

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134373.D
 Acq On : 19 Jul 2023 23:04
 Operator : CG\JU
 Sample : 03639-21MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD

Quant Time: Jul 20 00:47:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	89062	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	322215	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126753	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	236493	20.000	ng	0.00
76) Chrysene-d12	14.033	240	167931	20.000	ng	0.00
86) Perylene-d12	15.539	264	135477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	441016	82.832	ng	0.01
7) Phenol-d6	6.487	99	527887	80.621	ng	0.00
23) Nitrobenzene-d5	7.404	82	351585	58.819	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	148429	93.397	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	661617	75.889	ng	-0.01
79) Terphenyl-d14	12.963	244	507586	48.646	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	80670	36.746	ng	99
3) Pyridine	3.463	79	208659	36.490	ng	97
4) n-Nitrosodimethylamine	3.434	42	133018	40.729	ng	98
6) Aniline	6.504	93	308498	38.718	ng	# 71
8) 2-Chlorophenol	6.628	128	248988	46.068	ng	97
9) Benzaldehyde	6.392	77	147080	41.206	ng	97
10) Phenol	6.498	94	303617	44.102	ng	79
11) bis(2-Chloroethyl)ether	6.575	93	231151	45.605	ng	98
12) 1,3-Dichlorobenzene	6.781	146	278037	48.253	ng	98
13) 1,4-Dichlorobenzene	6.857	146	278700	47.887	ng	98
14) 1,2-Dichlorobenzene	7.004	146	266224	48.843	ng	100
15) Benzyl Alcohol	6.986	79	232098	45.981	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	355469	39.643	ng	87
17) 2-Methylphenol	7.098	107	202160	41.770	ng	93
18) Hexachloroethane	7.345	117	95417	44.216	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	161724	38.947	ng	94
20) 3+4-Methylphenols	7.251	107	225847	38.465	ng	93
22) Acetophenone	7.251	105	316321	43.166	ng	# 96
24) Nitrobenzene	7.422	77	277751	45.983	ng	93
25) Isophorone	7.663	82	476652	43.876	ng	99
26) 2-Nitrophenol	7.739	139	119966	41.401	ng	97
27) 2,4-Dimethylphenol	7.781	122	179781	39.196	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	252709	40.174	ng	99
29) 2,4-Dichlorophenol	7.981	162	210542	46.290	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	227951	48.571	ng	97
31) Naphthalene	8.139	128	669290	43.002	ng	99
32) Benzoic acid	7.916	122	133394m	38.811	ng	
33) 4-Chloroaniline	8.192	127	170885	25.667	ng	99
34) Hexachlorobutadiene	8.251	225	137849	46.564	ng	98
35) Caprolactam	8.575	113	65237m	43.561	ng	
36) 4-Chloro-3-methylphenol	8.680	107	232262	45.456	ng	95
37) 2-Methylnaphthalene	8.833	142	464551	42.208	ng	98
38) 1-Methylnaphthalene	8.933	142	372920	36.447	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	227378	60.549	ng	98
41) Hexachlorocyclopentadiene	8.980	237	46980	26.370	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	130098	50.892	ng	98

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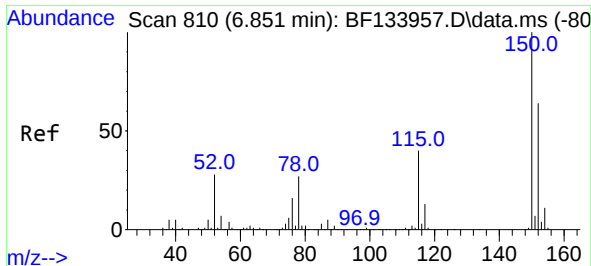
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	153471	51.038	ng	94
46) 1,1'-Biphenyl	9.298	154	551768	54.267	ng	97
47) 2-Chloronaphthalene	9.322	162	415883	55.903	ng	96
48) 2-Nitroaniline	9.427	65	140247	51.728	ng	92
49) Acenaphthylene	9.739	152	665078	52.334	ng	99
50) Dimethylphthalate	9.598	163	521211	56.647	ng	99
51) 2,6-Dinitrotoluene	9.669	165	108876	54.939	ng	95
52) Acenaphthene	9.910	154	352302	47.776	ng	100
53) 3-Nitroaniline	9.839	138	87649	36.867	ng	94
54) 2,4-Dinitrophenol	9.951	184	37557	35.095	ng	93
55) Dibenzofuran	10.086	168	584251	50.697	ng	100
56) 4-Nitrophenol	10.016	139	145358	87.408	ng	94
57) 2,4-Dinitrotoluene	10.080	165	131422	50.216	ng	# 86
58) Fluorene	10.427	166	452428	50.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	108357	45.683	ng	94
60) Diethylphthalate	10.304	149	544399	56.791	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	237866	55.051	ng	96
62) 4-Nitroaniline	10.457	138	98882	41.270	ng	94
63) Azobenzene	10.580	77	452302	49.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	33045	25.629	ng	97
66) n-Nitrosodiphenylamine	10.539	169	421009	55.718	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	144457	57.469	ng	94
68) Hexachlorobenzene	10.980	284	149167	55.891	ng	94
69) Atrazine	11.074	200	125023	59.818	ng	99
70) Pentachlorophenol	11.180	266	125897	78.894	ng	97
71) Phenanthrene	11.398	178	580994	48.801	ng	99
72) Anthracene	11.445	178	577752	46.657	ng	99
73) Carbazole	11.610	167	527786	46.565	ng	98
74) Di-n-butylphthalate	11.933	149	734223	54.473	ng	99
75) Fluoranthene	12.592	202	519201	40.339	ng	97
77) Benzidine	12.721	184	323808	81.037	ng	98
78) Pyrene	12.821	202	527743	33.769	ng	100
80) Butylbenzylphthalate	13.445	149	243637	41.567	ng	96
81) Benzo(a)anthracene	14.021	228	536944	46.104	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	203431	55.133	ng	99
83) Chrysene	14.062	228	466184	41.328	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	407762	60.544	ng	100
85) Di-n-octyl phthalate	14.627	149	637858	64.455	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	356835	37.958	ng	95
88) Benzo(b)fluoranthene	15.098	252	431742	54.197	ng	98
89) Benzo(k)fluoranthene	15.127	252	380821	46.952	ng	# 98
90) Benzo(a)pyrene	15.474	252	341482	44.330	ng	97
91) Dibenzo(a,h)anthracene	17.103	278	309293	40.281	ng	# 96
92) Benzo(g,h,i)perylene	17.556	276	247720	31.285	ng	# 95

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



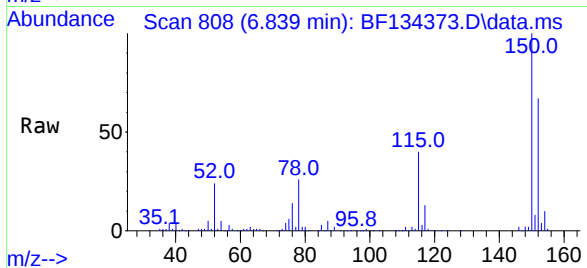
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

