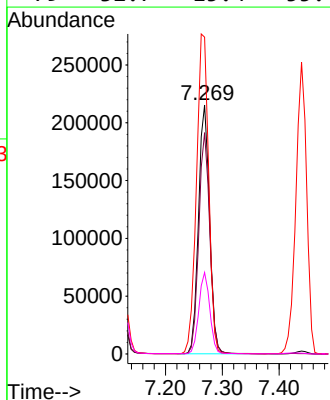
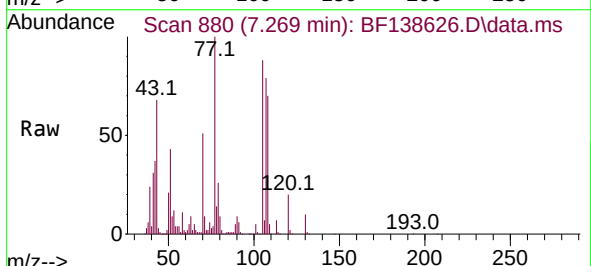
APPROVED

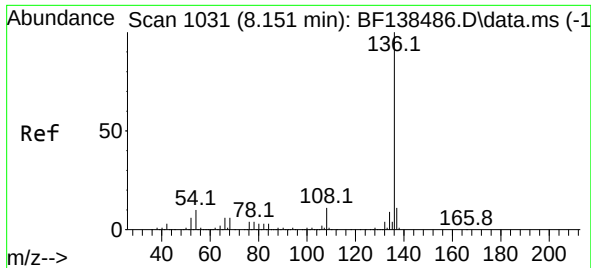
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#20
3+4-Methylphenols
Concen: 55.652 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:107 Resp: 291855
Ion Ratio Lower Upper
107 100
108 88.9 73.7 113.7
77 127.2 126.0 166.0
79 32.7 15.4 55.4





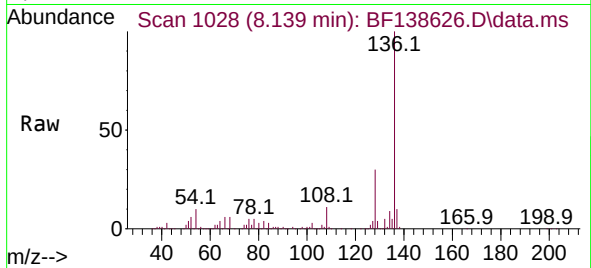
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

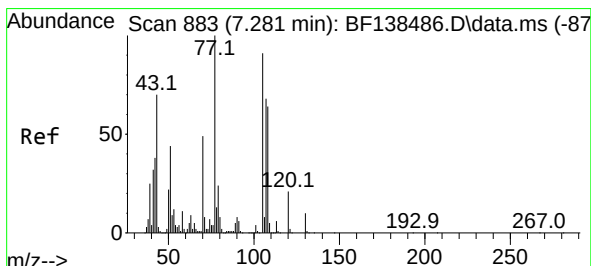
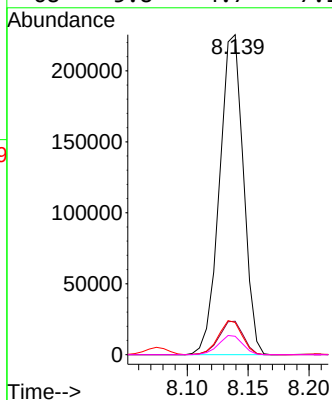
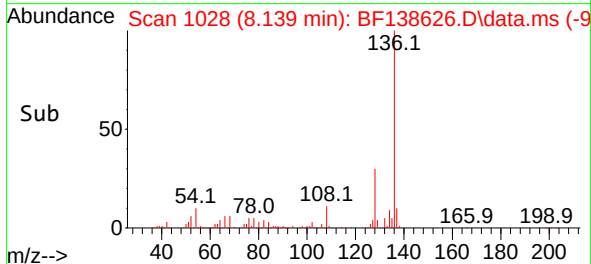


Tgt Ion:136 Resp: 307390
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.1 8.1 12.1
68 5.8 4.7 7.1

Manual Integrations

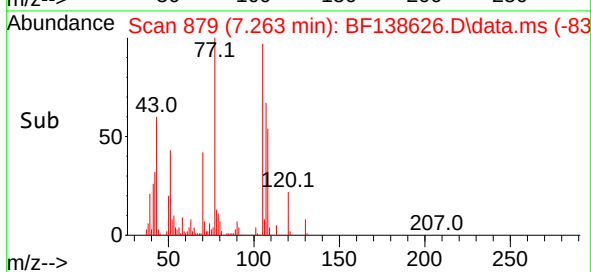
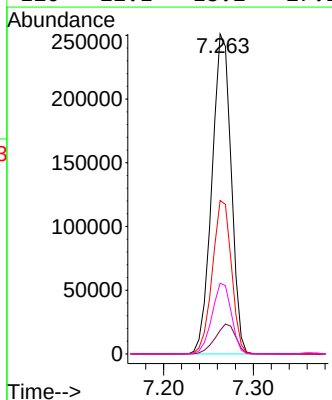
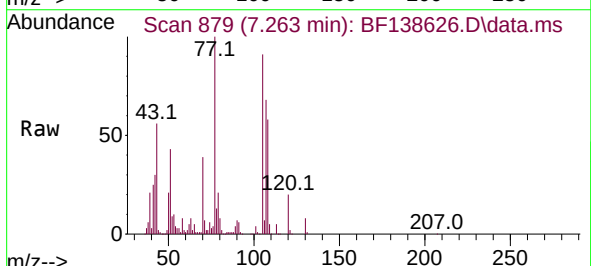
APPROVED

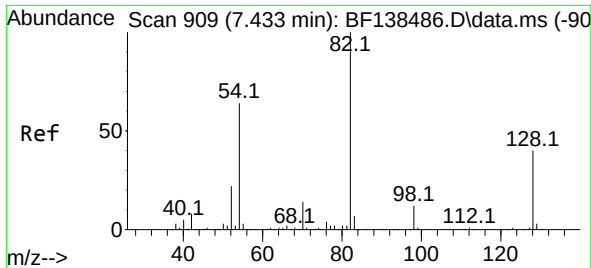
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 50.089 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:105 Resp: 373945
Ion Ratio Lower Upper
105 100
71 7.4 7.4 11.2#
51 47.9 38.7 58.1
120 22.1 18.2 27.2





#23
Nitrobenzene-d5
Concen: 76.685 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

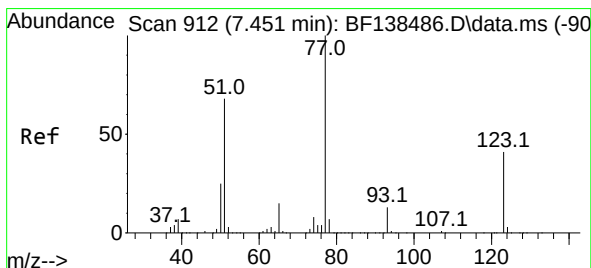
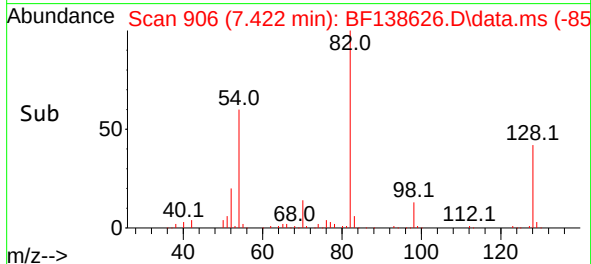
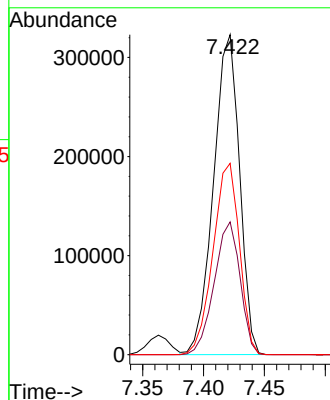
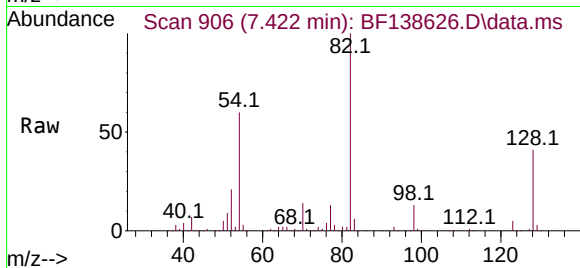
285-290MSD

Tgt Ion: 82 Resp: 48011
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 59.8 51.4 77.0

Manual Integrations

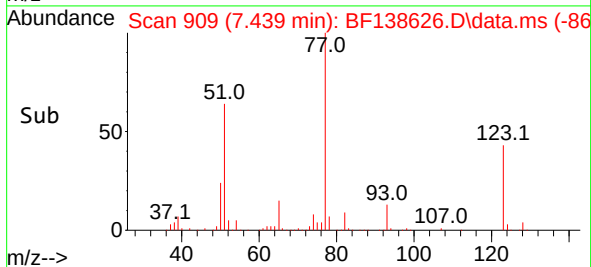
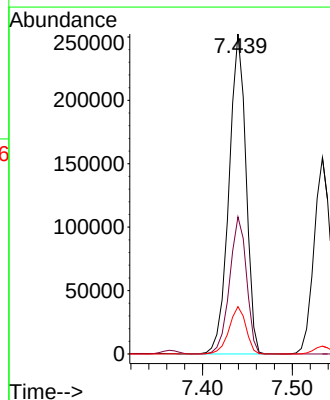
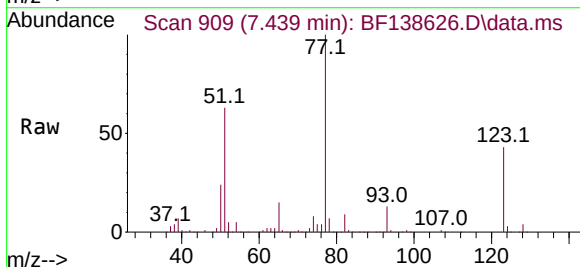
APPROVED

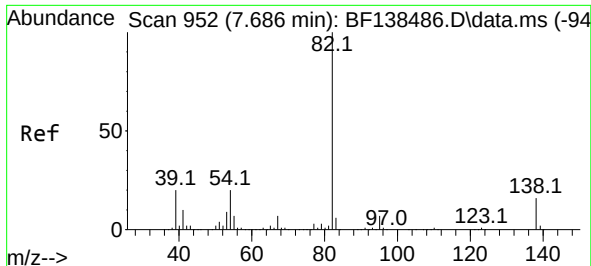
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#24
Nitrobenzene
Concen: 52.188 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

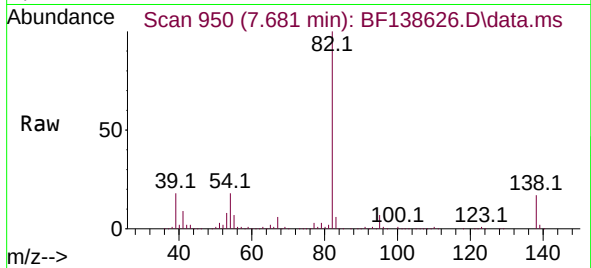
Tgt Ion: 77 Resp: 332035
Ion Ratio Lower Upper
77 100
123 42.9 32.4 48.6
65 14.8 11.8 17.8





#25
Isophorone
Concen: 55.565 ng
RT: 7.681 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

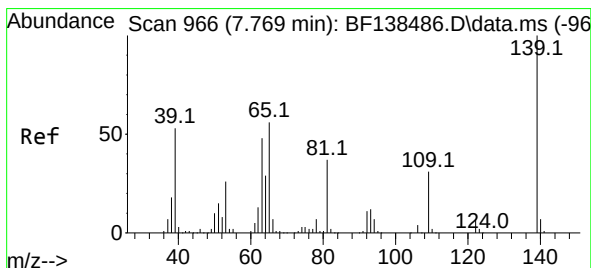
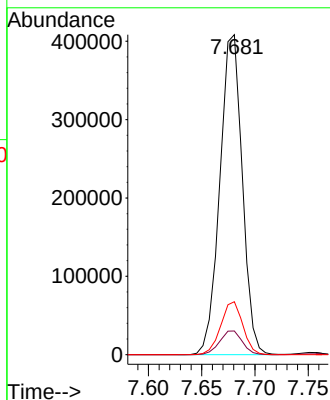
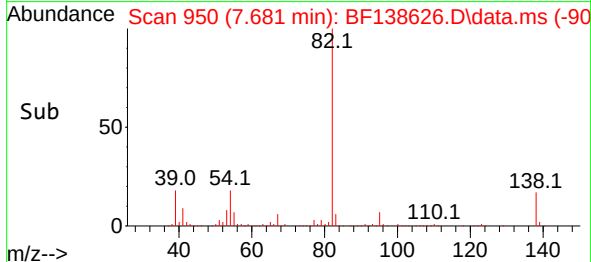
Instrument :
BNA_F
ClientSampleId :
285-290MSD



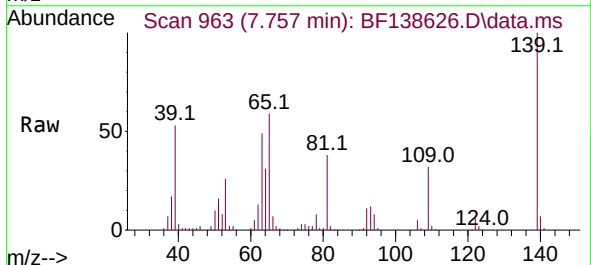
Tgt Ion: 82 Resp: 597420
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.6 12.8 19.2

Manual Integrations
APPROVED

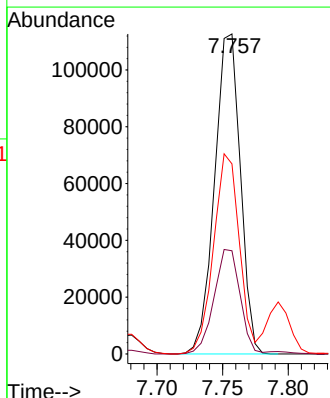
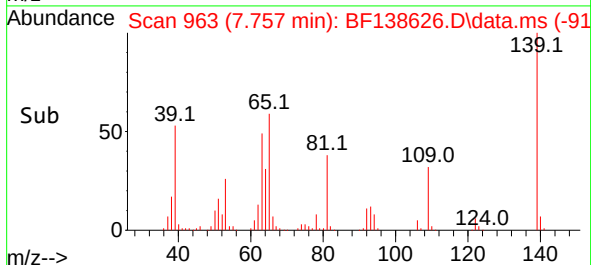
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

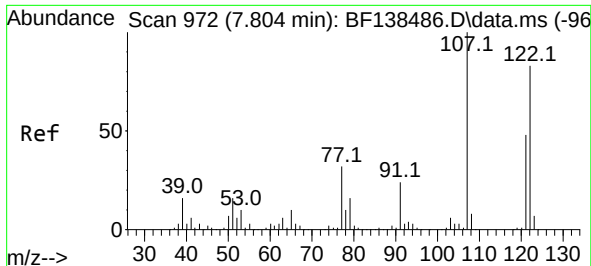


#26
2-Nitrophenol
Concen: 56.537 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:139 Resp: 154172
Ion Ratio Lower Upper
139 100
109 32.2 24.8 37.2
65 59.4 45.1 67.7





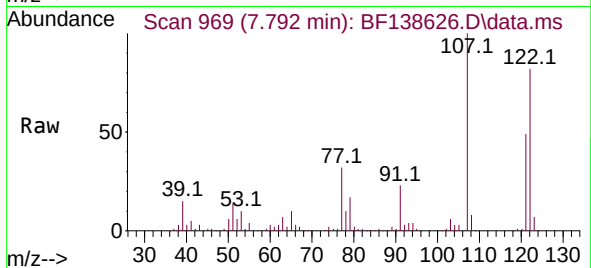
#27
2,4-Dimethylphenol
Concen: 58.402 ng m
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

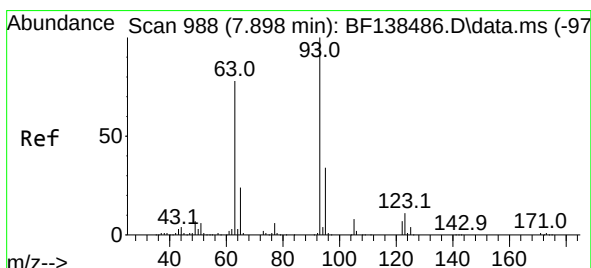
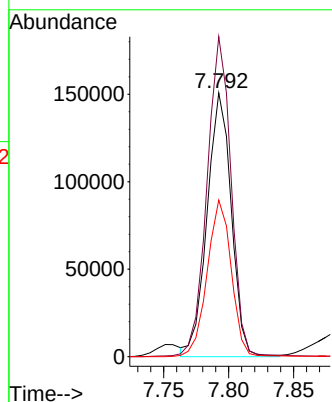
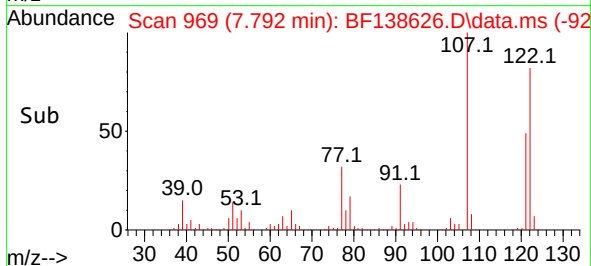


Tgt Ion:122 Resp: 195738
Ion Ratio Lower Upper
122 100
107 121.3 96.3 144.5
121 59.4 46.7 70.1

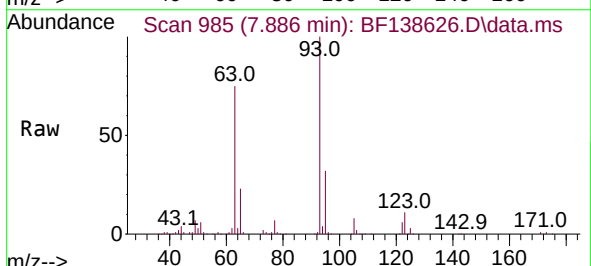
Manual Integrations

APPROVED

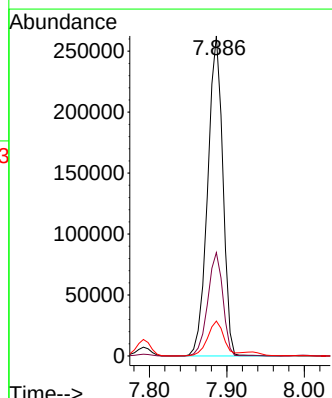
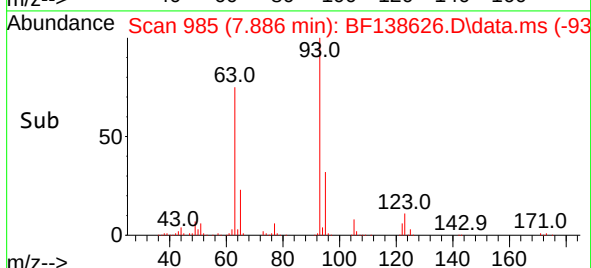
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

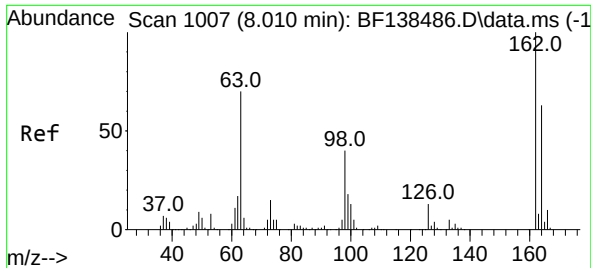


#28
bis(2-Chloroethoxy)methane
Concen: 55.470 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion: 93 Resp: 356430
Ion Ratio Lower Upper
93 100
95 32.3 27.0 40.6
123 10.9 9.1 13.7





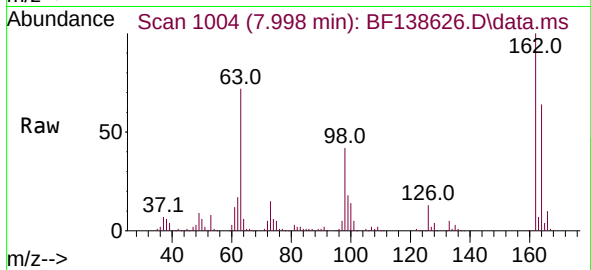
#29
2,4-Dichlorophenol
Concen: 52.686 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

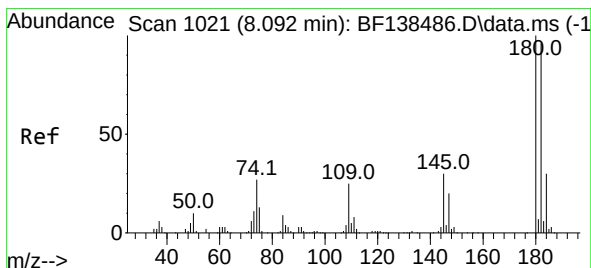
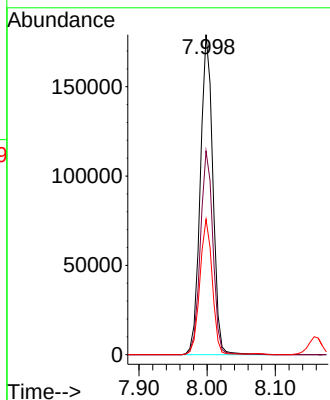
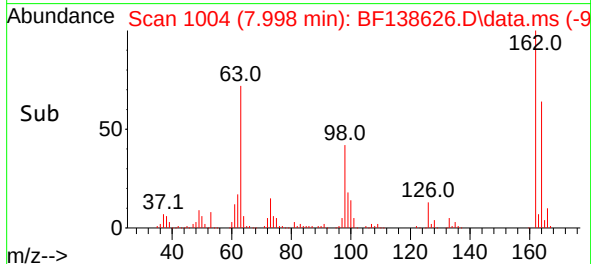


Tgt Ion:162 Resp: 229302
Ion Ratio Lower Upper
162 100
164 63.7 42.6 82.6
98 42.3 20.1 60.1

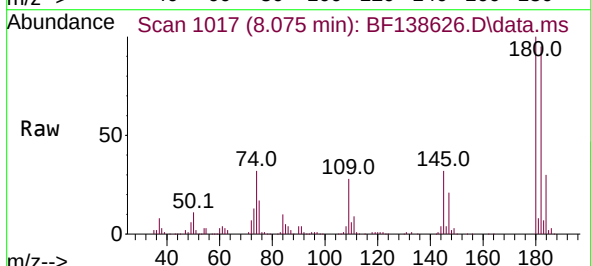
Manual Integrations

APPROVED

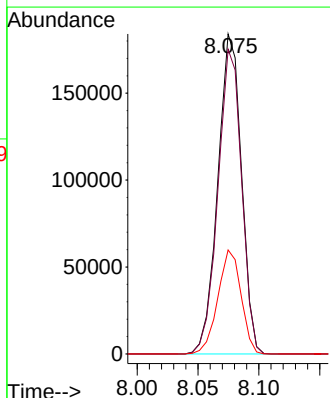
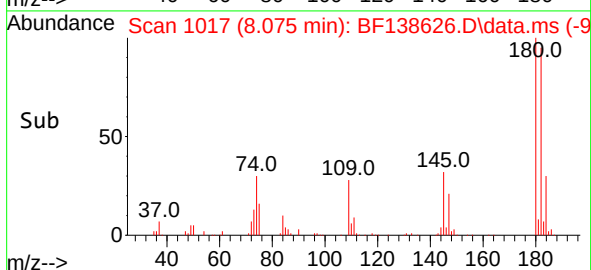
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

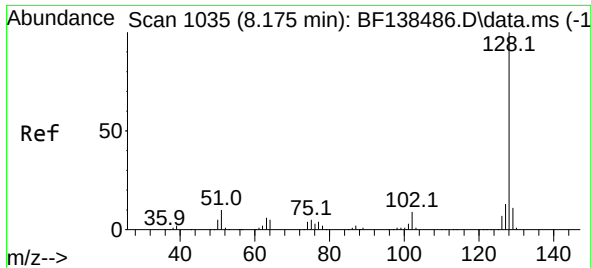


#30
1,2,4-Trichlorobenzene
Concen: 49.038 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:180 Resp: 248625
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 32.5 23.9 35.9





#31
Naphthalene
Concen: 52.341 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

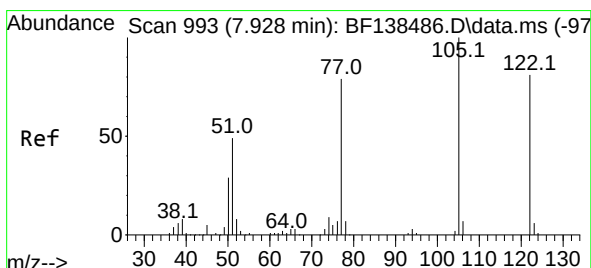
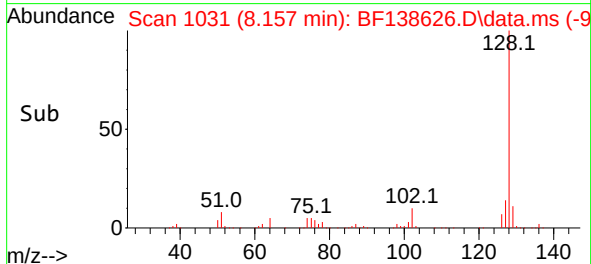
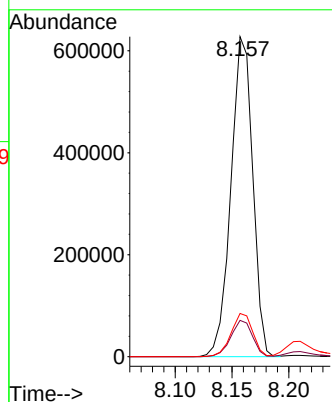
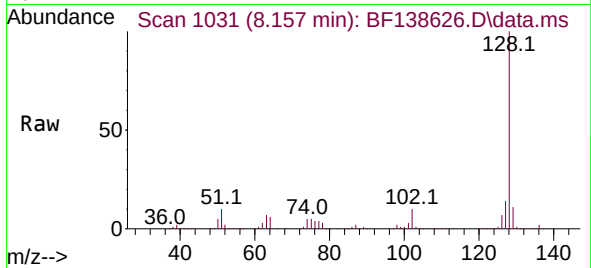
285-290MSD

Tgt Ion:128 Resp: 83676
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.7 16.1

Manual Integrations

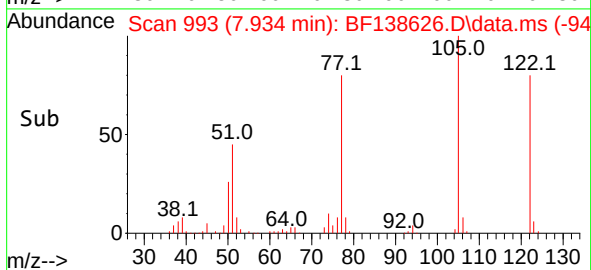
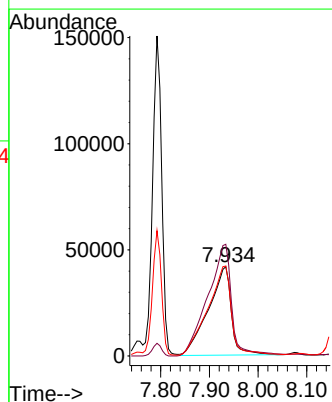
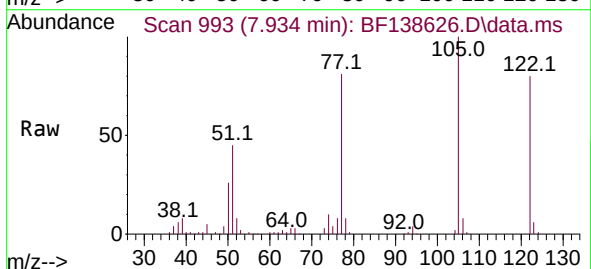
APPROVED

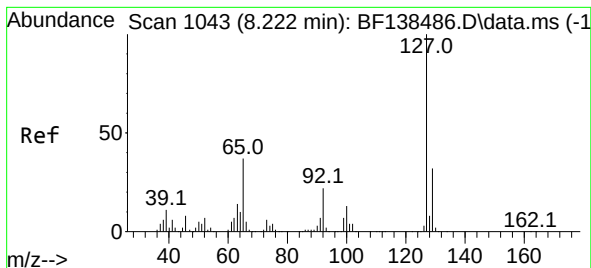
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#32
Benzoic acid
Concen: 42.755 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:122 Resp: 136669
Ion Ratio Lower Upper
122 100
105 125.1 101.5 141.5
77 100.8 77.3 117.3





#33

4-Chloroaniline

Concen: 10.846 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

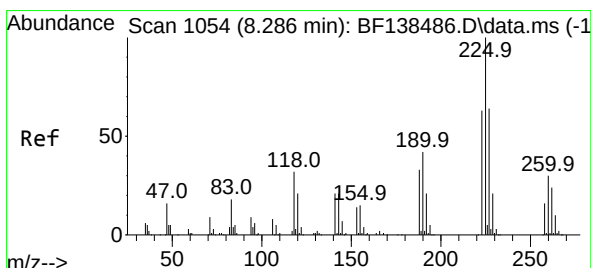
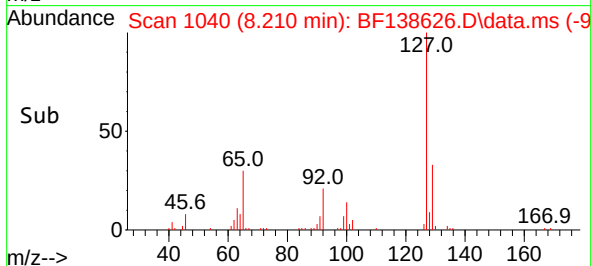
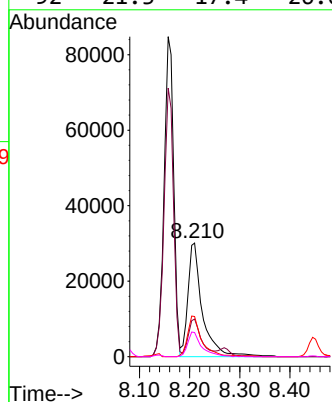
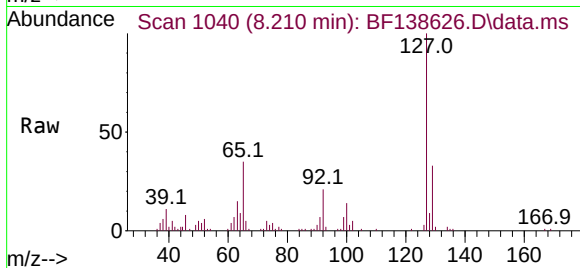
285-290MSD

Tgt Ion:	127	Resp:	60840
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.6	38.4
65	35.3	29.6	44.4
92	21.3	17.4	26.0

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 47.178 ng

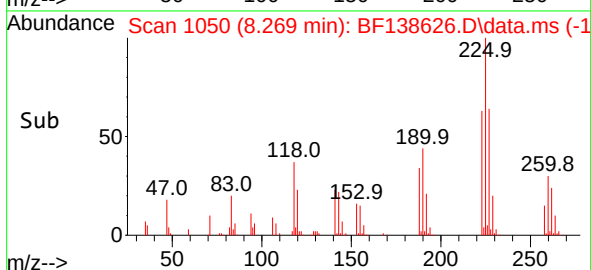
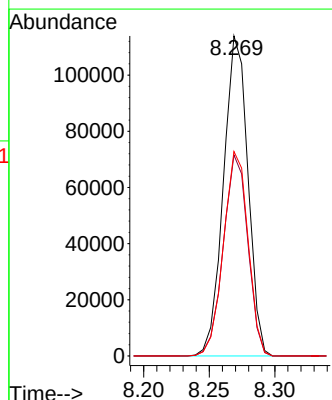
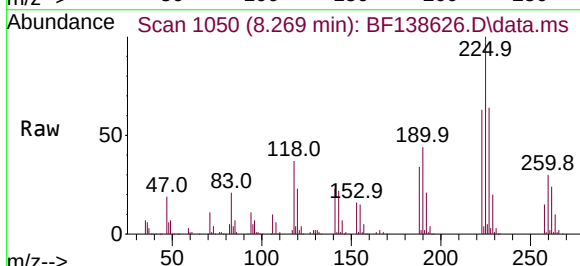
RT: 8.269 min Scan# 1050

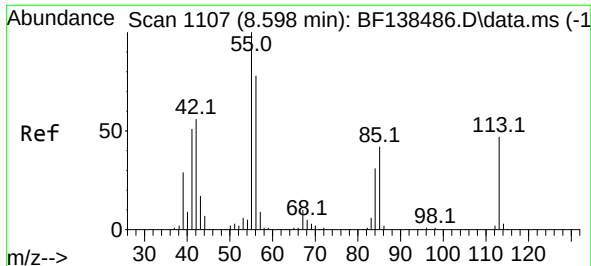
Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

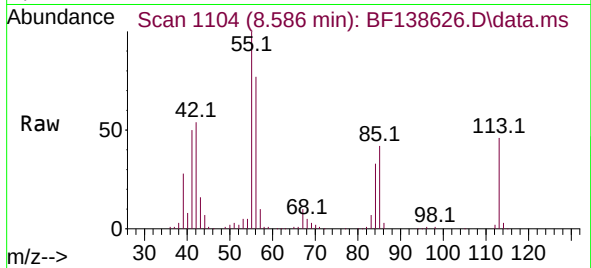
Tgt Ion:	225	Resp:	147295
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.0	75.0
227	63.9	51.0	76.6





#35
Caprolactam
Concen: 48.743 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

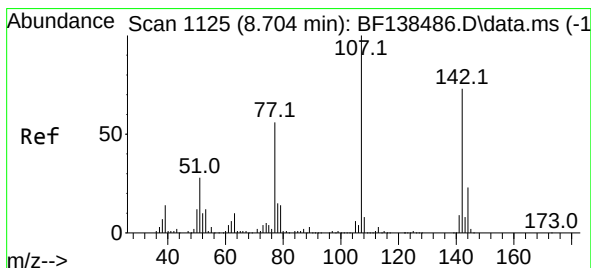
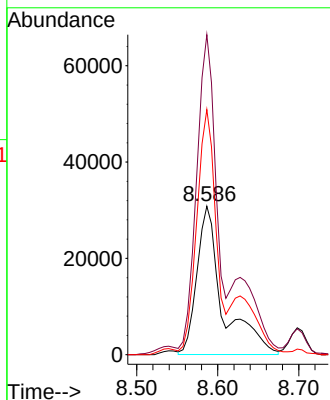
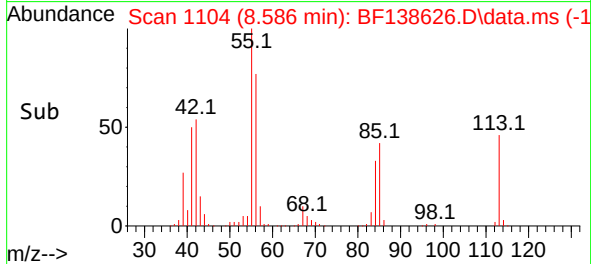
Instrument :
BNA_F
ClientSampleId :
285-290MSD



Tgt Ion:113 Resp: 68450
Ion Ratio Lower Upper
113 100
55 215.4 192.5 232.5
56 165.0 145.3 185.3

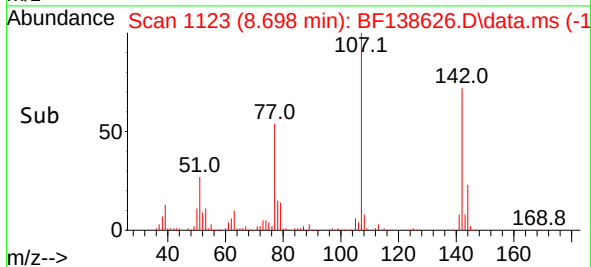
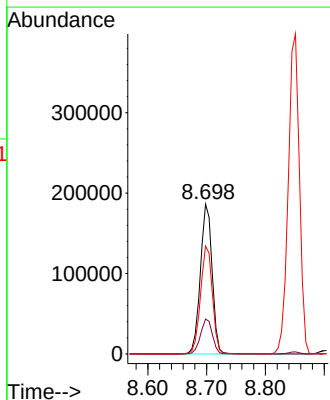
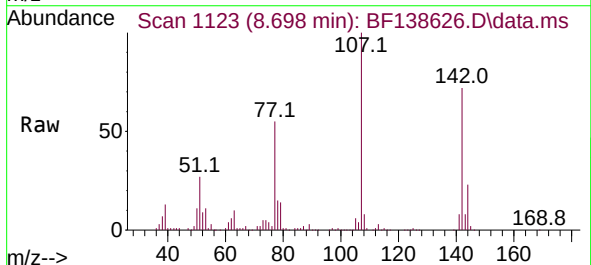
Manual Integrations
APPROVED

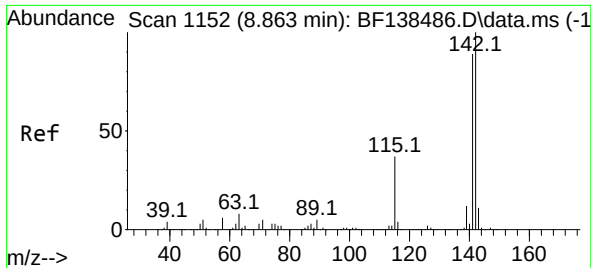
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#36
4-Chloro-3-methylphenol
Concen: 53.164 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:107 Resp: 259038
Ion Ratio Lower Upper
107 100
144 23.3 18.6 27.8
142 72.0 58.6 88.0





#37
2-Methylnaphthalene
Concen: 51.058 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

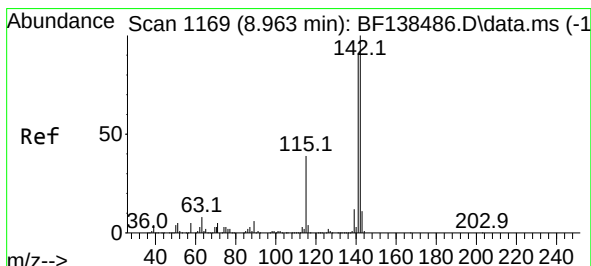
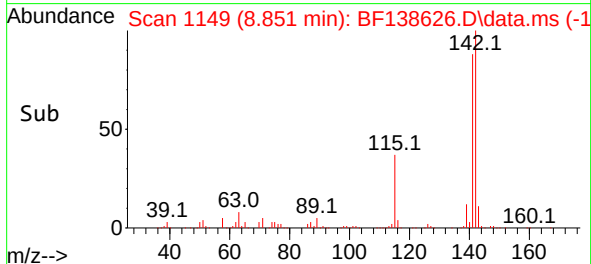
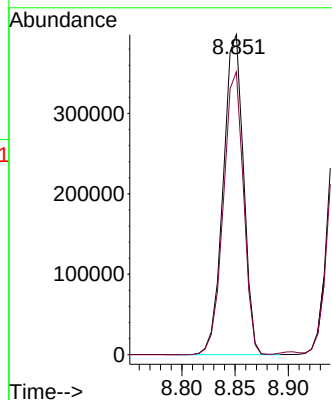
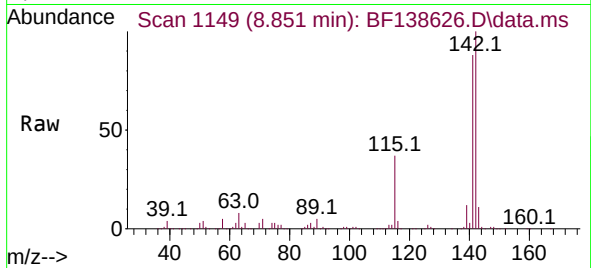
285-290MSD