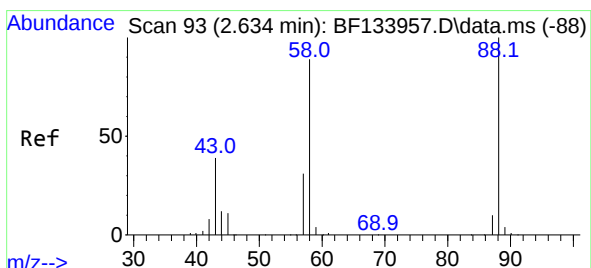
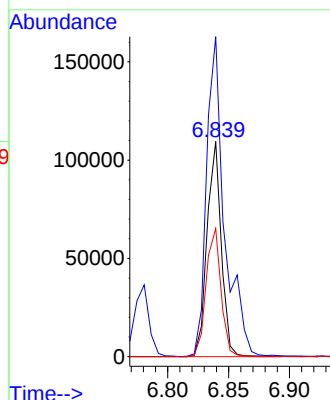
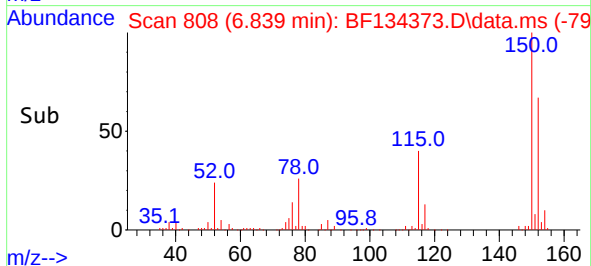


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Ion Ratio Lower Upper
152 100
150 148.7 124.5 186.7
115 59.5 50.2 75.2

Manual Integrations

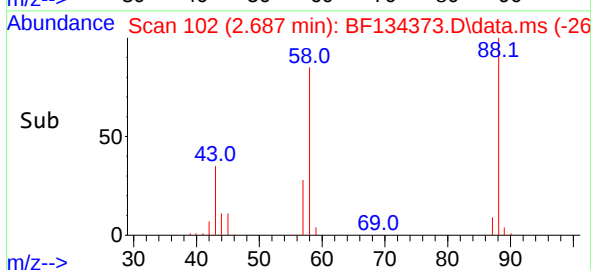
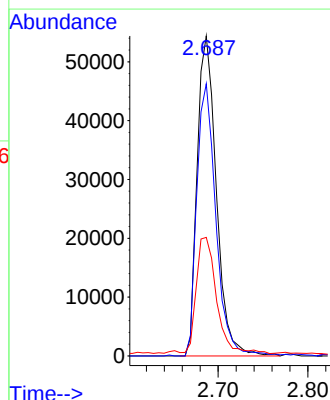
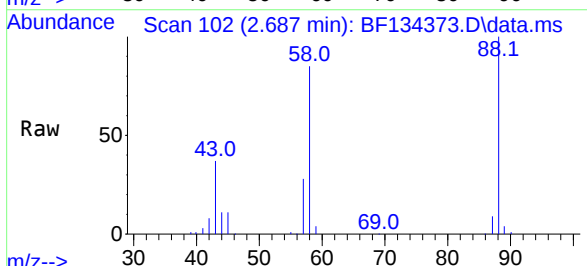
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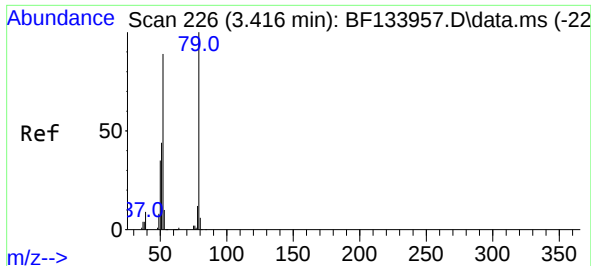
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#2
1,4-Dioxane
Concen: 36.746 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.094 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

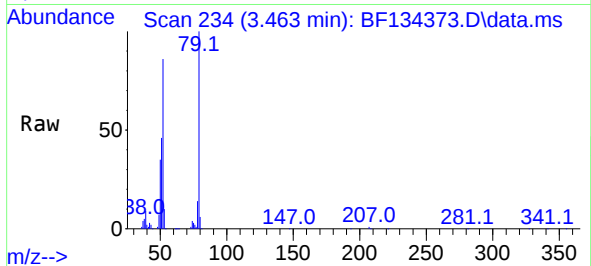
Tgt Ion: 88 Resp: 80670
Ion Ratio Lower Upper
88 100
58 85.2 68.8 103.2
43 38.9 30.7 46.1





#3
Pyridine
Concen: 36.490 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

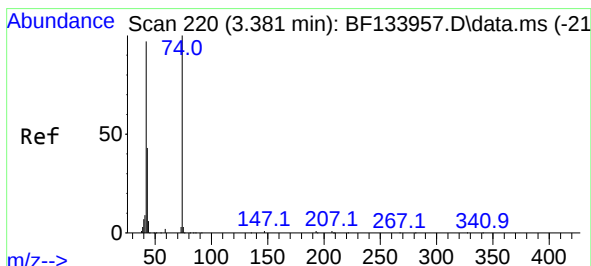
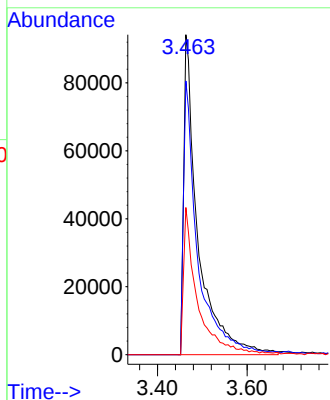
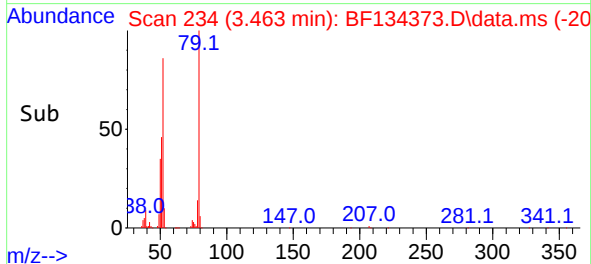
Instrument :
BNA_F
ClientSampleId :
TP5MSD



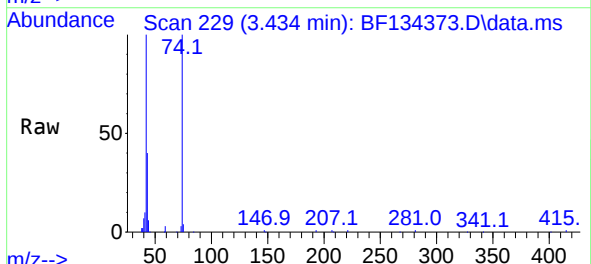
Tgt Ion: 79 Resp: 208659
Ion Ratio Lower Upper
79 100
52 85.6 71.1 106.7
51 46.0 35.2 52.8

Manual Integrations
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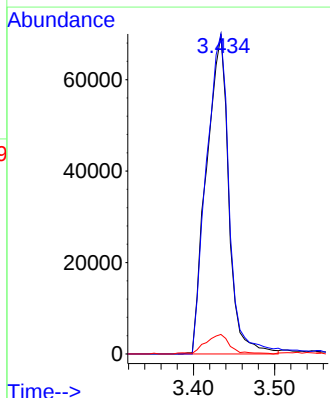
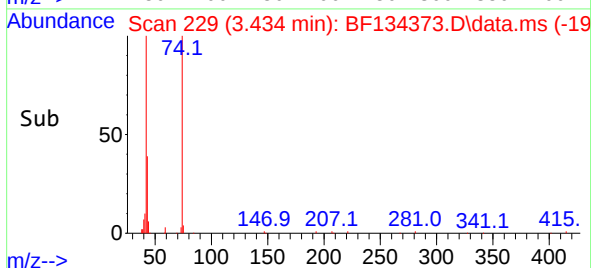
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