Tgt Ion:142 Resp: 52527
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

Manual Integrations

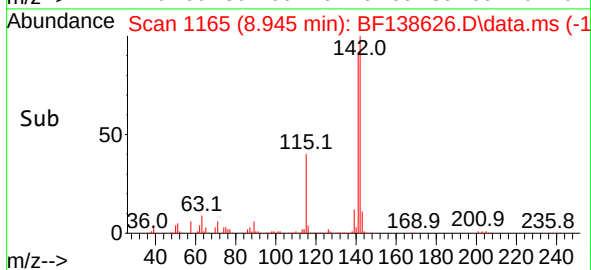
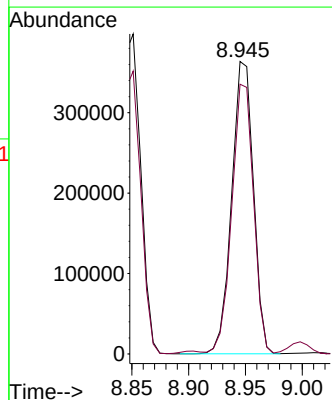
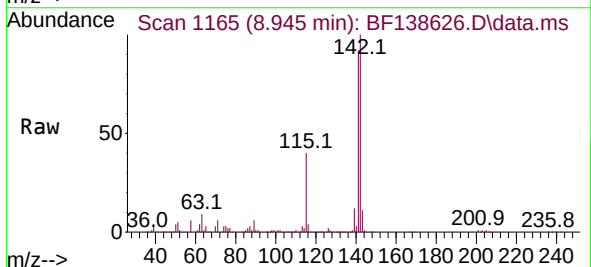
APPROVED

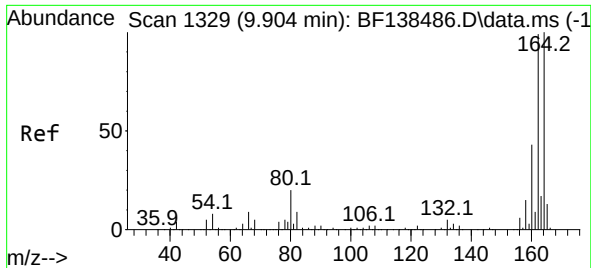
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 48.204 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:142 Resp: 483993
Ion Ratio Lower Upper
142 100
141 92.3 72.6 108.8





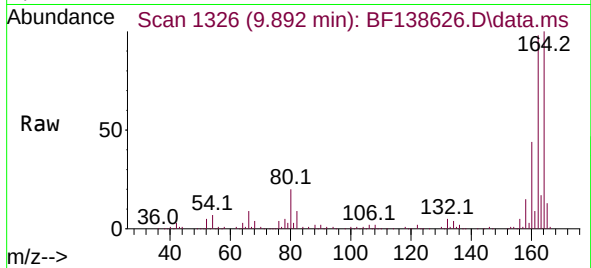
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

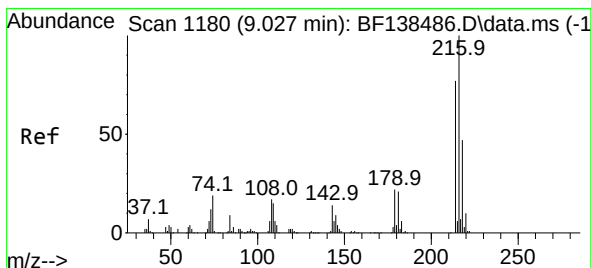
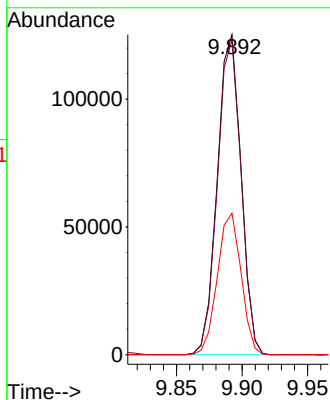
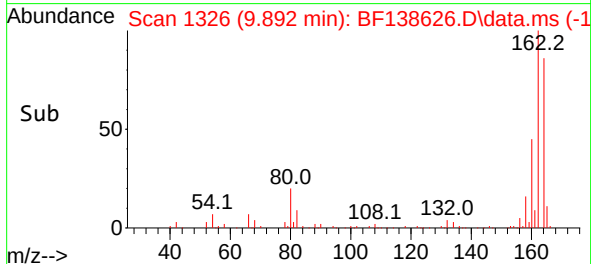


Tgt Ion:164 Resp: 157764
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 44.2 34.4 51.6

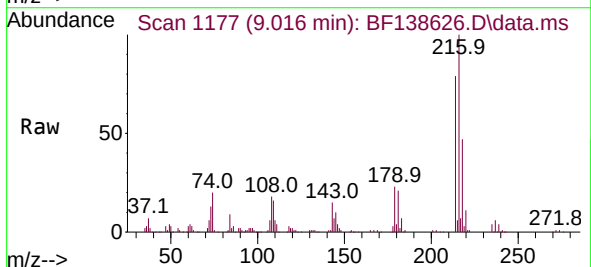
Manual Integrations

APPROVED

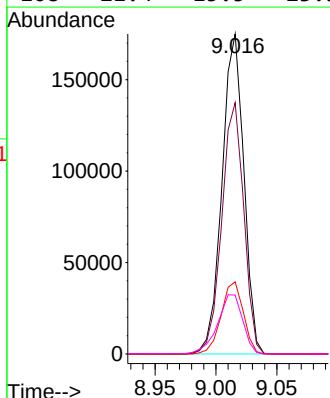
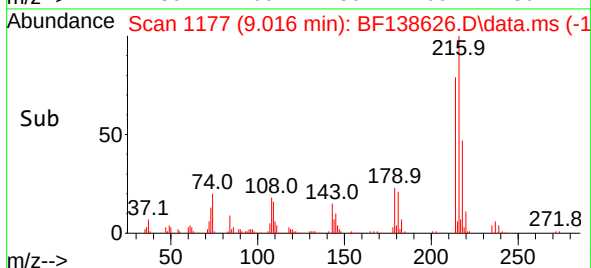
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

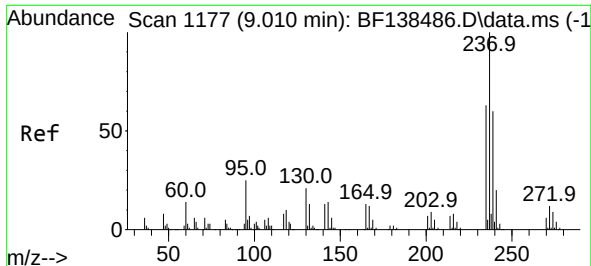


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.642 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



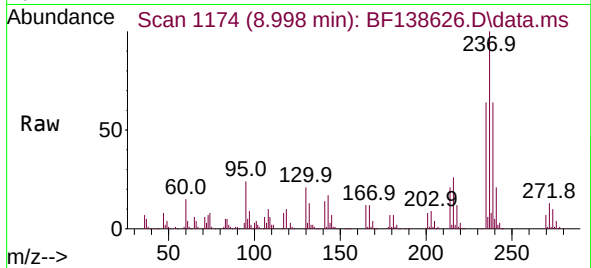
Tgt Ion:216 Resp: 218276
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 22.9 17.7 26.5
108 21.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 97.838 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

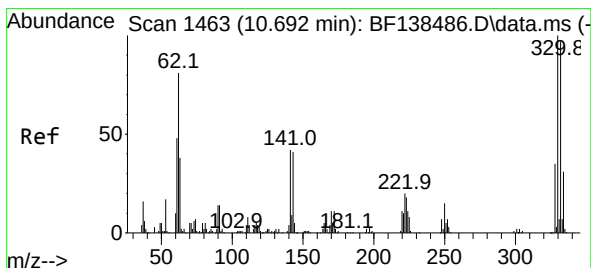
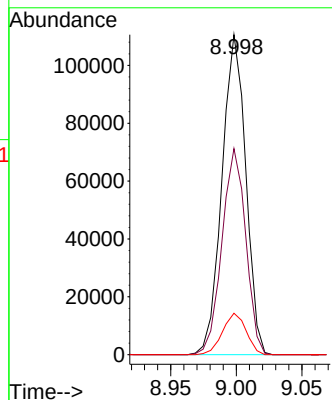
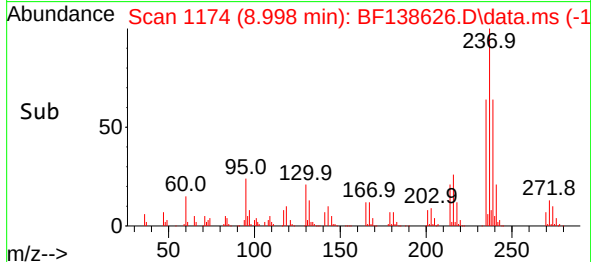
Instrument :
BNA_F
ClientSampleId :
285-290MSD



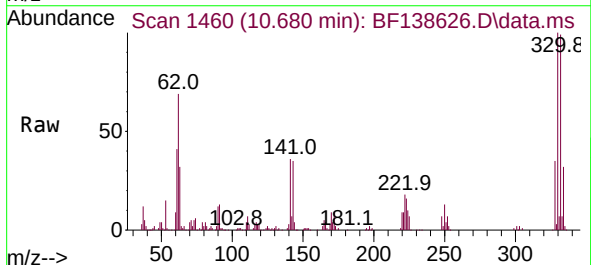
Tgt Ion:237 Resp: 139632
Ion Ratio Lower Upper
237 100
235 64.4 43.3 83.3
272 12.9 0.0 32.3

Manual Integrations
APPROVED

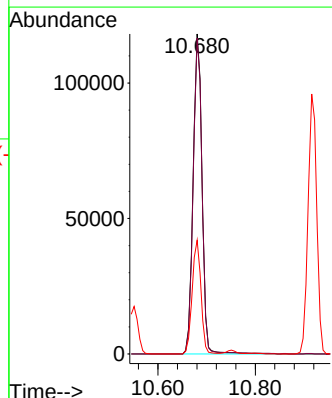
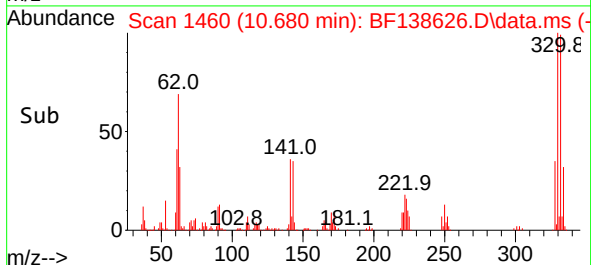
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

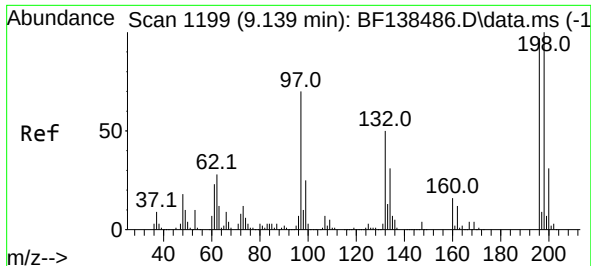


#42
2,4,6-Tribromophenol
Concen: 102.403 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:330 Resp: 150989
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 35.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 52.554 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

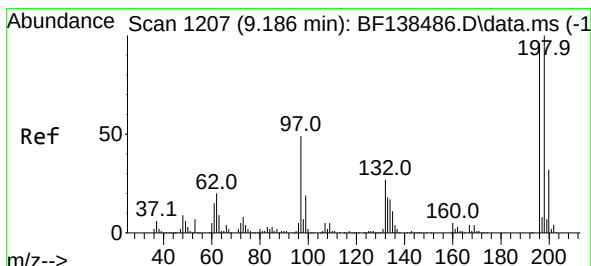
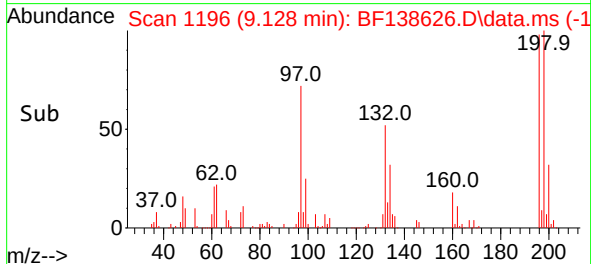
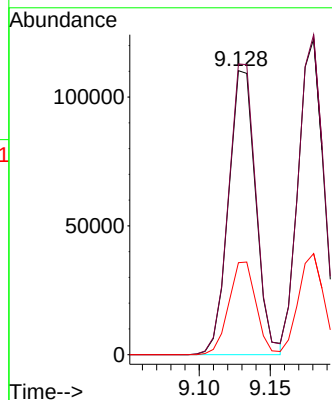
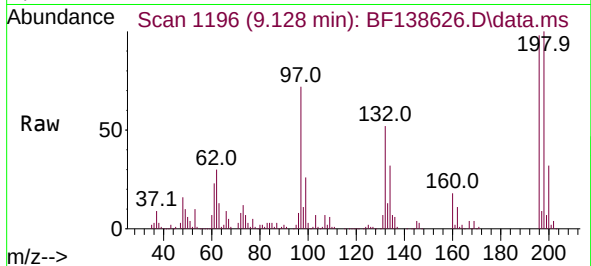
285-290MSD

Tgt Ion:196 Resp: 147402
Ion Ratio Lower Upper
196 100
198 102.4 82.3 123.5
200 32.4 25.8 38.6

Manual Integrations

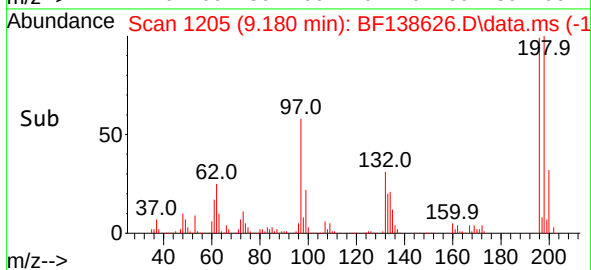
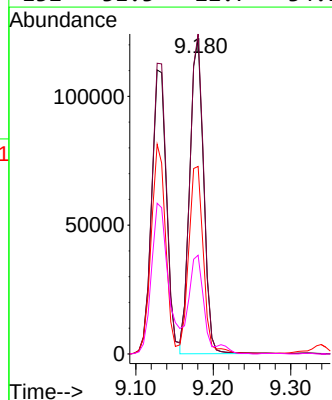
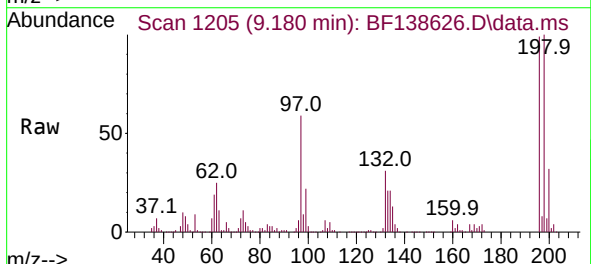
APPROVED

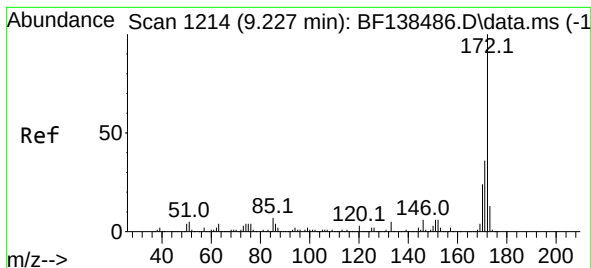
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#44
2,4,5-Trichlorophenol
Concen: 49.512 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:196 Resp: 152740
Ion Ratio Lower Upper
196 100
198 101.3 82.8 124.2
97 59.4 41.0 61.4
132 31.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 79.308 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

Tgt Ion:172 Resp: 800558

Ion Ratio Lower Upper

172 100

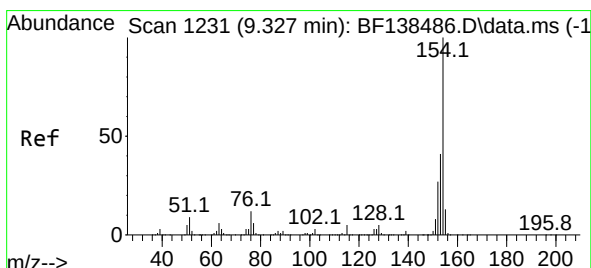
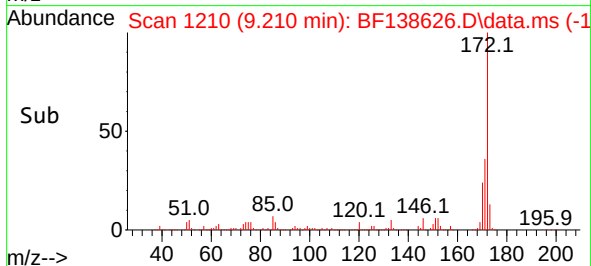
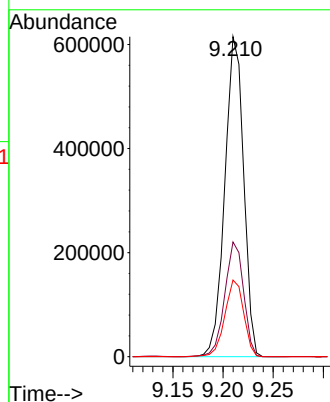
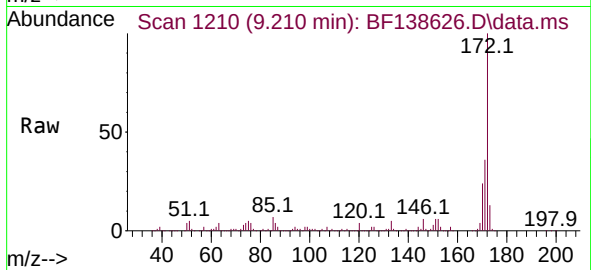
171 35.9 28.9 43.3

170 24.0 18.9 28.3

Manual Integrations

APPROVED

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



#46

1,1'-Biphenyl

Concen: 50.622 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

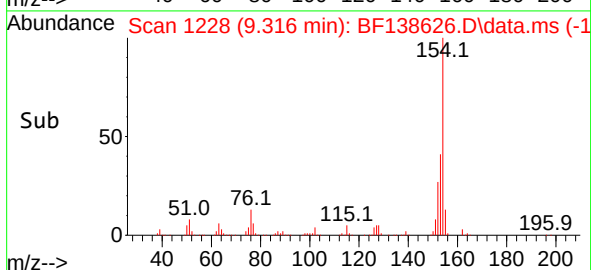
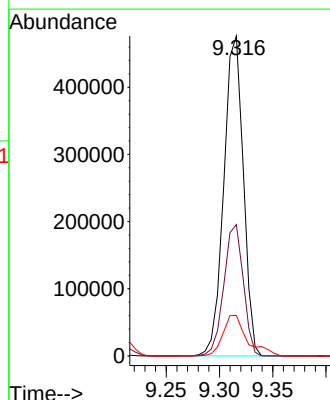
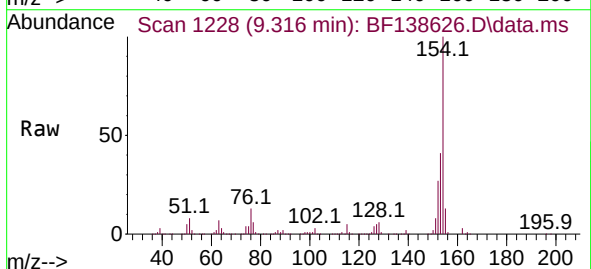
Tgt Ion:154 Resp: 605237

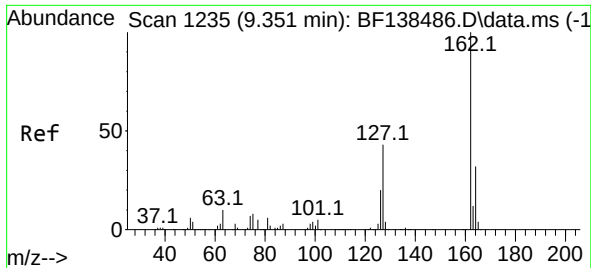
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 12.7 0.0 32.2





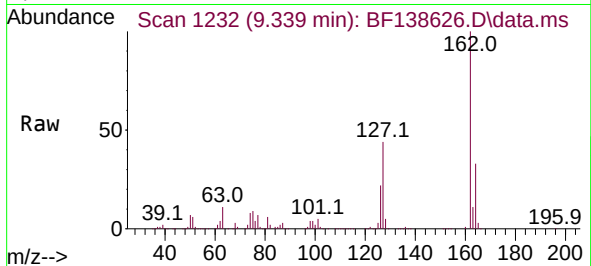
#47
2-Chloronaphthalene
Concen: 52.366 ng
RT: 9.339 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

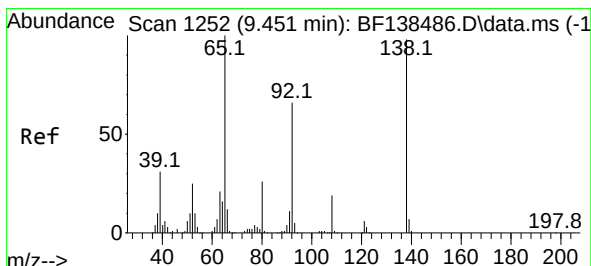
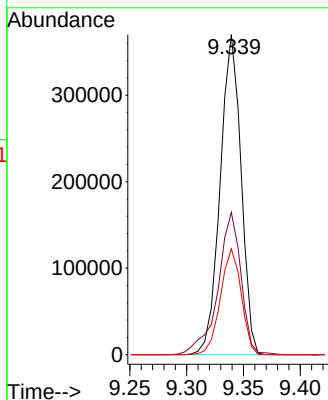
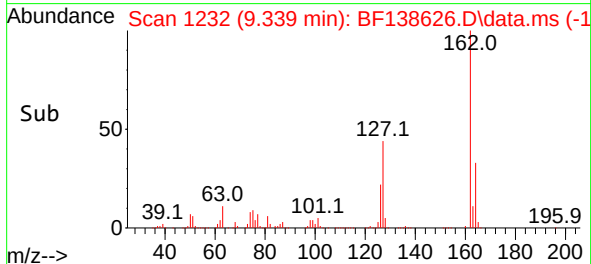


Tgt Ion:162 Resp: 472983
Ion Ratio Lower Upper
162 100
127 44.5 34.8 52.2
164 33.1 25.6 38.4

Manual Integrations

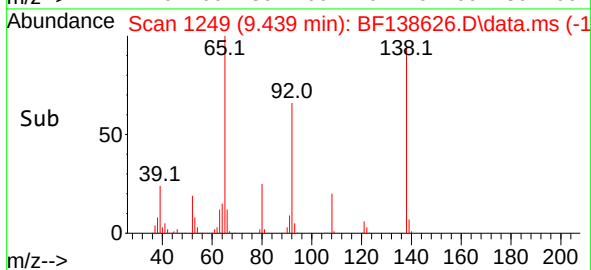
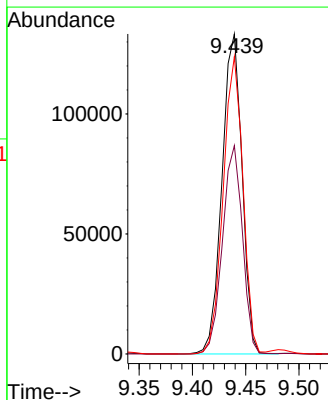
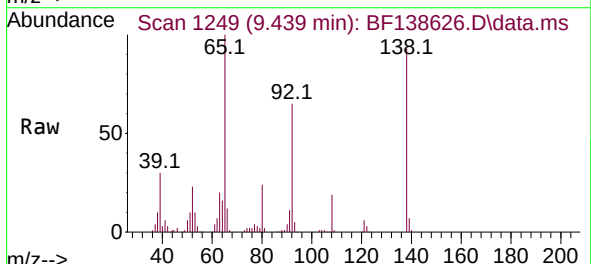
APPROVED

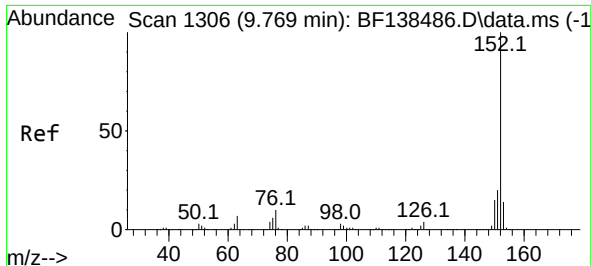
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#48
2-Nitroaniline
Concen: 55.870 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion: 65 Resp: 174872
Ion Ratio Lower Upper
65 100
92 65.1 52.6 78.8
138 92.9 78.6 118.0





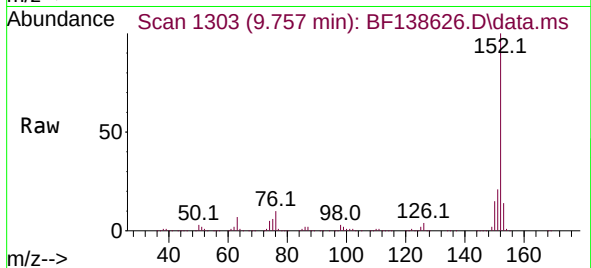
#49
Acenaphthylene
Concen: 57.787 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

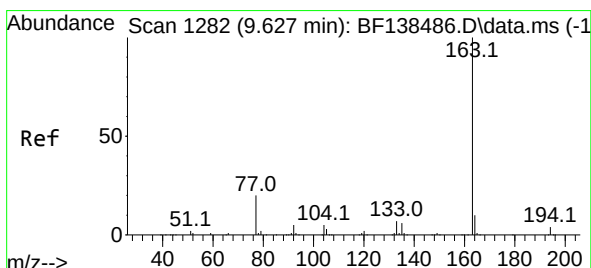
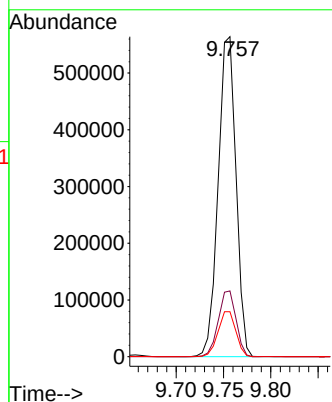
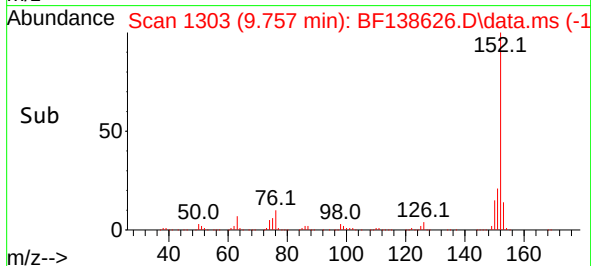


Tgt Ion:152 Resp: 74104
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.1 11.3 16.9

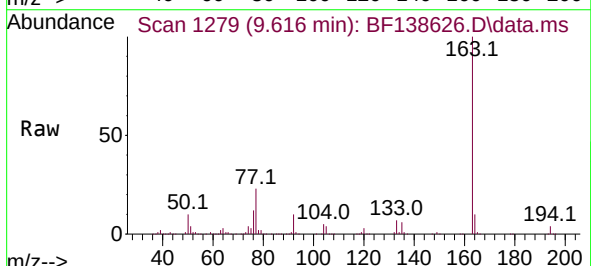
Manual Integrations

APPROVED

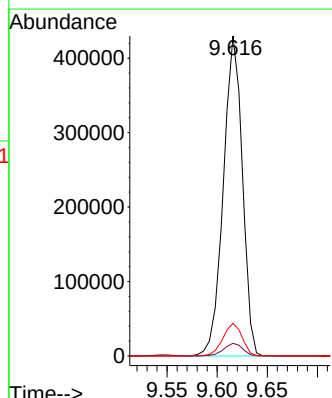
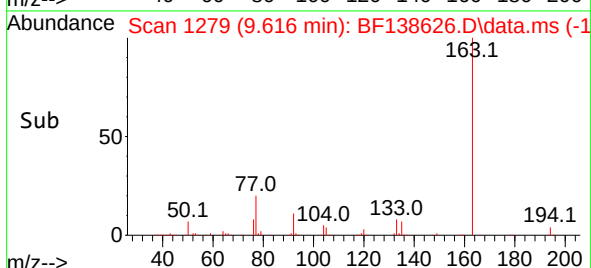
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

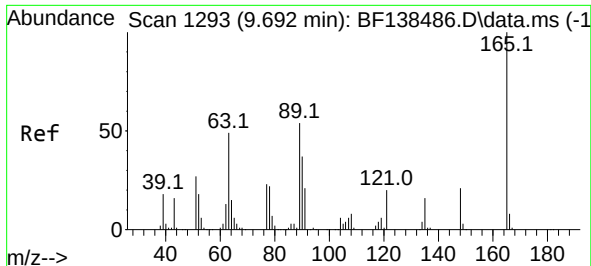


#50
Dimethylphthalate
Concen: 55.558 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:163 Resp: 566763
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1





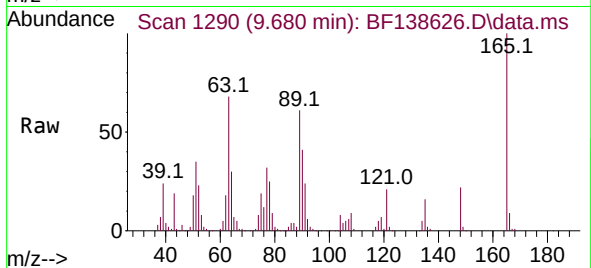
#51
2,6-Dinitrotoluene
Concen: 51.995 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

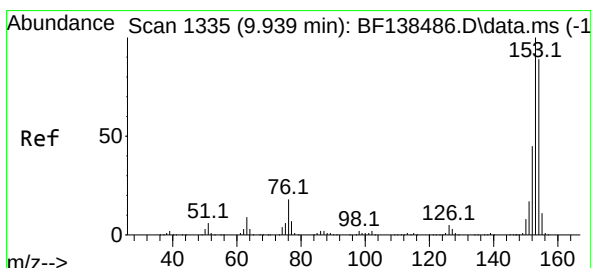
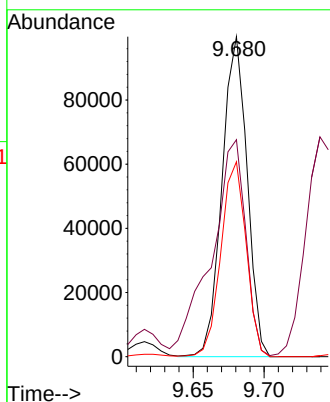
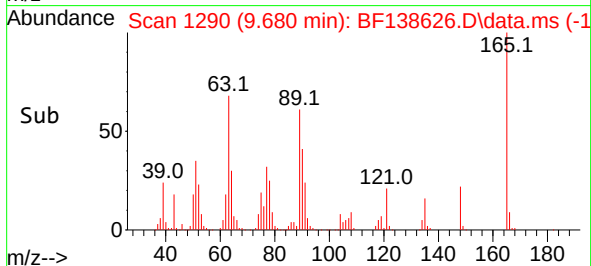


Tgt Ion:165 Resp: 122120
Ion Ratio Lower Upper
165 100
63 67.8 48.1 72.1
89 60.9 43.0 64.6

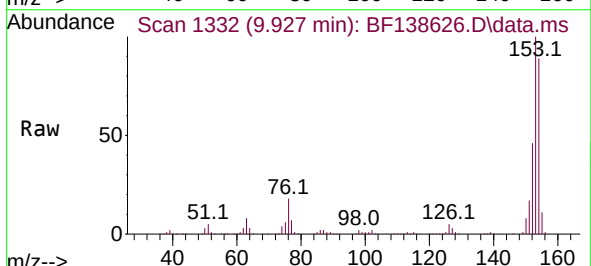
Manual Integrations

APPROVED

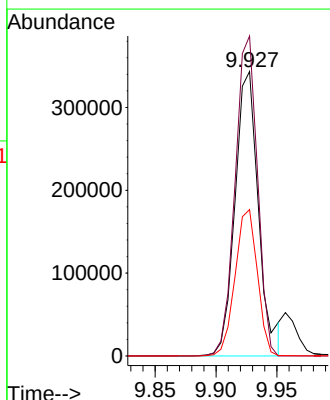
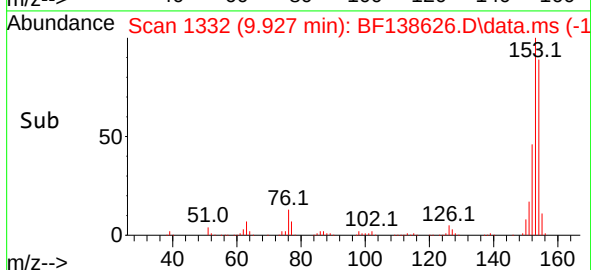
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

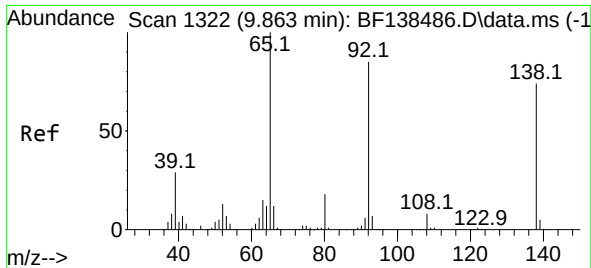


#52
Acenaphthene
Concen: 54.073 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:154 Resp: 460927
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 51.5 41.1 61.7





#53
3-Nitroaniline
Concen: 29.825 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

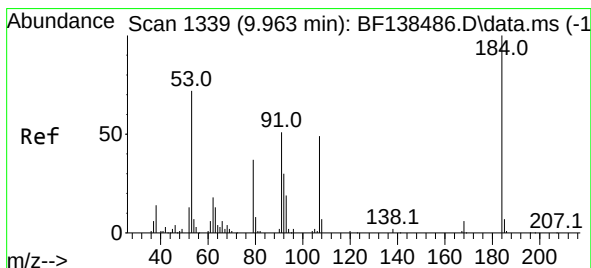
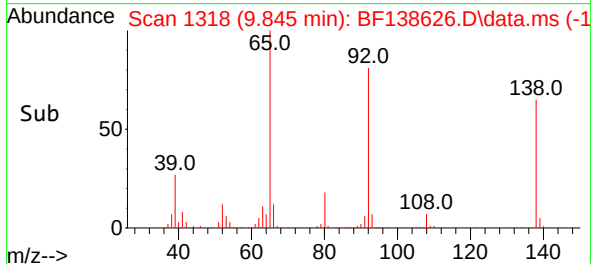
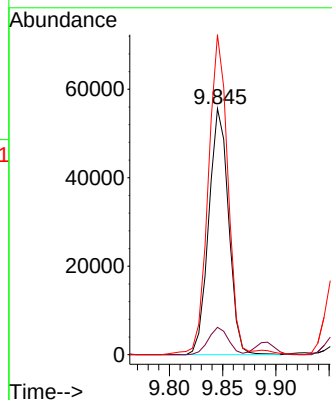
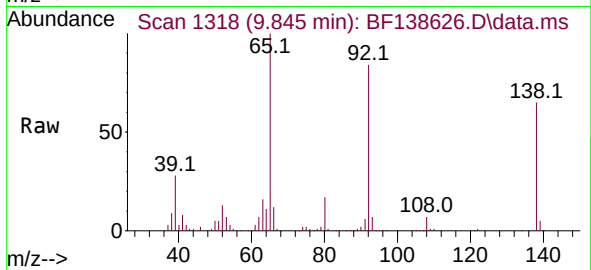
ClientSampleId :

285-290MSD

Tgt Ion:138 Resp: 7180
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 130.1 92.6 138.8

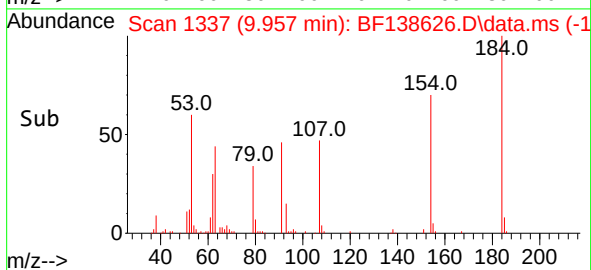
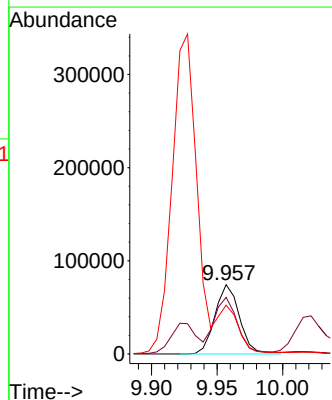
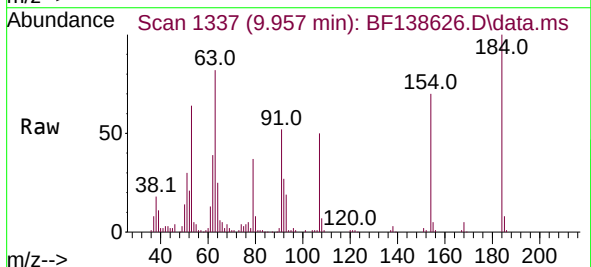
Manual Integrations
APPROVED

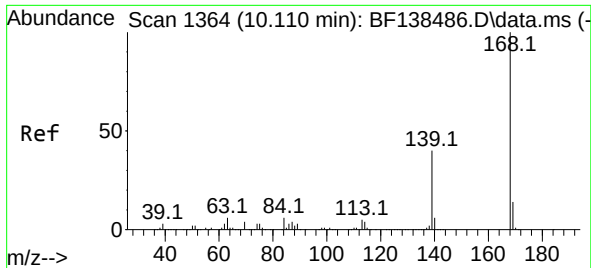
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#54
2,4-Dinitrophenol
Concen: 77.001 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

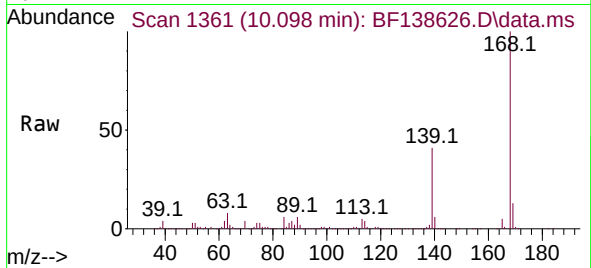
Tgt Ion:184 Resp: 96832
Ion Ratio Lower Upper
184 100
63 81.7 70.6 106.0
154 70.5 53.8 80.6





#55
Dibenzenofuran
Concen: 51.866 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

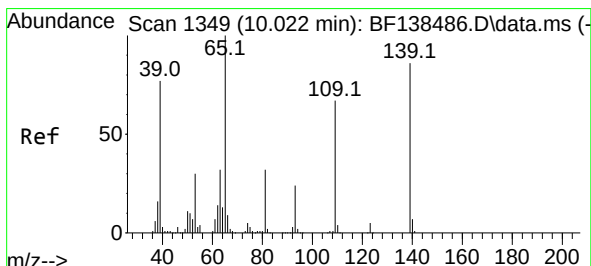
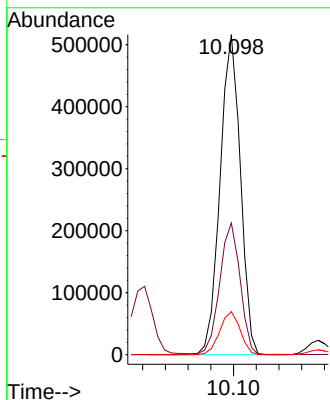
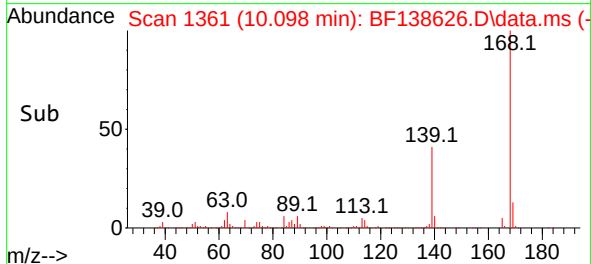
Instrument :
BNA_F
ClientSampleId :
285-290MSD