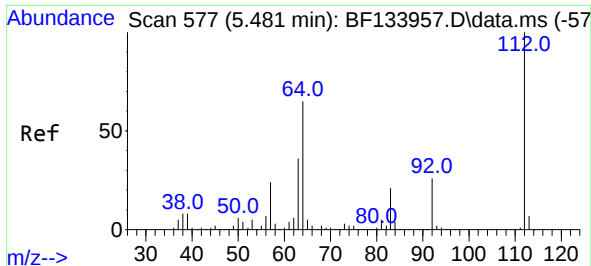


#4
n-Nitrosodimethylamine
Concen: 40.729 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion: 42 Resp: 133018
Ion Ratio Lower Upper
42 100
74 100.4 82.4 123.6
44 6.1 4.9 7.3





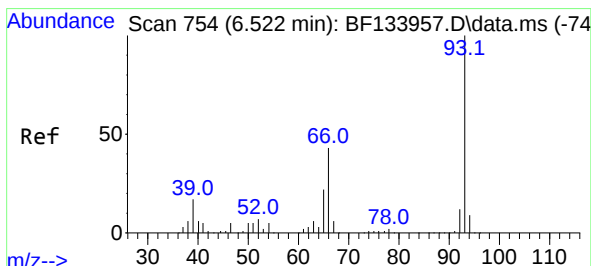
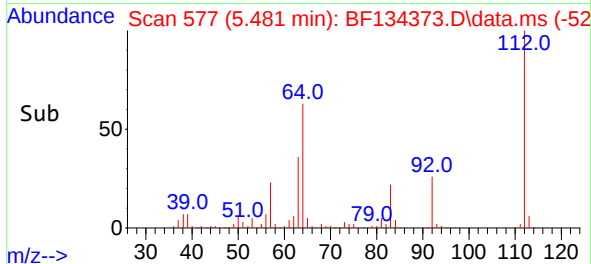
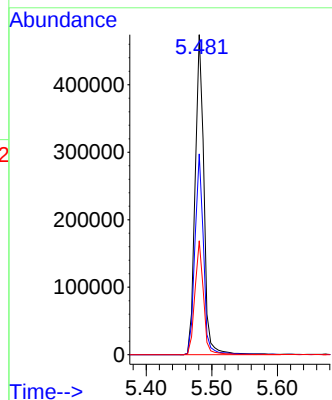
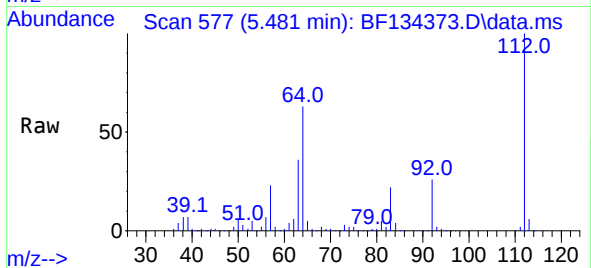
#5
2-Fluorophenol
Concen: 82.832 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Tgt Ion:112 Resp: 441010
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 35.6 28.6 42.8

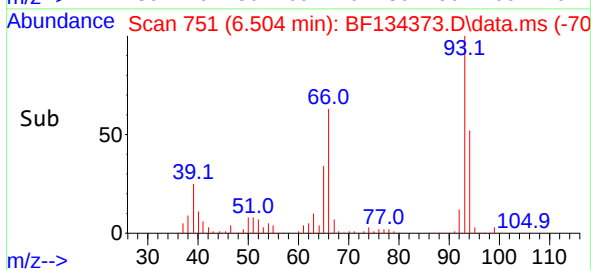
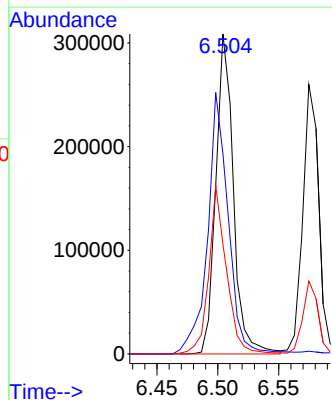
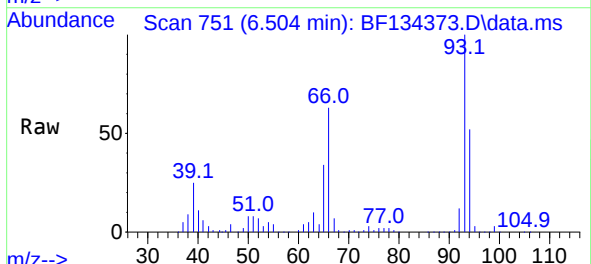
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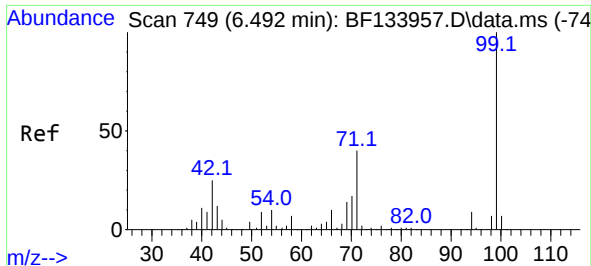
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#6
Aniline
Concen: 38.718 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

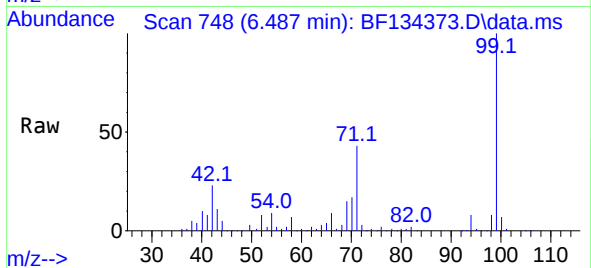
Tgt Ion: 93 Resp: 308498
Ion Ratio Lower Upper
93 100
66 62.6 34.5 51.7#
65 34.3 17.8 26.6#





#7
Phenol-d6
Concen: 80.621 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

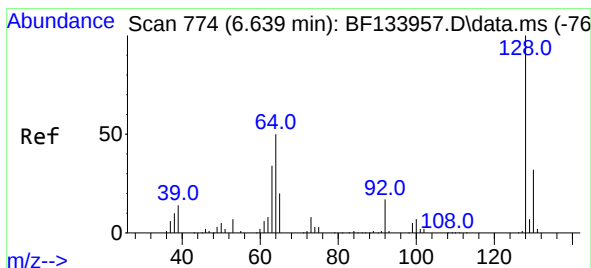
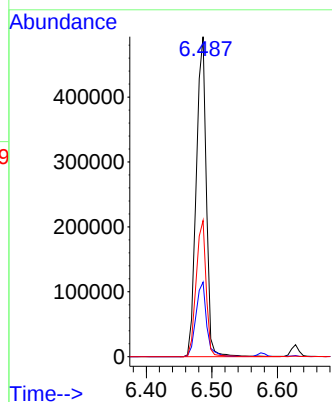
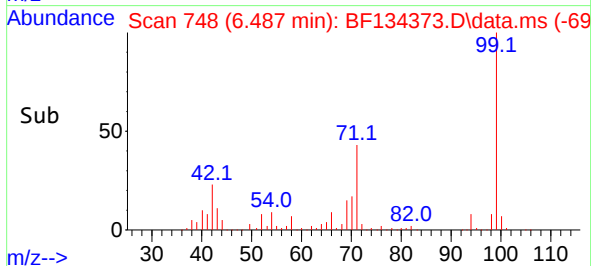
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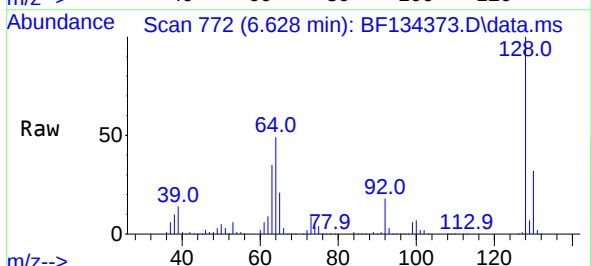
Tgt Ion: 99 Resp: 52788
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 42.6 31.9 47.9

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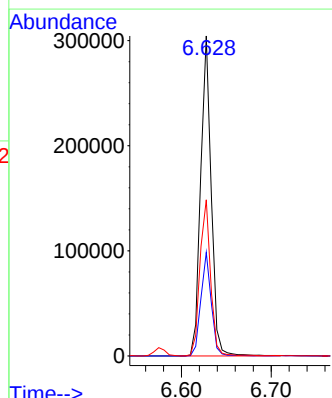
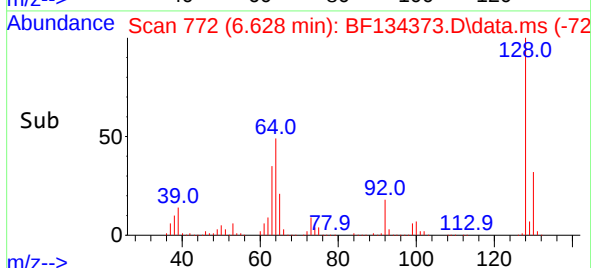
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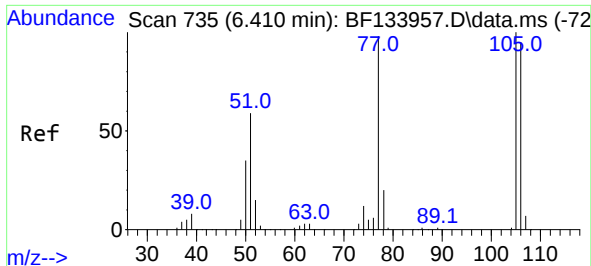


#8
2-Chlorophenol
Concen: 46.068 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



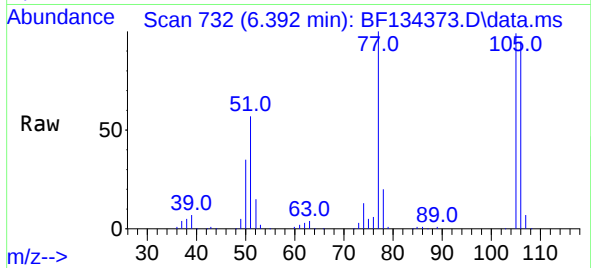
Tgt Ion:128 Resp: 248988
Ion Ratio Lower Upper
128 100
130 32.4 11.7 51.7
64 48.8 31.3 71.3





#9
Benzaldehyde
Concen: 41.206 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

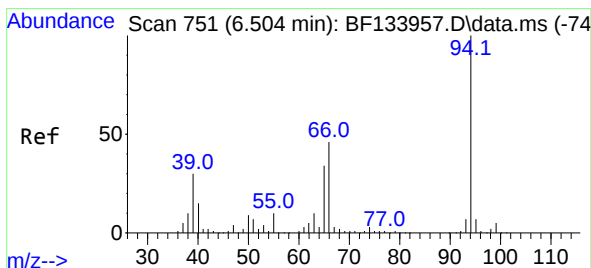
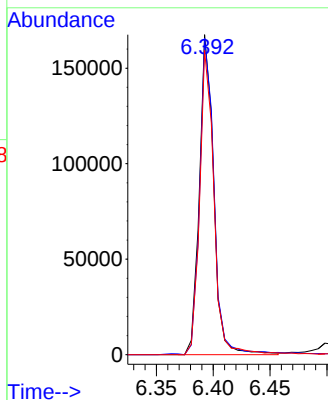
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion: 77 Resp: 147080
Ion Ratio Lower Upper
77 100
105 98.9 82.0 122.0
106 95.1 76.9 116.9

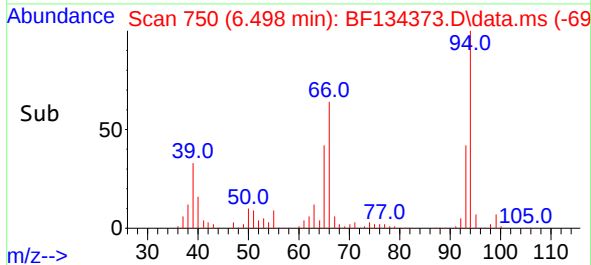
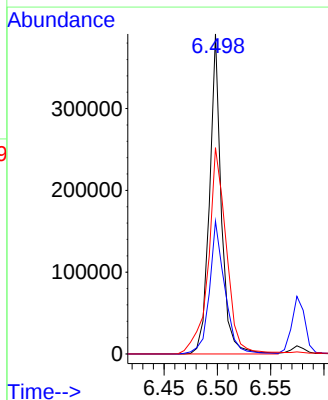
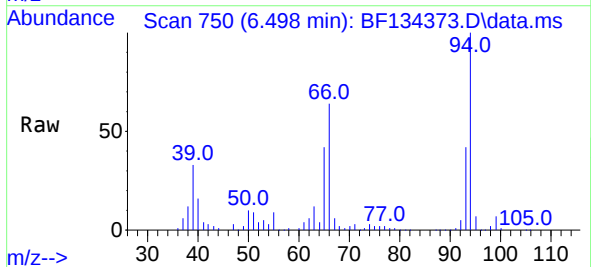
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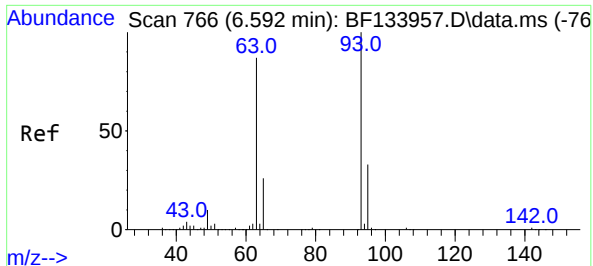
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#10
Phenol
Concen: 44.102 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

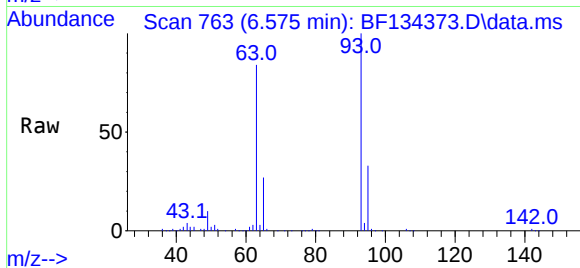
Tgt Ion: 94 Resp: 303617
Ion Ratio Lower Upper
94 100
65 41.5 14.2 54.2
66 64.4 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 45.605 ng
RT: 6.575 min Scan# 708
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

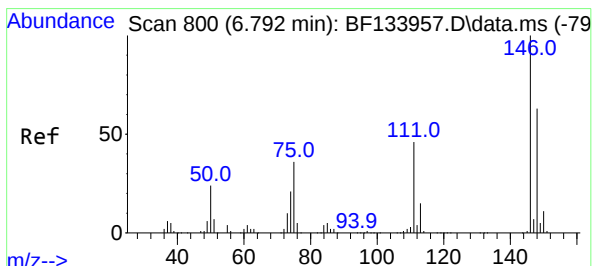
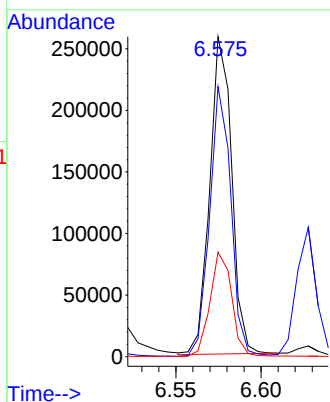
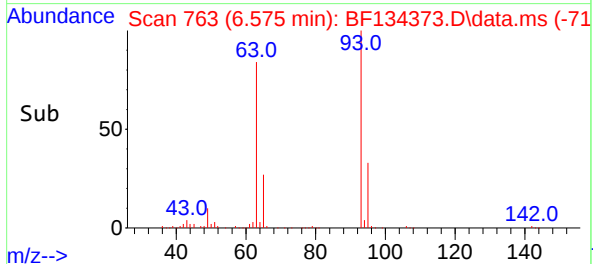
Instrument :
BNA_F
ClientSampleId :
TP5MSD