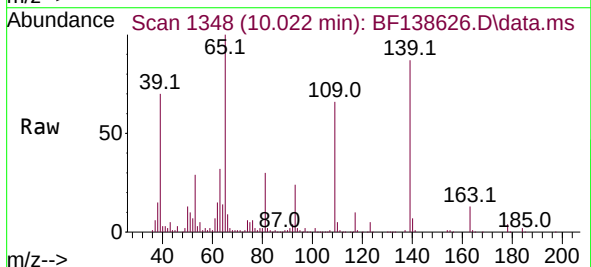
Tgt Ion:168 Resp: 64127
Ion Ratio Lower Upper
168 100
139 41.2 32.4 48.6
169 13.5 10.9 16.3

Manual Integrations
APPROVED

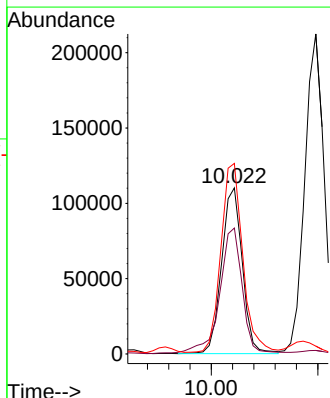
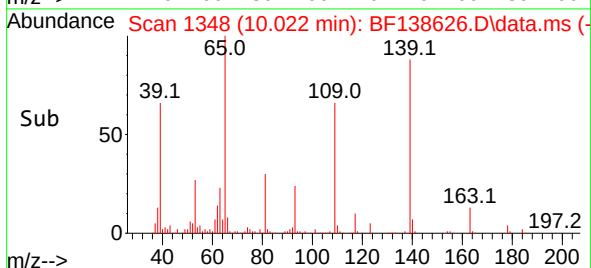
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

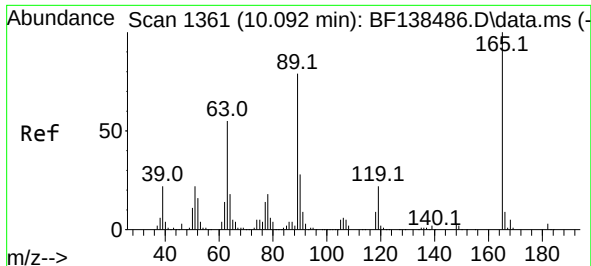


#56
4-Nitrophenol
Concen: 83.712 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:139 Resp: 148698
Ion Ratio Lower Upper
139 100
109 75.8 58.1 98.1
65 114.7 96.9 136.9





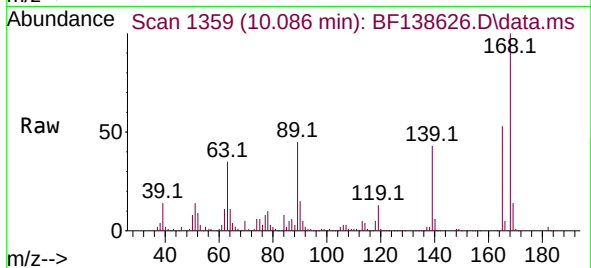
#57
2,4-Dinitrotoluene
Concen: 50.388 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

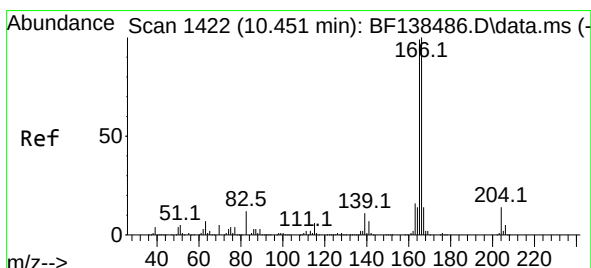
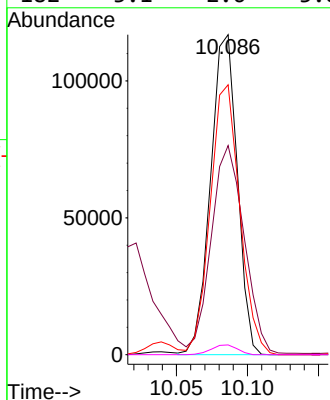
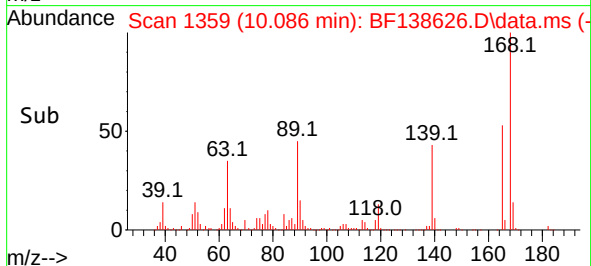


Tgt Ion:165 Resp: 15313
Ion Ratio Lower Upper
165 100
63 65.4 44.6 66.8
89 84.4 63.4 95.2
182 3.1 2.6 3.8

Manual Integrations

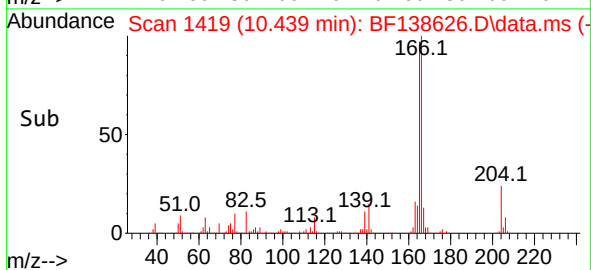
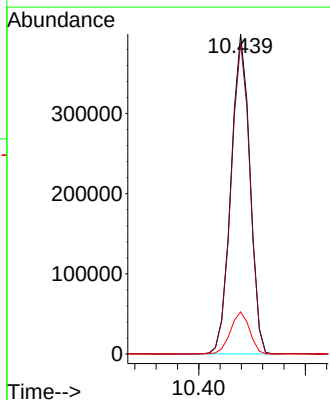
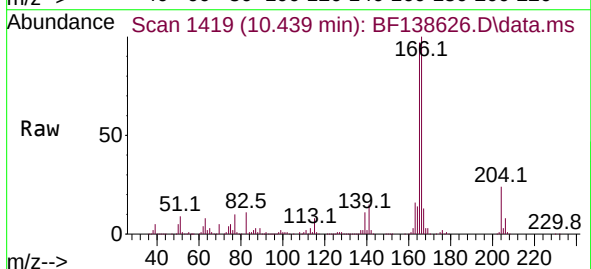
APPROVED

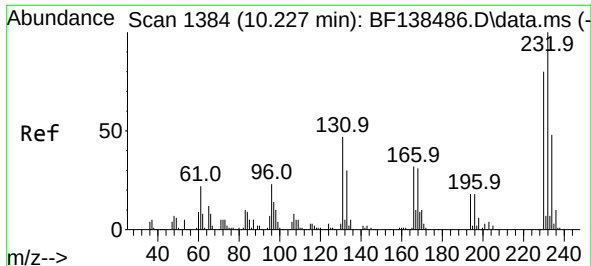
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#58
Fluorene
Concen: 50.374 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

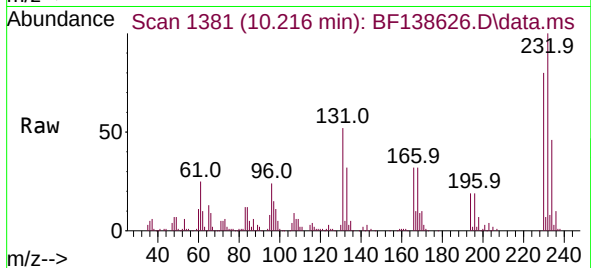
Tgt Ion:166 Resp: 492816
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.432 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

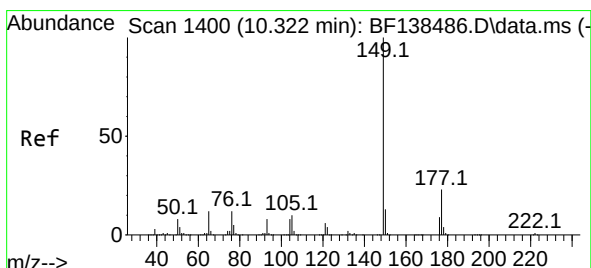
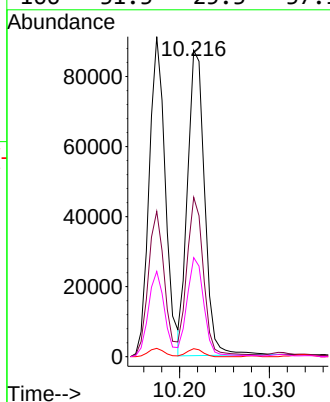
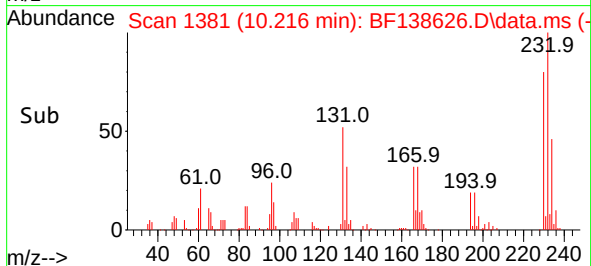
Instrument :
BNA_F
ClientSampleId :
285-290MSD



Tgt Ion:232 Resp: 115479
Ion Ratio Lower Upper
232 100
131 50.4 37.5 56.3
130 2.4 2.0 3.0
166 31.3 25.3 37.9

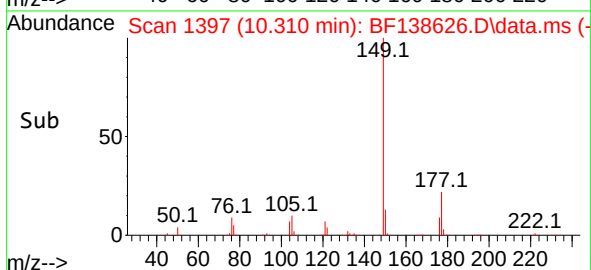
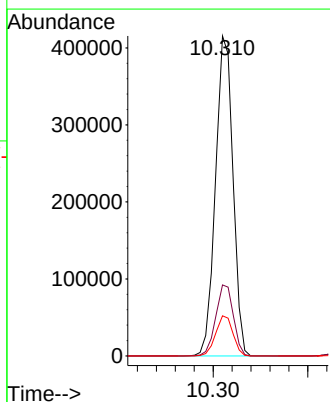
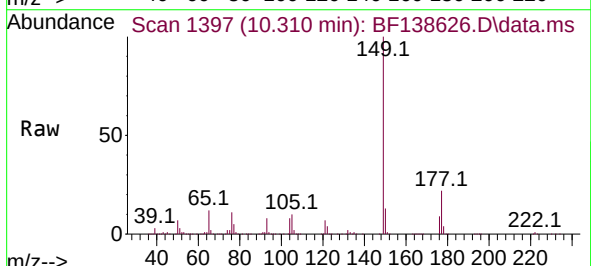
Manual Integrations
APPROVED

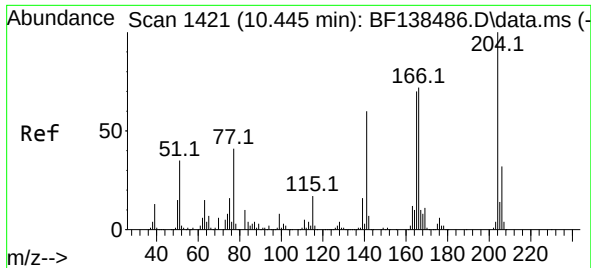
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#60
Diethylphthalate
Concen: 54.070 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

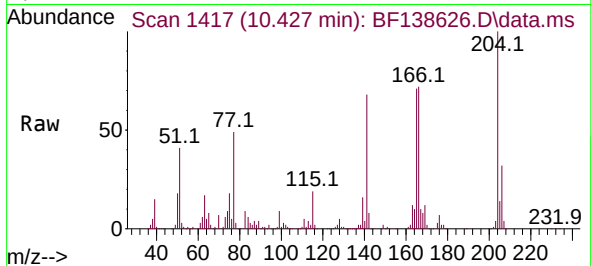
Tgt Ion:149 Resp: 531748
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 49.832 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

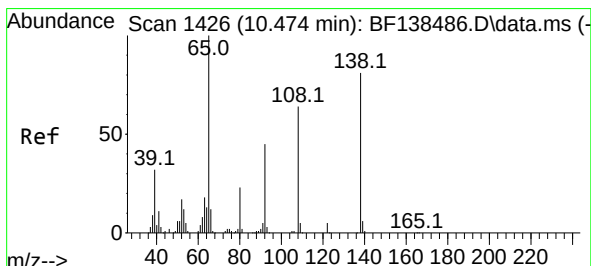
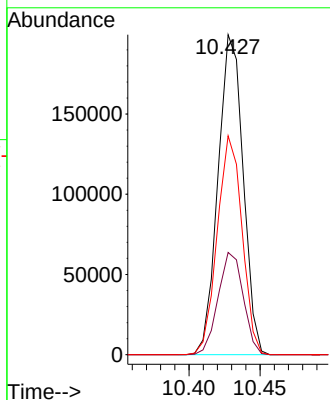
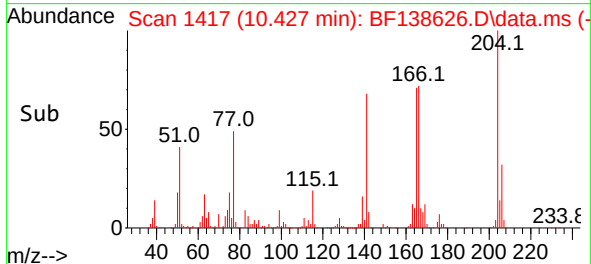
Instrument :
BNA_F
ClientSampleId :
285-290MSD



Tgt Ion:204 Resp: 244800
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 68.4 47.7 71.5

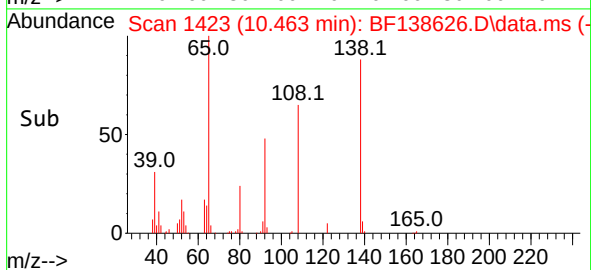
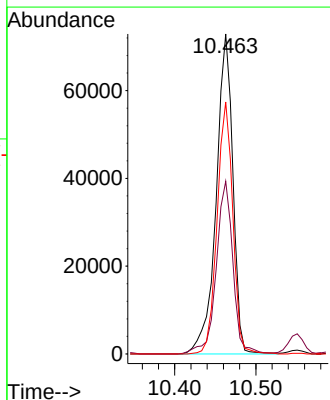
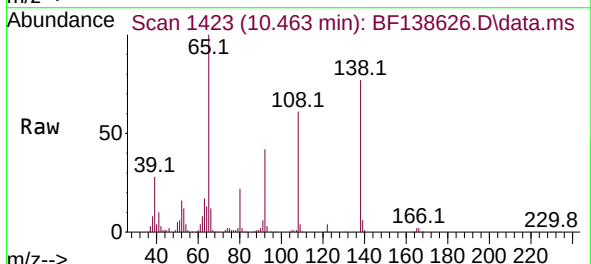
Manual Integrations
APPROVED

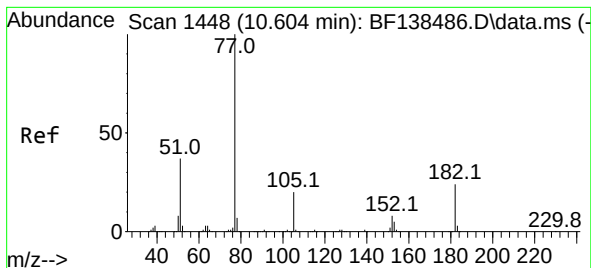
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#62
4-Nitroaniline
Concen: 43.338 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:138 Resp: 104547
Ion Ratio Lower Upper
138 100
92 53.9 35.8 75.8
108 78.8 59.8 99.8





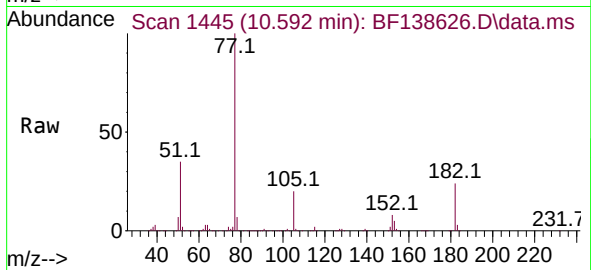
#63
Azobenzene
Concen: 53.357 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

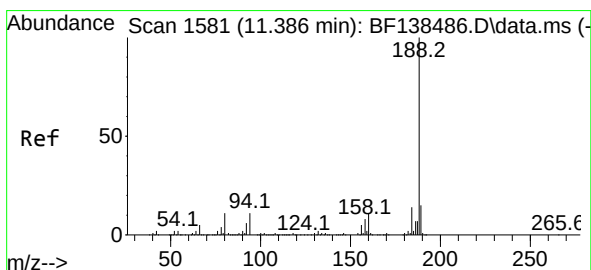
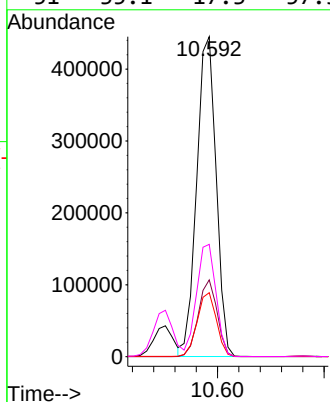
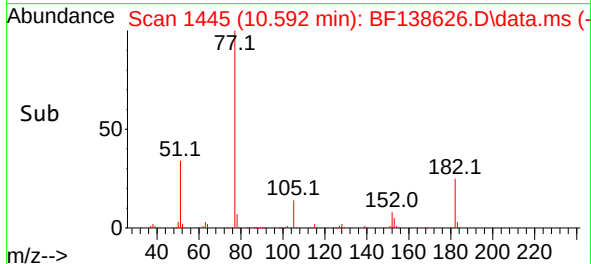


Tgt Ion: 77 Resp: 56416
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 20.0 0.0 39.8
51 35.1 17.3 57.3

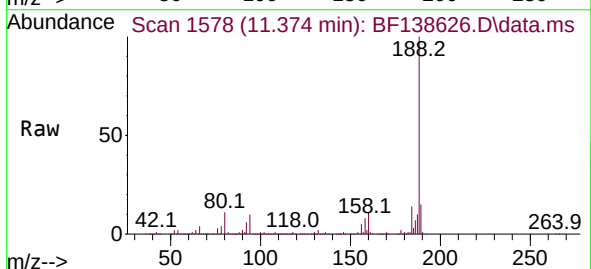
Manual Integrations

APPROVED

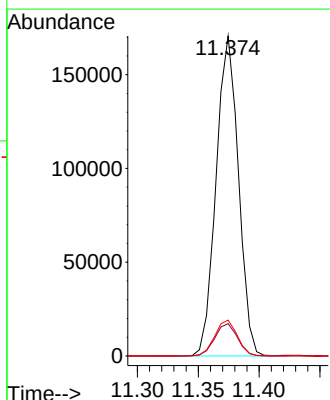
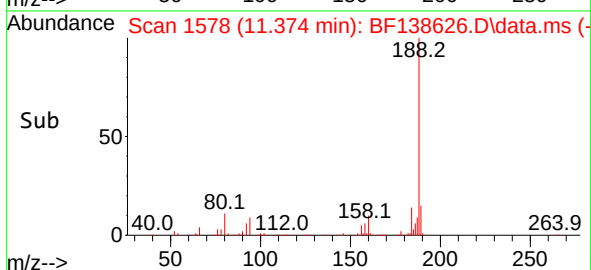
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

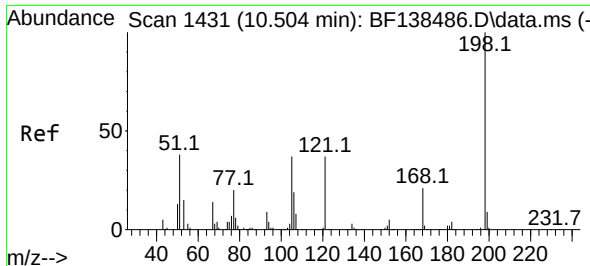


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:188 Resp: 218173
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.2 9.0 13.4





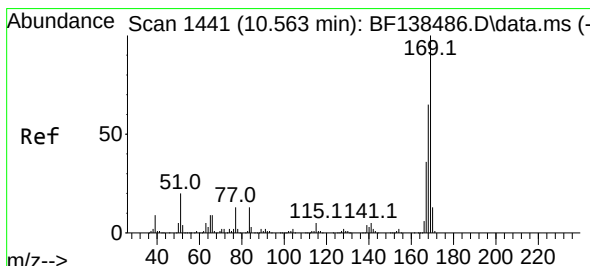
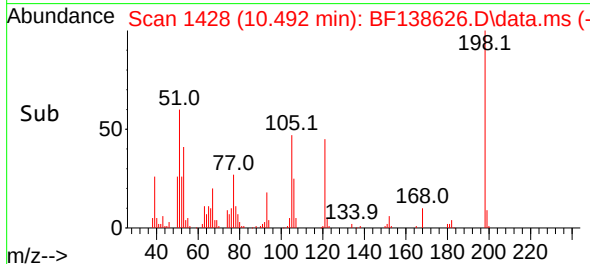
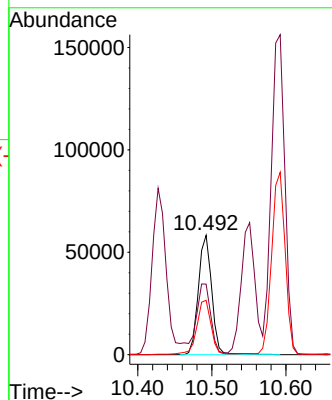
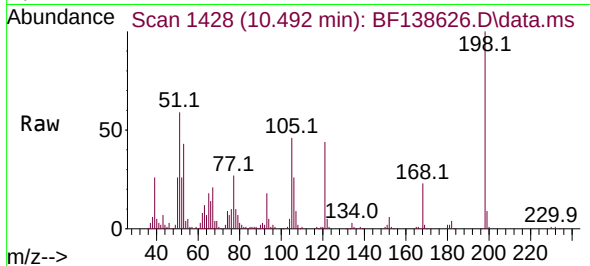
#65
4,6-Dinitro-2-methylphenol
Concen: 57.797 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:198 Resp: 72810
Ion Ratio Lower Upper
198 100
51 59.1 27.2 67.2
105 45.6 18.5 58.5

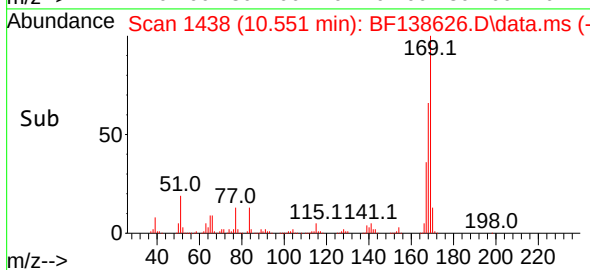
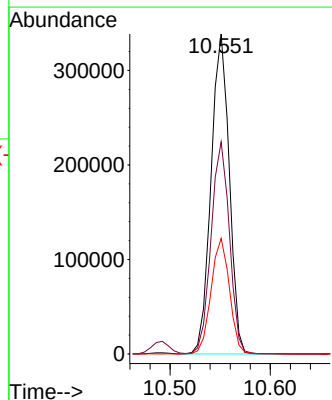
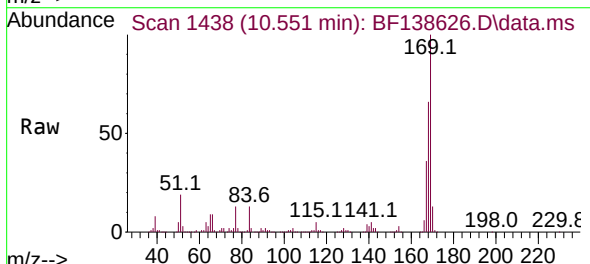
Manual Integrations
APPROVED

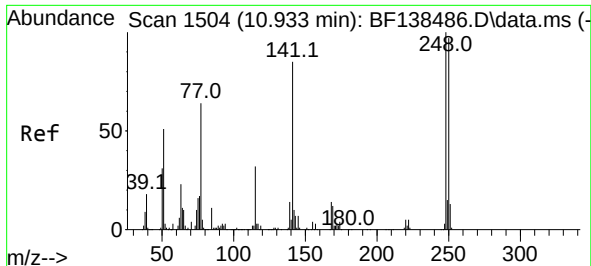
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 65.229 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:169 Resp: 426375
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 36.1 28.5 42.7





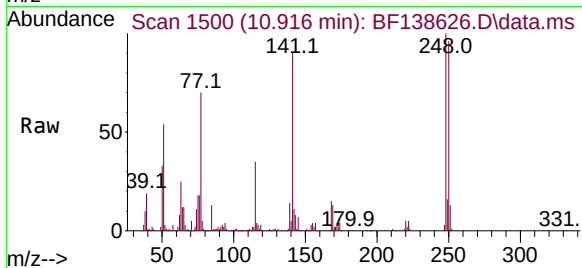
#67
4-Bromophenyl-phenylether
Concen: 61.497 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

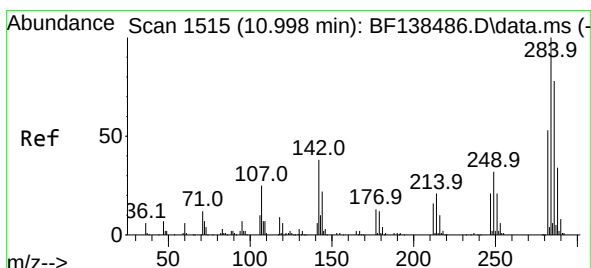
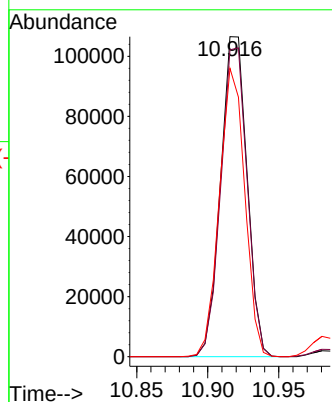
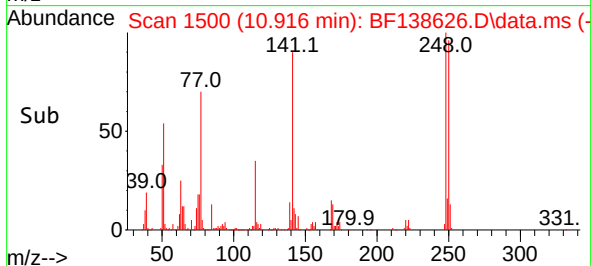


Tgt Ion:248 Resp: 137902
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 90.1 67.7 101.5

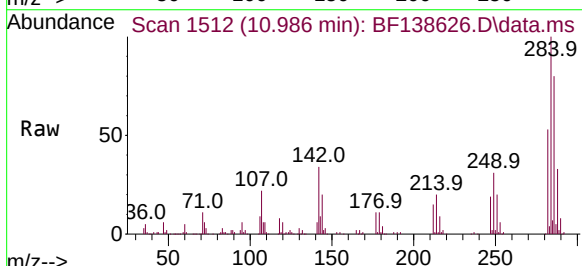
Manual Integrations

APPROVED

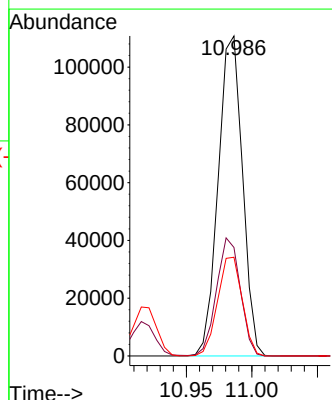
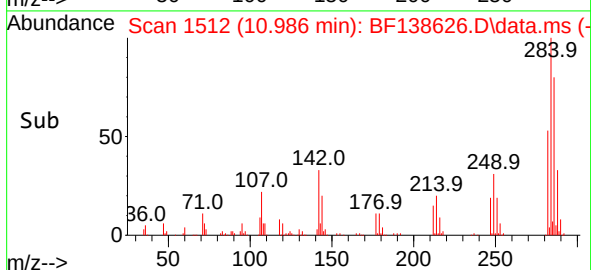
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

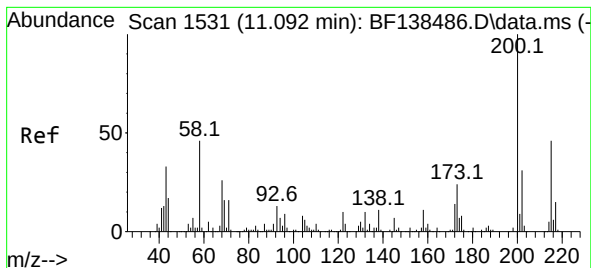


#68
Hexachlorobenzene
Concen: 57.231 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:284 Resp: 142570
Ion Ratio Lower Upper
284 100
142 33.9 30.5 45.7
249 30.8 25.9 38.9





#69

Atrazine

Concen: 55.231 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

Tgt Ion:200 Resp: 119690

Ion Ratio Lower Upper

200 100

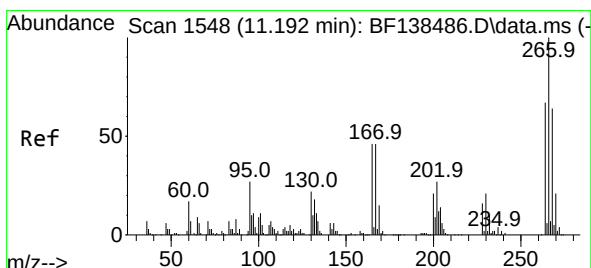
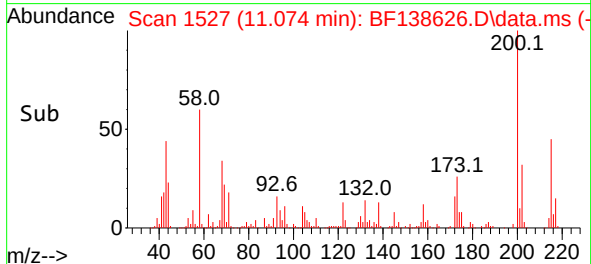
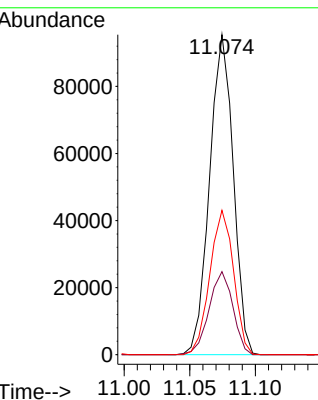
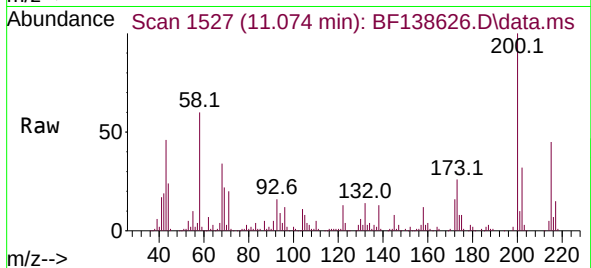
173 26.0 4.1 44.1

215 45.1 26.5 66.5

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 86.855 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

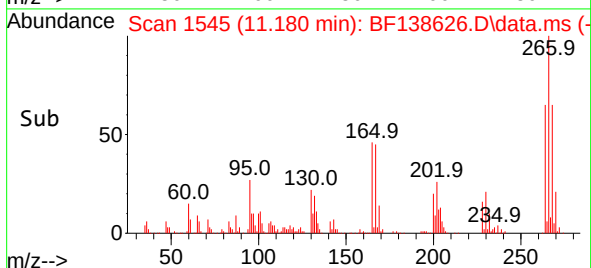
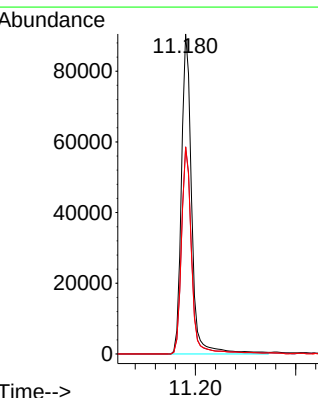
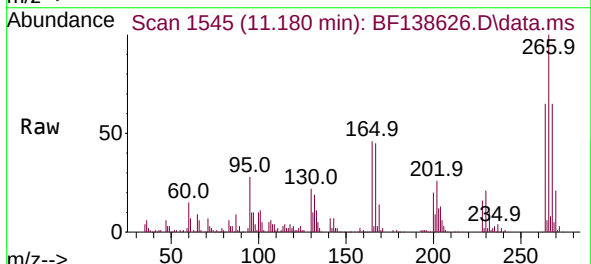
Tgt Ion:266 Resp: 128032

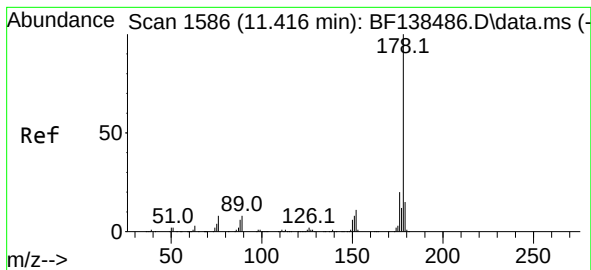
Ion Ratio Lower Upper

266 100

268 64.7 50.9 76.3

264 64.6 53.5 80.3





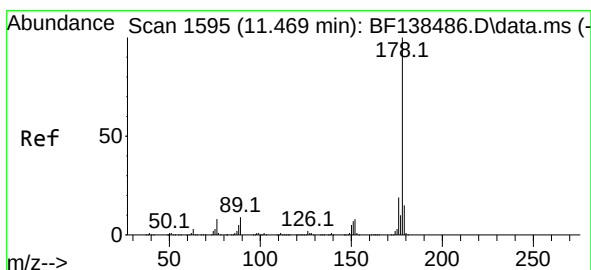
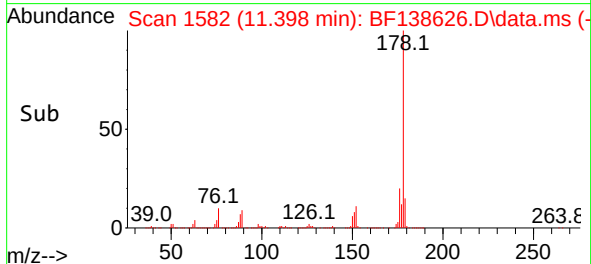
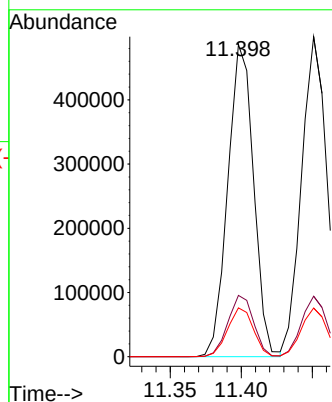
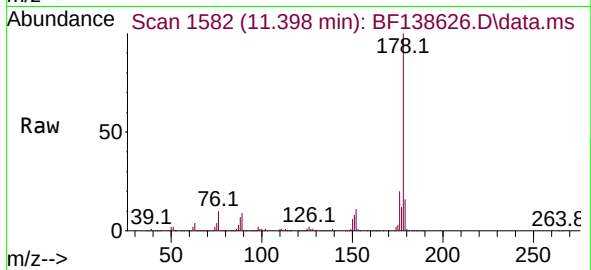
#71
Phenanthrene
Concen: 55.868 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:178 Resp: 61579
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.2 18.2

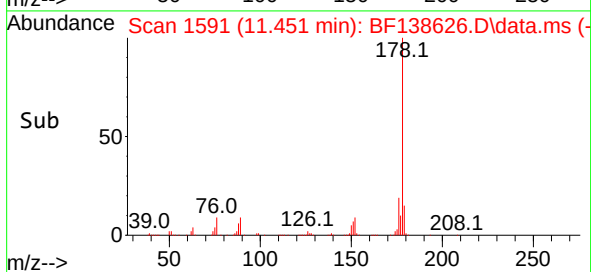
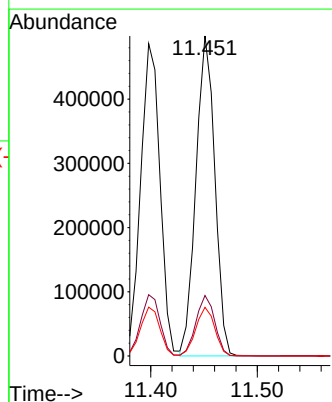
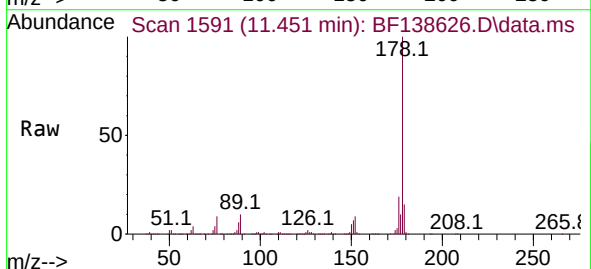
Manual Integrations
APPROVED

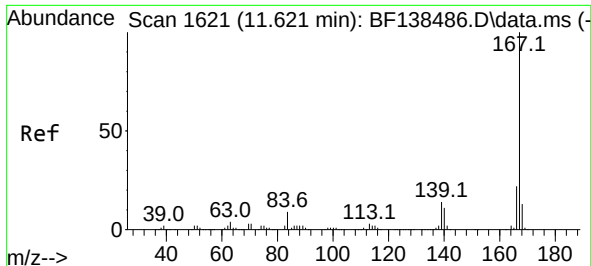
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#72
Anthracene
Concen: 56.247 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:178 Resp: 615421
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.2 12.2 18.4





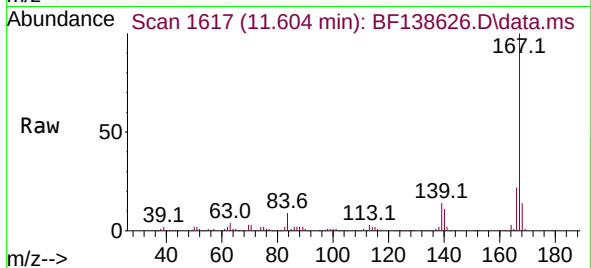
#73
 Carbazole
 Concen: 49.799 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. -0.018 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

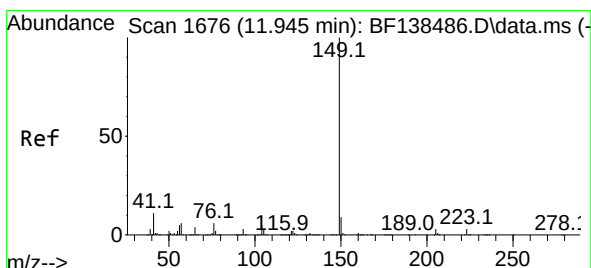
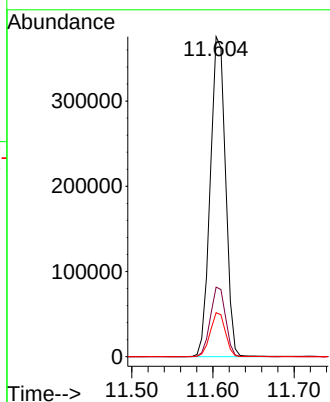
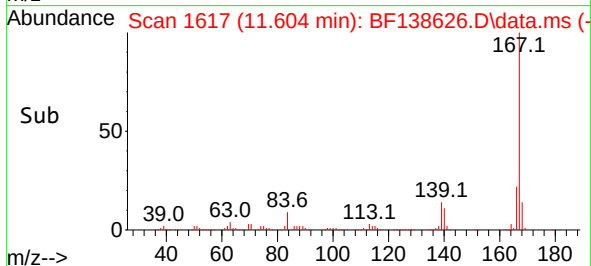


Tgt Ion:167 Resp: 489658
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.8 11.0 16.4