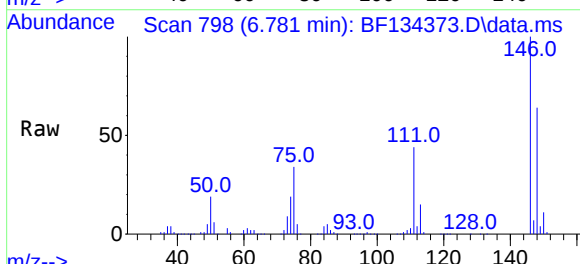
Tgt Ion: 93 Resp: 23115
Ion Ratio Lower Upper
93 100
63 84.4 66.5 106.5
95 32.7 12.9 52.9

Manual Integrations
APPROVED

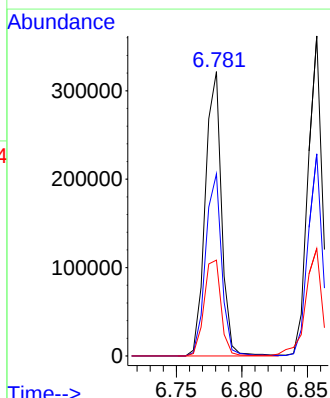
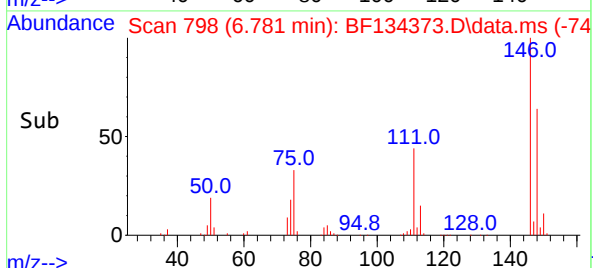
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

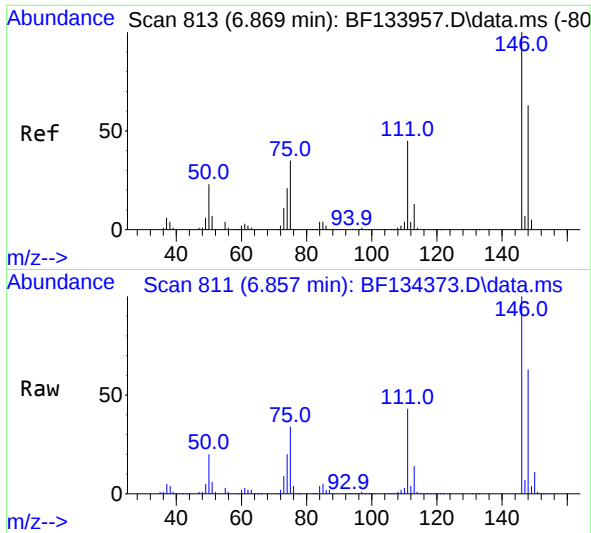


#12
1,3-Dichlorobenzene
Concen: 48.253 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:146 Resp: 278037
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 33.7 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 47.887 ng

RT: 6.857 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

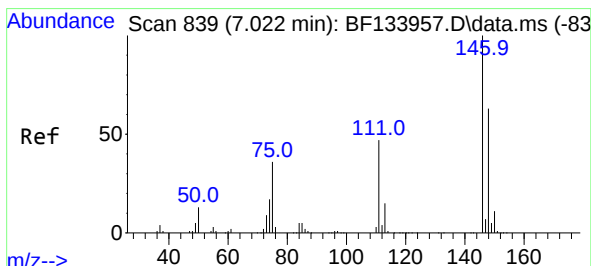
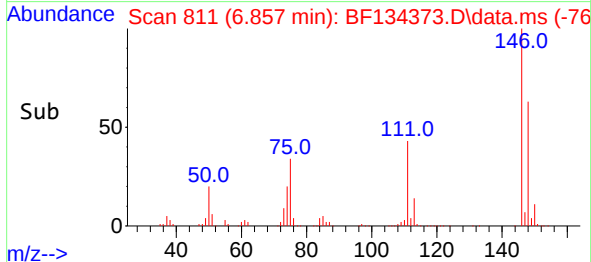
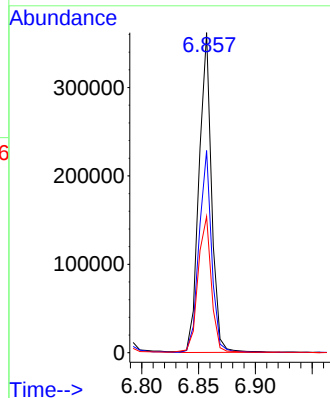
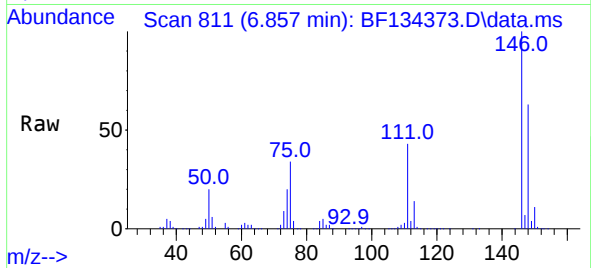
Tgt Ion:146 Resp: 278700
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 42.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#14

1,2-Dichlorobenzene

Concen: 48.843 ng

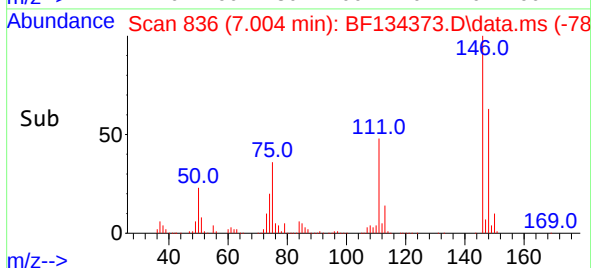
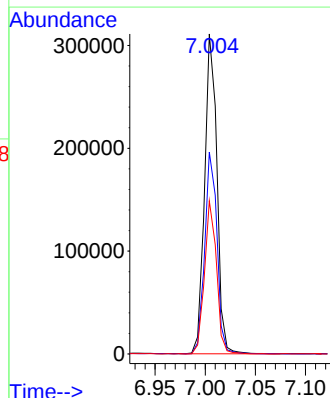
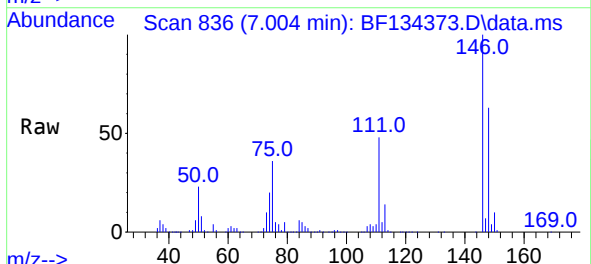
RT: 7.004 min Scan# 836