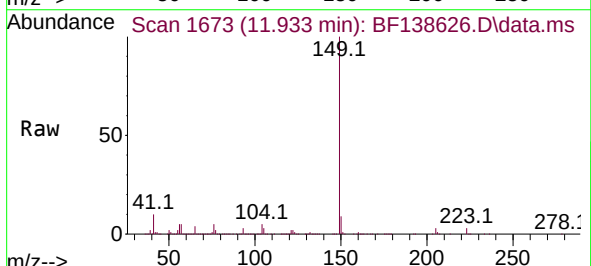
Manual Integrations

APPROVED

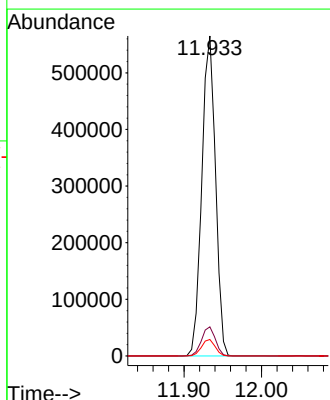
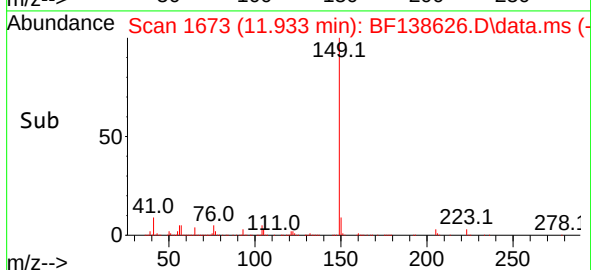
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

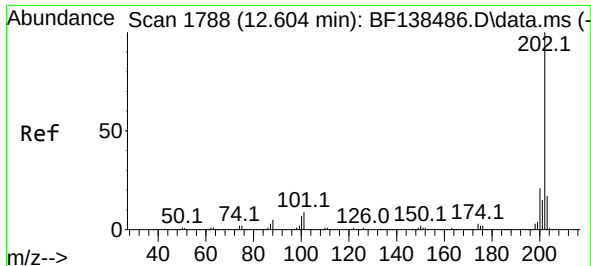


#74
 Di-n-butylphthalate
 Concen: 61.082 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06



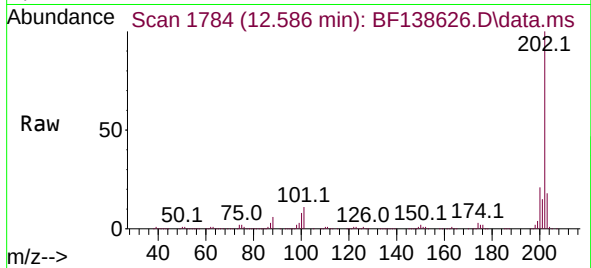
Tgt Ion:149 Resp: 692295
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 43.764 ng
RT: 12.586 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

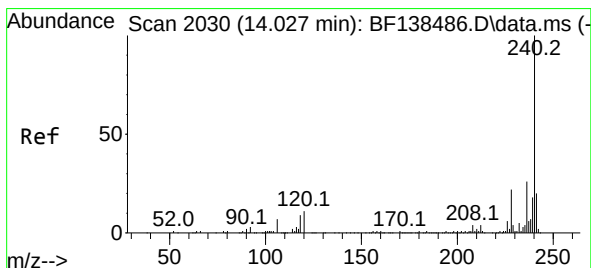
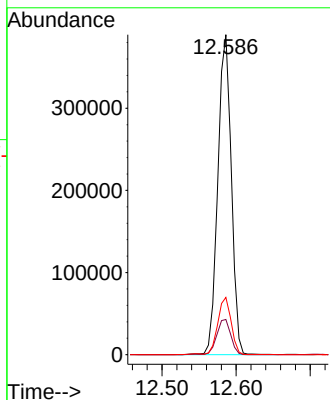
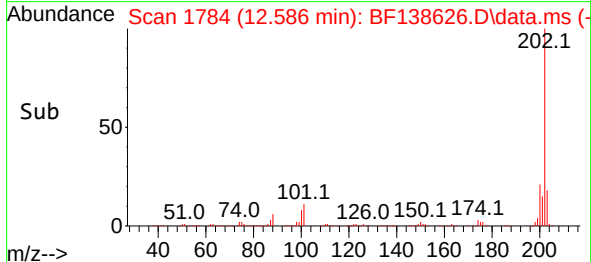
Instrument :
BNA_F
ClientSampleId :
285-290MSD



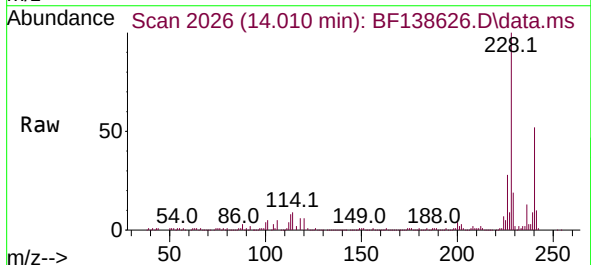
Tgt Ion:202 Resp: 492220
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.9 0.0 37.3

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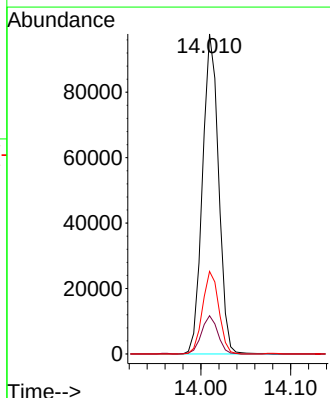
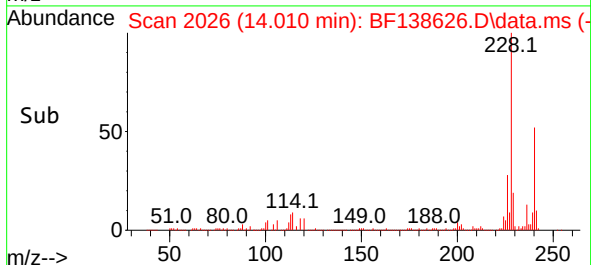
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

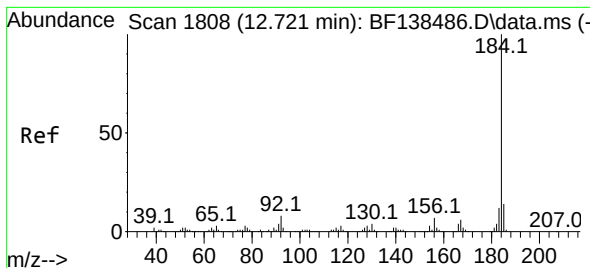


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:240 Resp: 121691
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.8 21.0 31.6





#77

Benzidine

Concen: 35.091 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.017 min

Lab File: BF138626.D

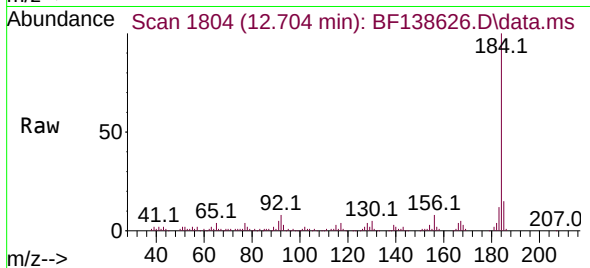
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD



Tgt Ion:184 Resp: 107738

Ion Ratio Lower Upper

184 100

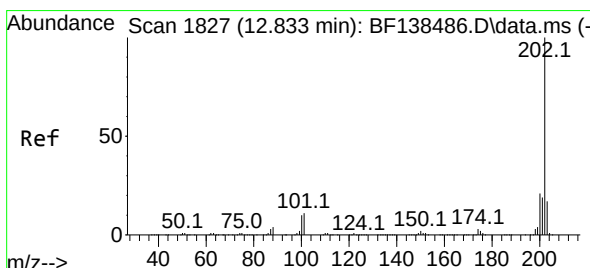
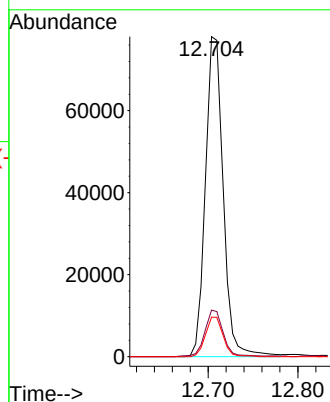
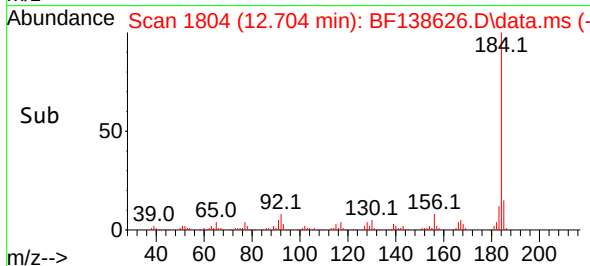
185 14.6 11.3 16.9

183 12.3 9.5 14.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 39.765 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

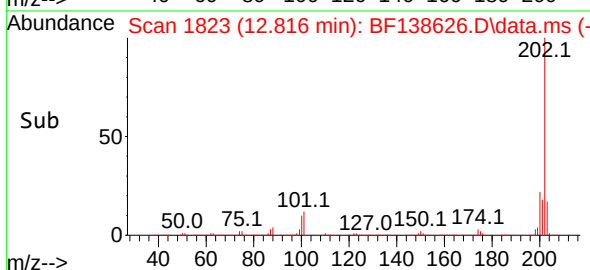
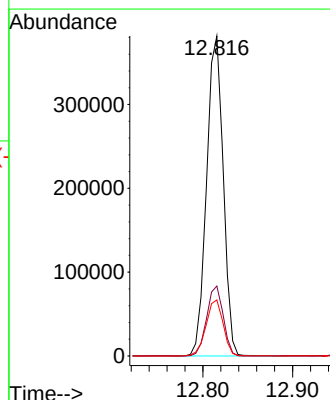
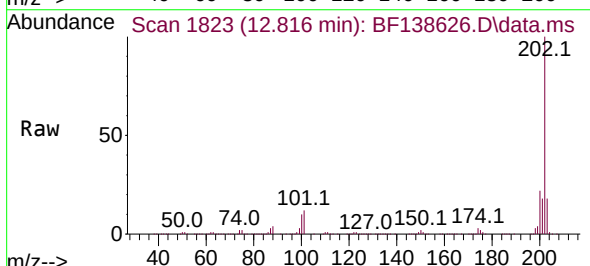
Tgt Ion:202 Resp: 491229

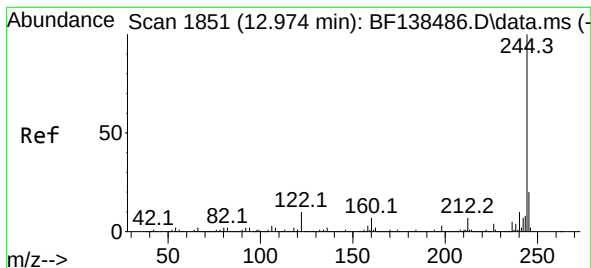
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 71.233 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

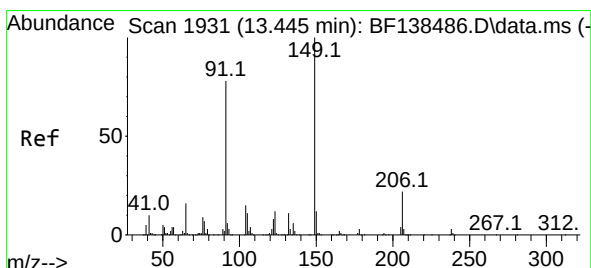
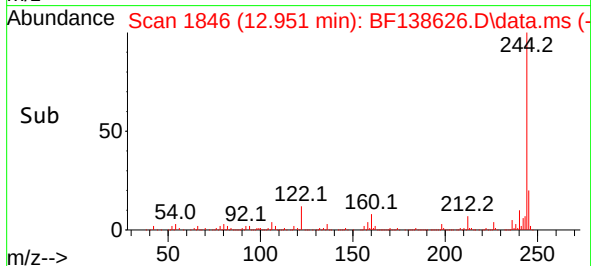
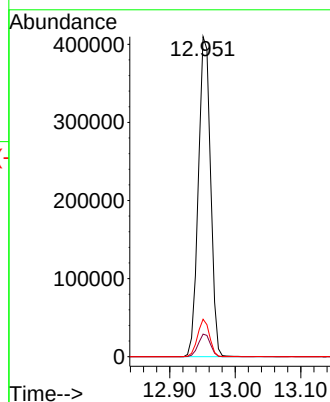
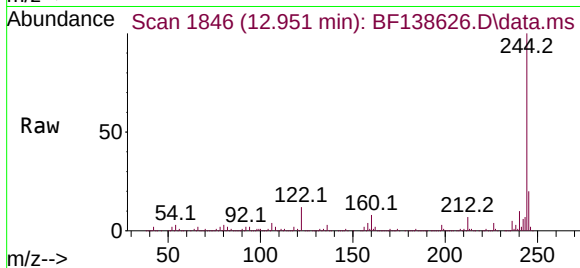
285-290MSD

Tgt Ion:244 Resp: 532091
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 7.8 11.8

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 60.096 ng

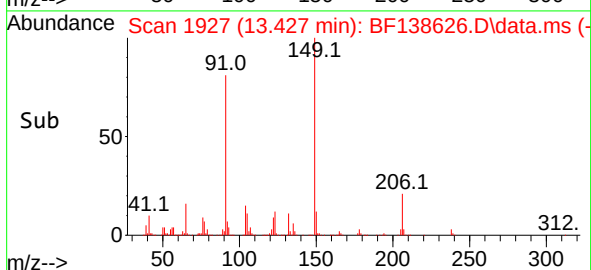
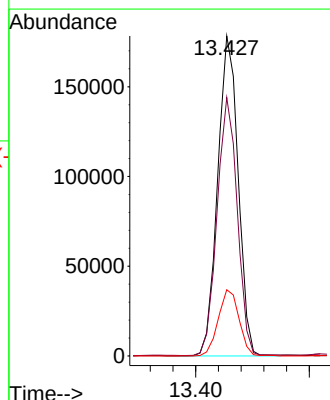
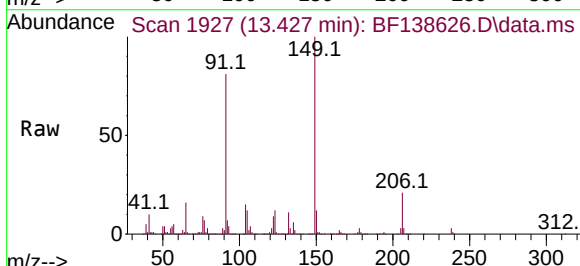
RT: 13.427 min Scan# 1927

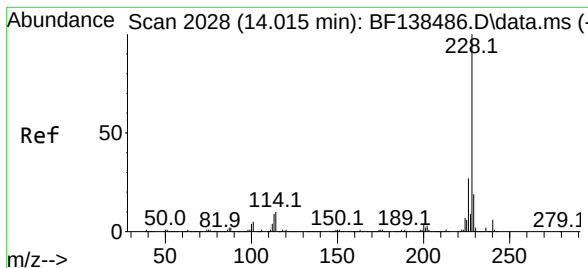
Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

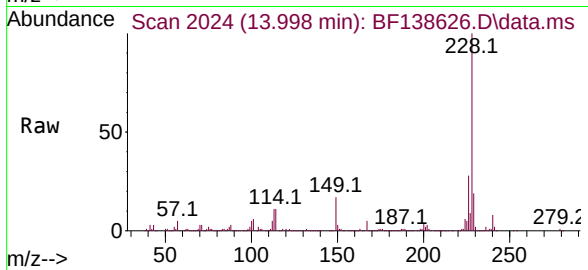
Tgt Ion:149 Resp: 223321
 Ion Ratio Lower Upper
 149 100
 91 80.8 62.1 93.1
 206 20.7 18.0 27.0





#81
Benzo(a)anthracene
Concen: 58.417 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

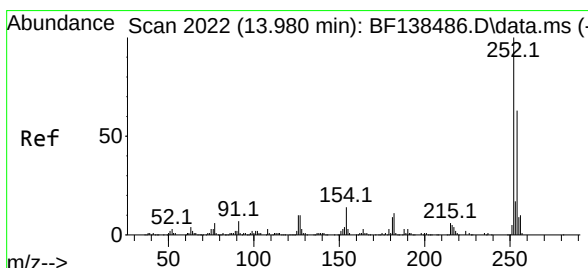
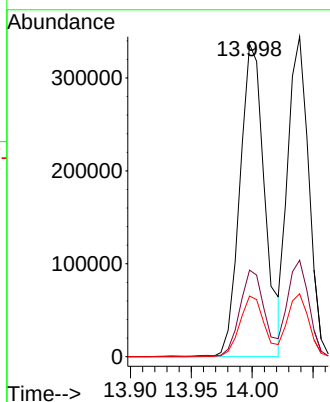
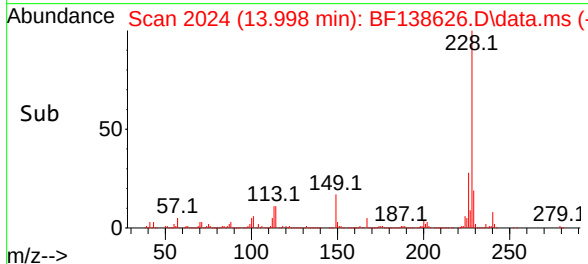
Instrument :
BNA_F
ClientSampleId :
285-290MSD



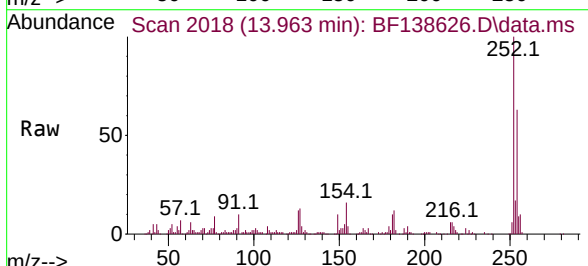
Tgt Ion:228 Resp: 47700
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 19.4 15.5 23.3

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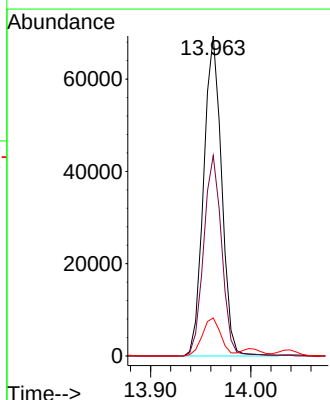
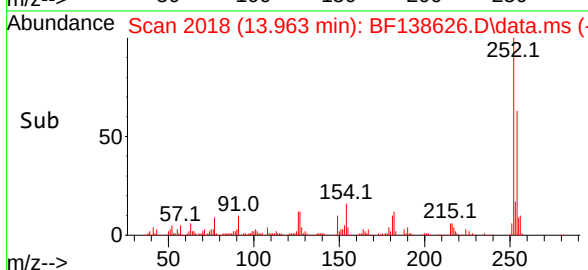
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

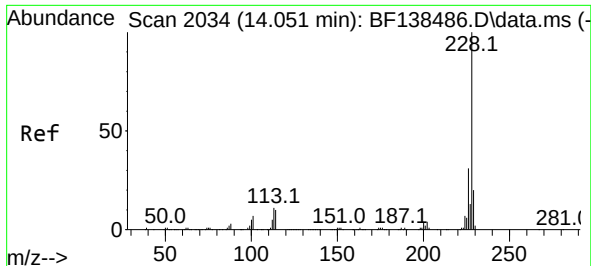


#82
3,3'-Dichlorobenzidine
Concen: 41.150 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion:252 Resp: 86582
Ion Ratio Lower Upper
252 100
254 62.6 50.3 75.5
126 11.9 8.1 12.1





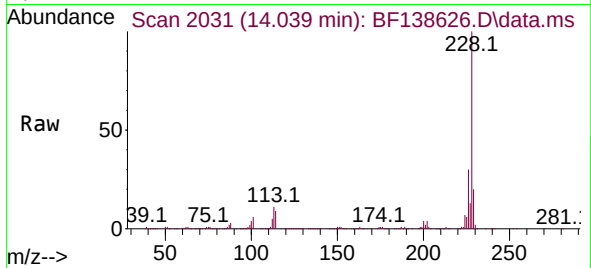
#83
Chrysene
Concen: 53.077 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

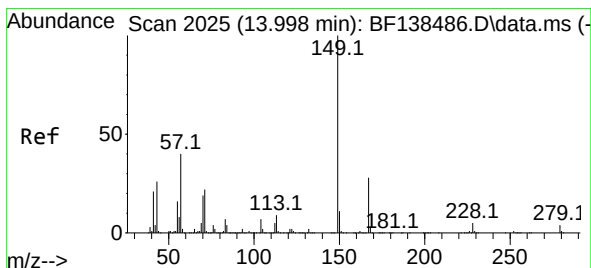
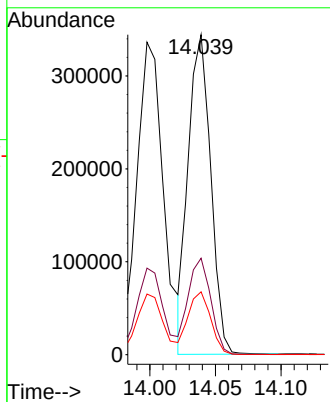
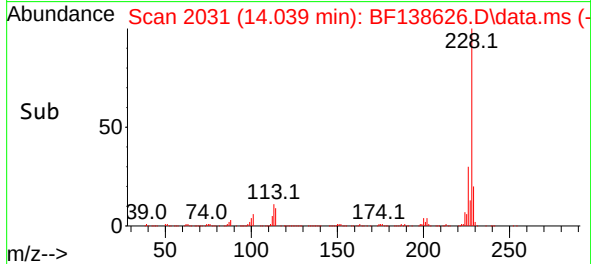


Tgt Ion:228 Resp: 409994
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.6 16.0 24.0

Manual Integrations

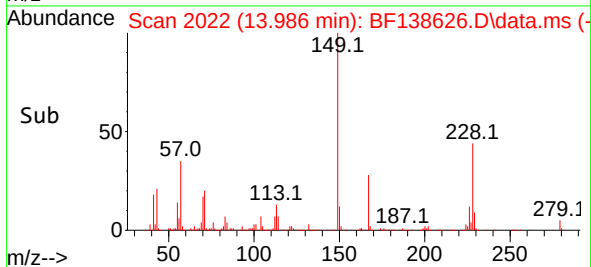
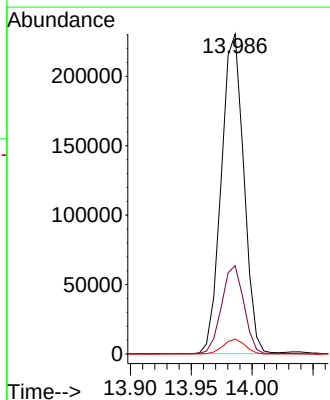
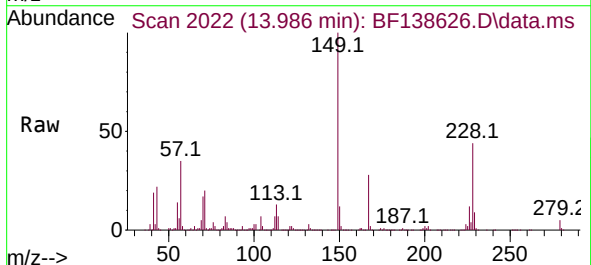
APPROVED

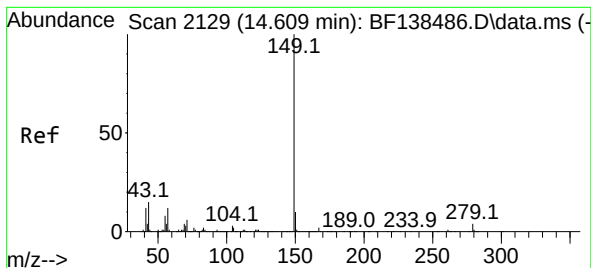
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 74.785 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

Tgt Ion:149 Resp: 296393
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.7 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 84.311 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

Tgt Ion:149 Resp: 527869

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

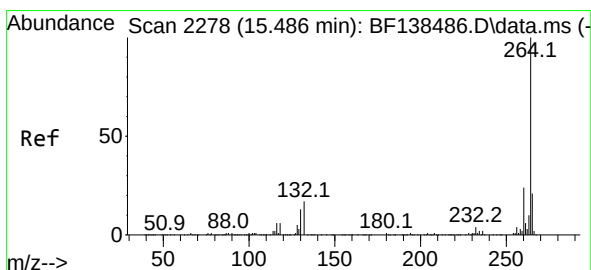
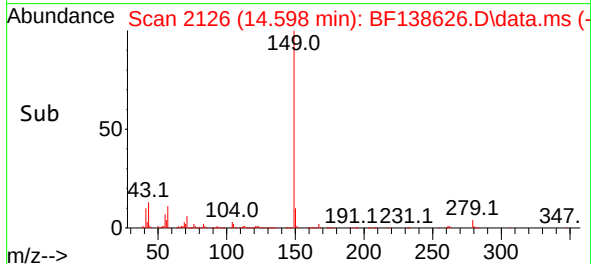
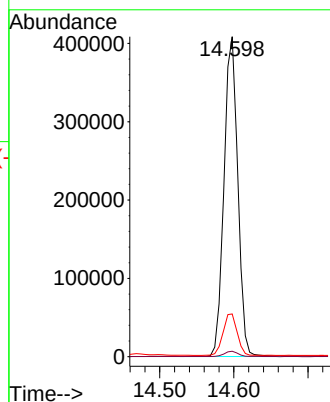
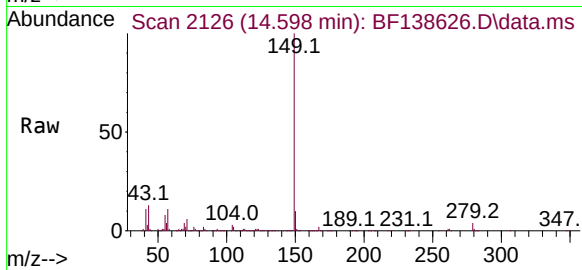
43 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

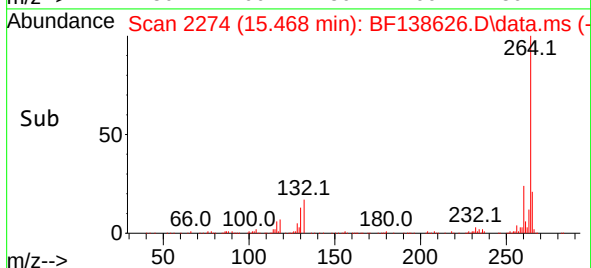
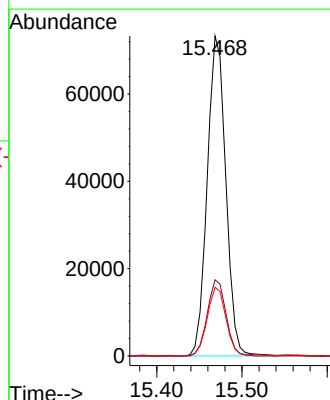
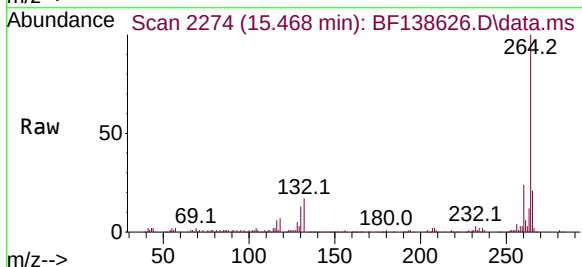
Tgt Ion:264 Resp: 111117

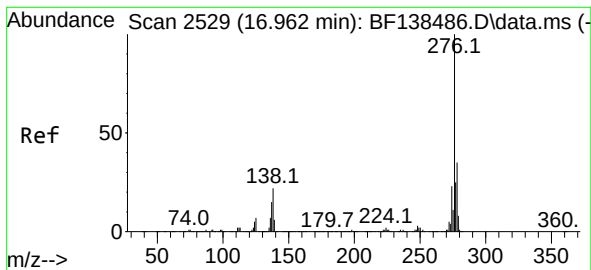
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.5 17.0 25.4





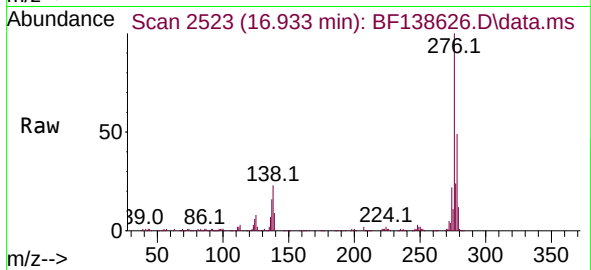
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.553 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

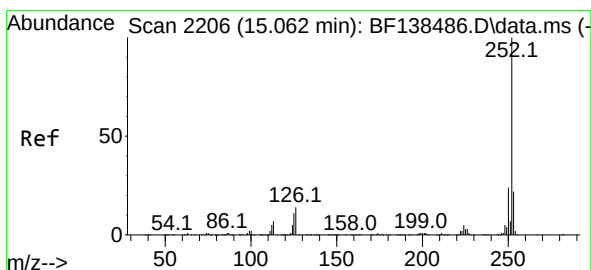
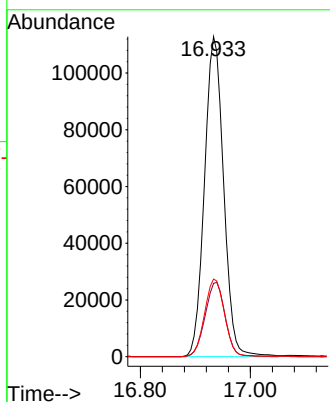
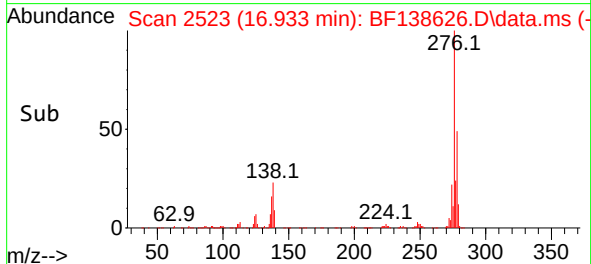


Tgt Ion:276 Resp: 27282
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.6 29.4
 277 25.3 20.5 30.7

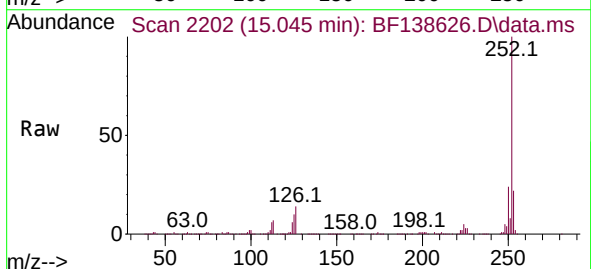
Manual Integrations

APPROVED

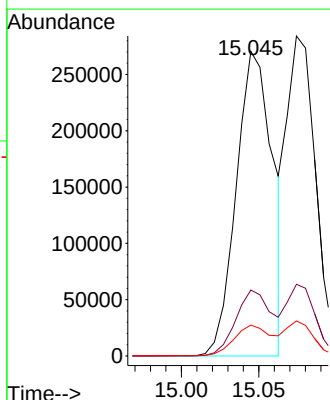
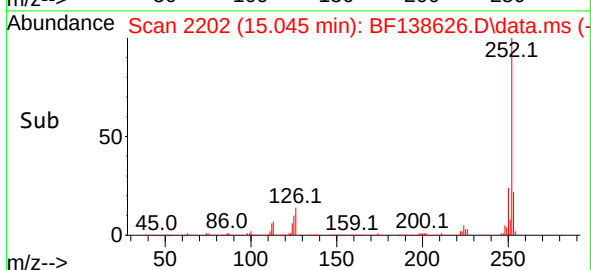
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

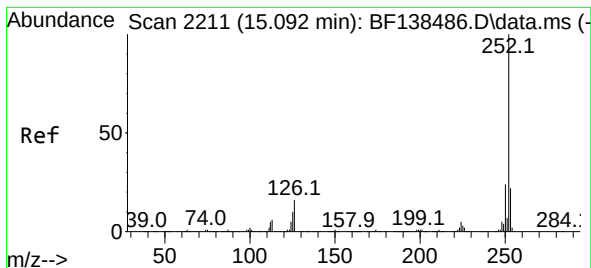


#88
 Benzo(b)fluoranthene
 Concen: 70.772 ng
 RT: 15.045 min Scan# 2202
 Delta R.T. -0.018 min
 Lab File: BF138626.D
 Acq: 23 Jul 2024 19:06



Tgt Ion:252 Resp: 442877
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 10.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 59.895 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

285-290MSD

Tgt Ion:252 Resp: 36555

Ion Ratio Lower Upper

252 100

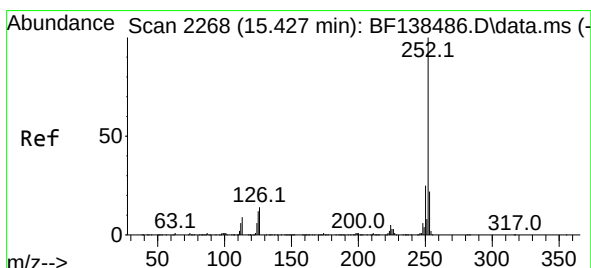
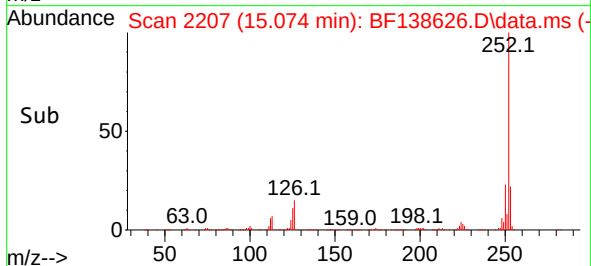
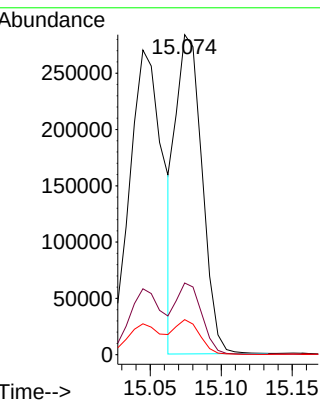
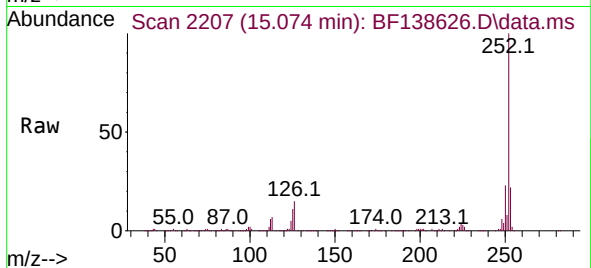
253 22.4 17.7 26.5

125 10.9 8.1 12.1

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 60.263 ng

RT: 15.409 min Scan# 2264

Delta R.T. -0.018 min

Lab File: BF138626.D

Acq: 23 Jul 2024 19:06

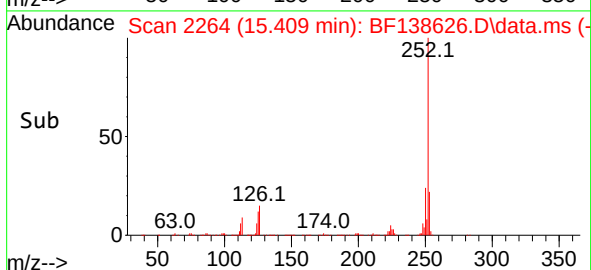
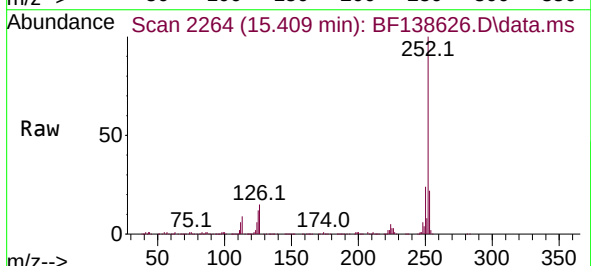
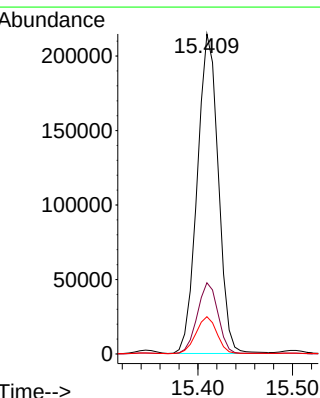
Tgt Ion:252 Resp: 331277

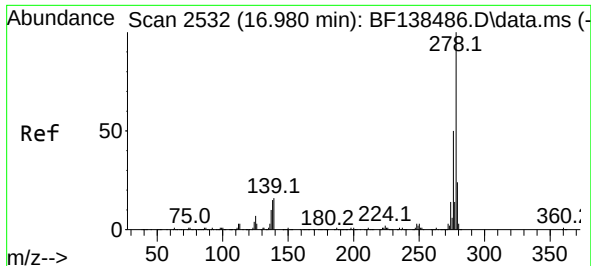
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

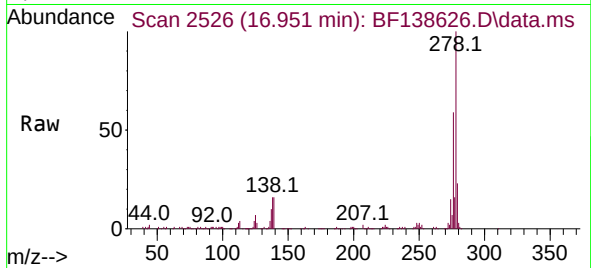
125 11.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 36.324 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06

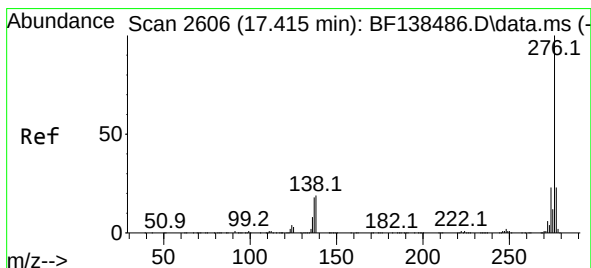
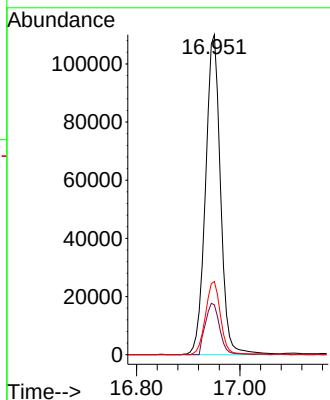
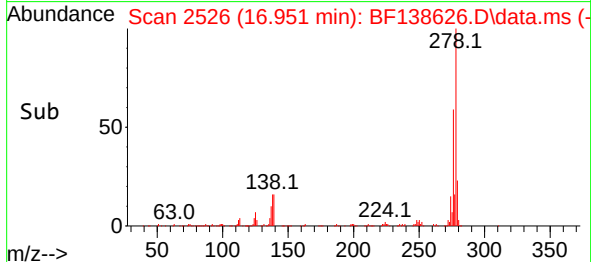
Instrument :
BNA_F
ClientSampleId :
285-290MSD



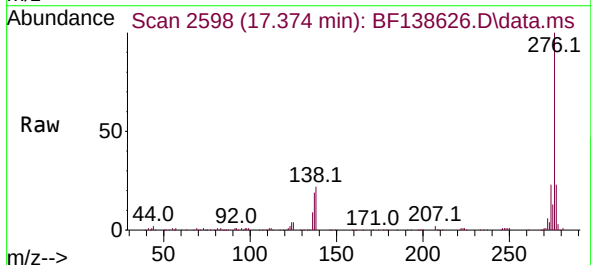
Tgt Ion: 278 Resp: 221772
Ion Ratio Lower Upper
278 100
139 15.6 12.8 19.2
279 22.9 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 32.218 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138626.D
Acq: 23 Jul 2024 19:06



Tgt Ion: 276 Resp: 208584
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.6 15.5 23.3