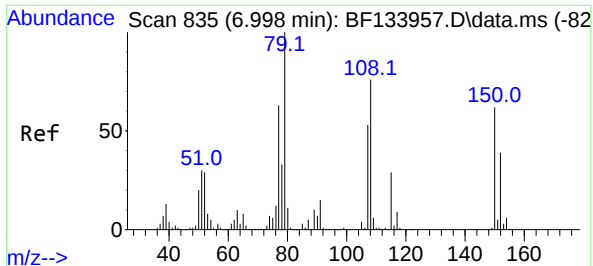
Delta R.T. -0.012 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

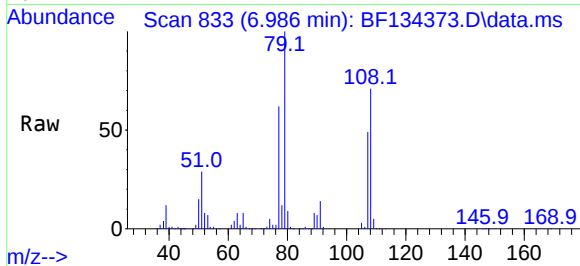
Tgt Ion:146 Resp: 266224
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
111 47.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 45.981 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

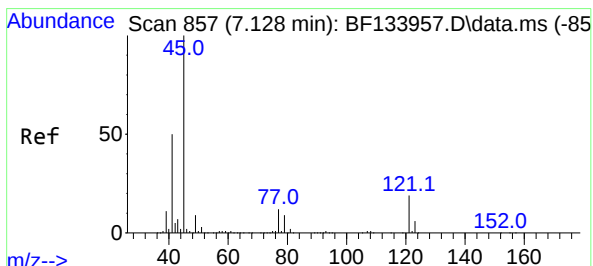
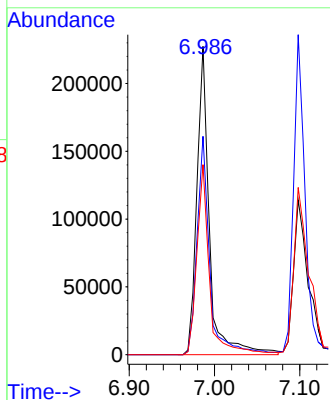
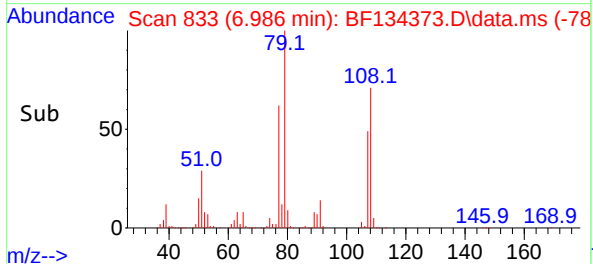
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion: 79 Resp: 232098
Ion Ratio Lower Upper
79 100
108 70.8 60.7 91.1
77 61.7 50.6 75.8

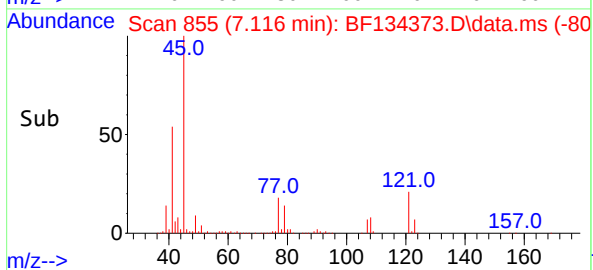
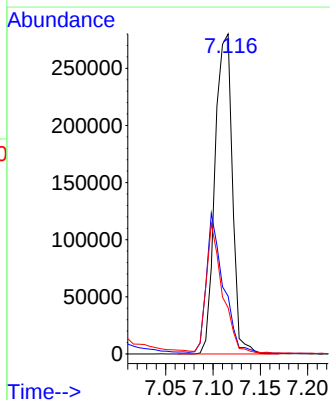
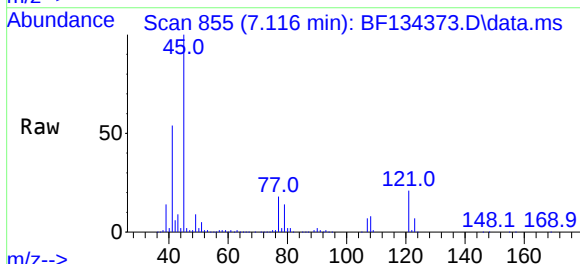
Manual Integrations
APPROVED

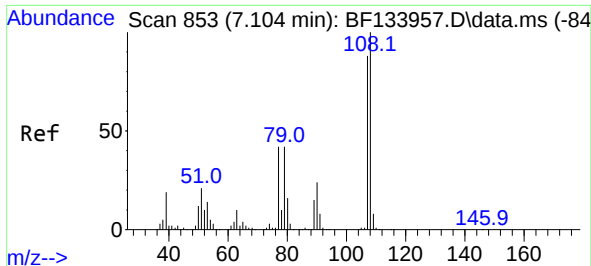
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.643 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

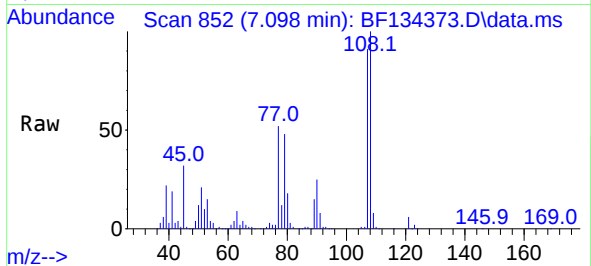
Tgt Ion: 45 Resp: 355469
Ion Ratio Lower Upper
45 100
77 18.1 0.0 32.9
79 14.4 0.0 29.5





#17
2-Methylphenol
Concen: 41.770 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

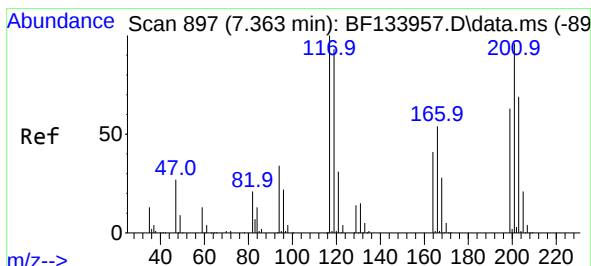
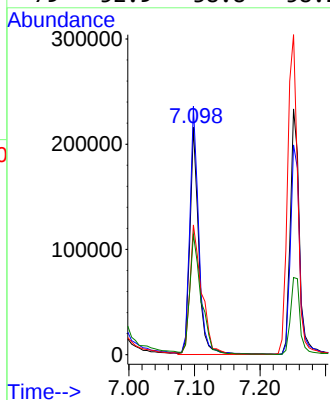
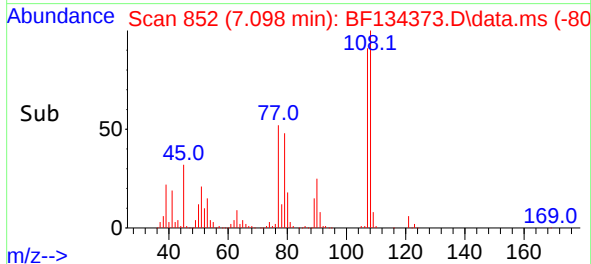
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:107 Resp: 202160
Ion Ratio Lower Upper
107 100
108 109.3 90.6 136.0
77 57.1 38.3 57.5
79 52.9 38.8 58.2

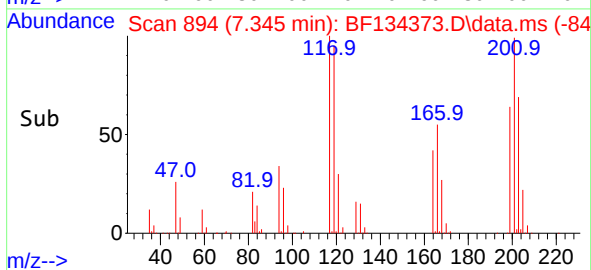
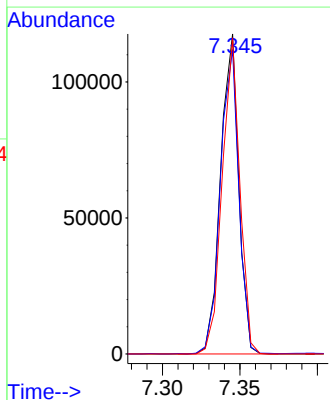
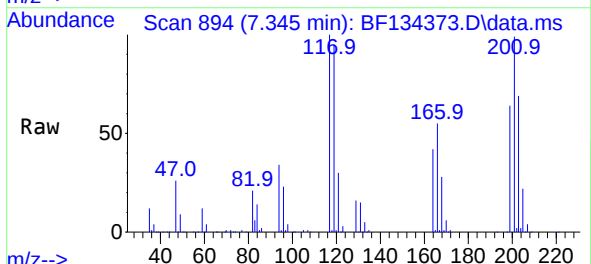
Manual Integrations
APPROVED

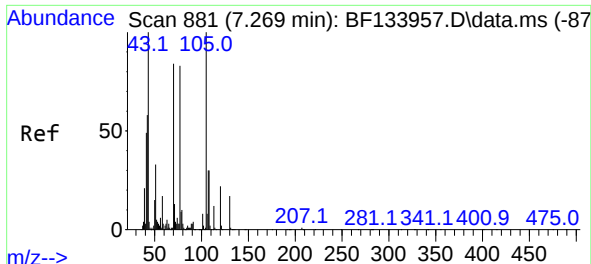
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#18
Hexachloroethane
Concen: 44.216 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

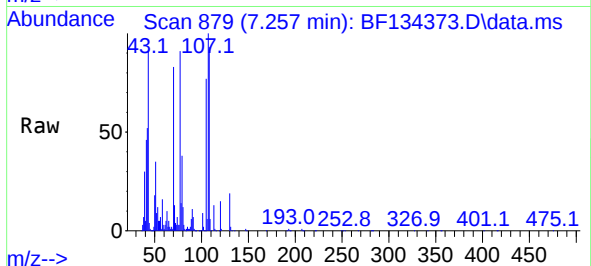
Tgt Ion:117 Resp: 95417
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 98.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.947 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

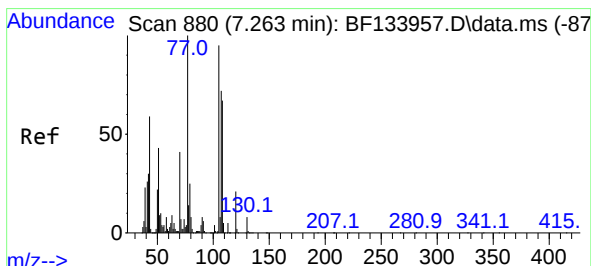
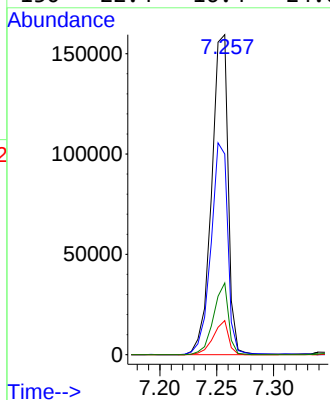
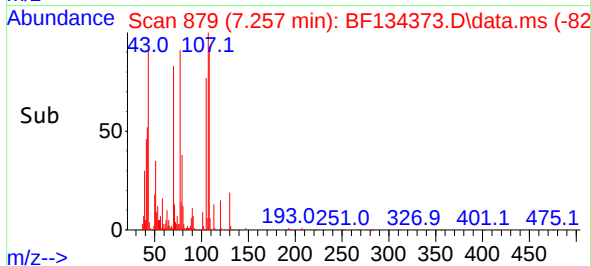
Instrument :
BNA_F
ClientSampleId :
TP5MSD



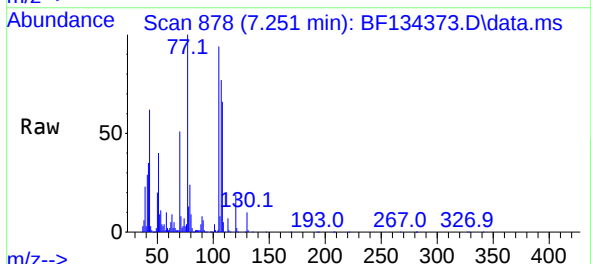
Tgt Ion: 70 Resp: 161724
Ion Ratio Lower Upper
70 100
42 62.7 54.7 82.1
101 10.6 7.7 11.5
130 22.4 16.4 24.6

Manual Integrations
APPROVED

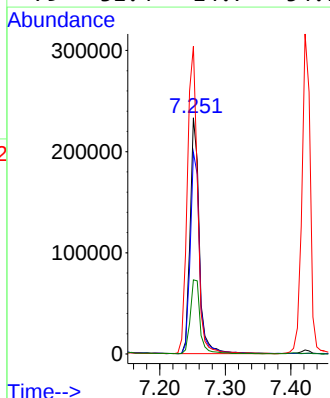
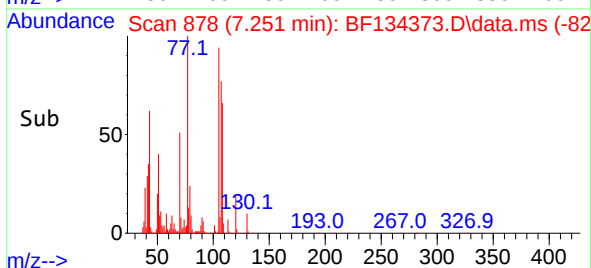
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

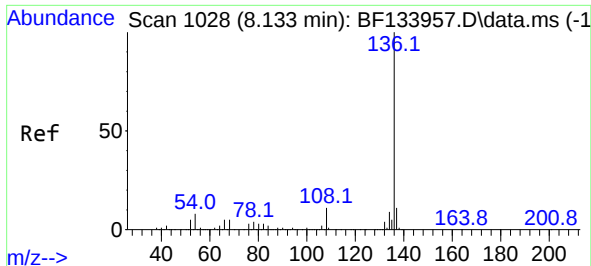


#20
3+4-Methylphenols
Concen: 38.465 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



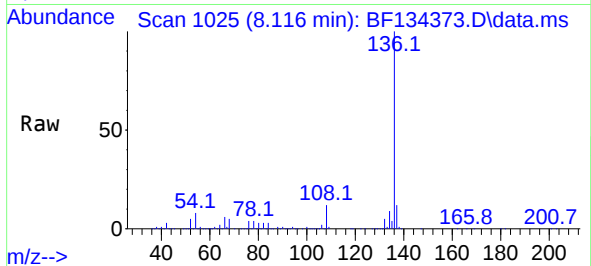
Tgt Ion:107 Resp: 225847
Ion Ratio Lower Upper
107 100
108 85.4 73.2 113.2
77 130.2 118.3 158.3
79 31.4 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

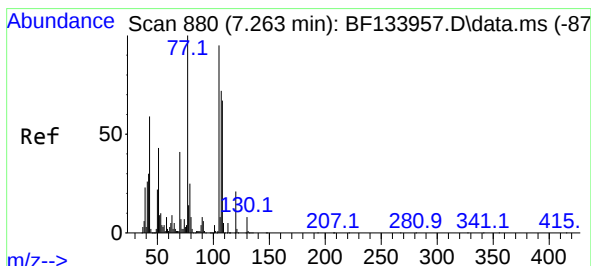
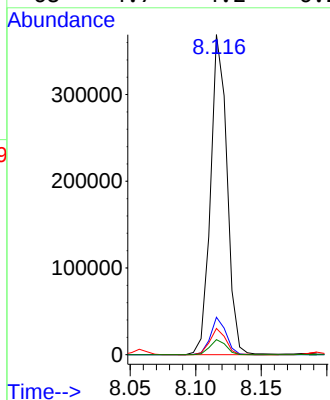
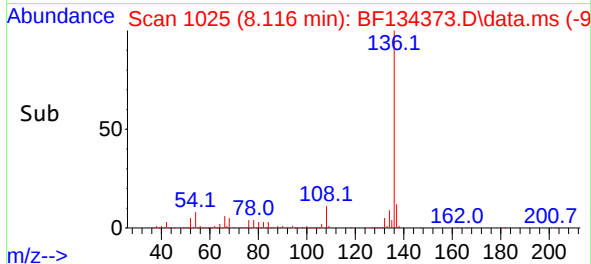
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:136 Resp: 322215
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 8.2 6.5 9.7
68 4.7 4.2 6.2

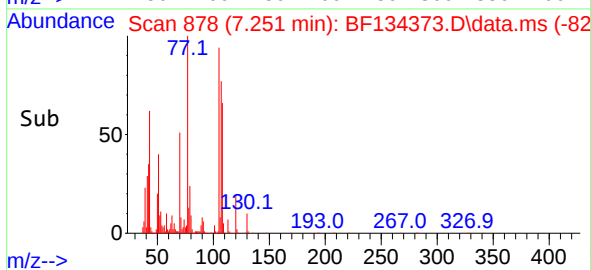
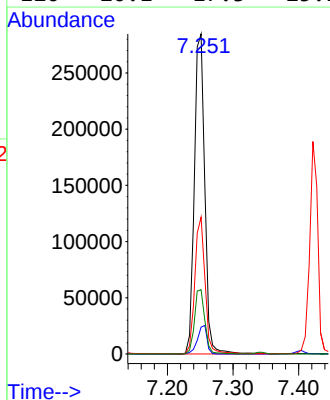
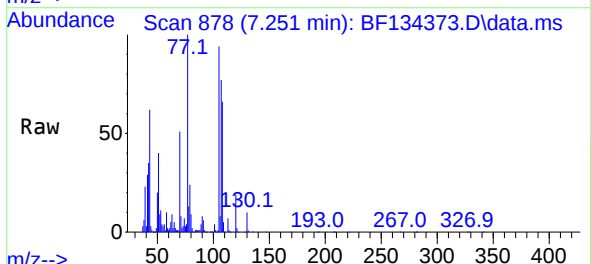
Manual Integrations
APPROVED

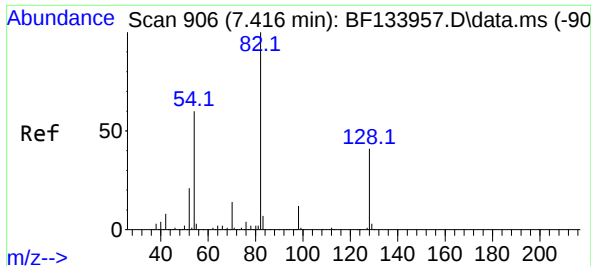
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#22
Acetophenone
Concen: 43.166 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

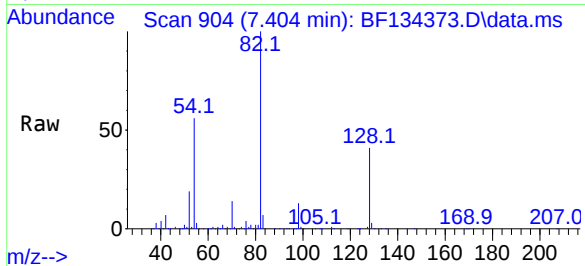
Tgt Ion:105 Resp: 316321
Ion Ratio Lower Upper
105 100
71 8.4 5.5 8.3#
51 42.7 36.5 54.7
120 20.1 17.3 25.9





#23
Nitrobenzene-d5
Concen: 58.819 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

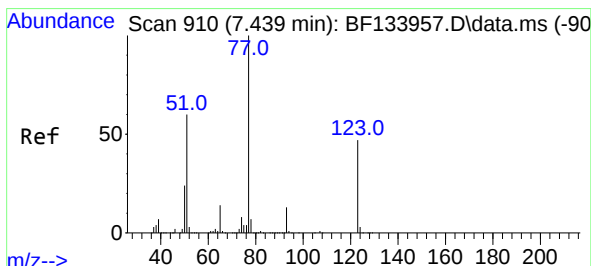
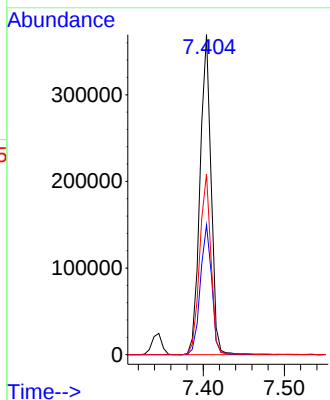
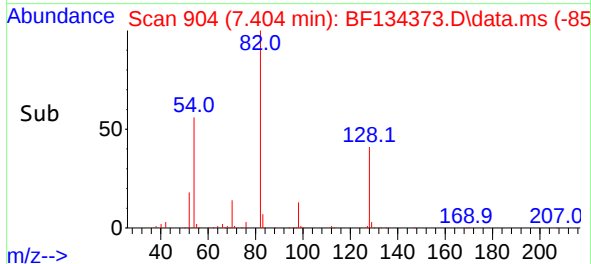
Instrument :
BNA_F
ClientSampleId :
TP5MSD



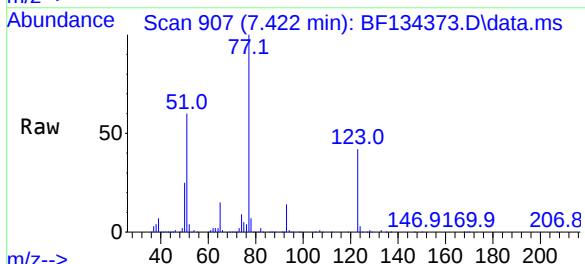
Tgt Ion: 82 Resp: 351585
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 56.5 48.2 72.2

Manual Integrations
APPROVED

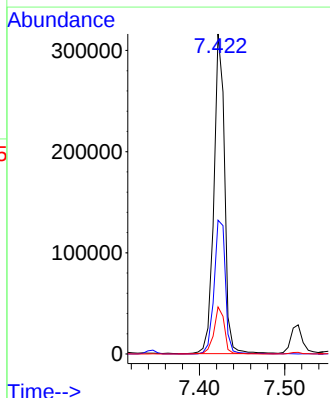
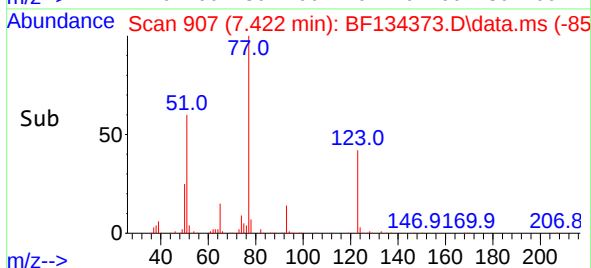
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

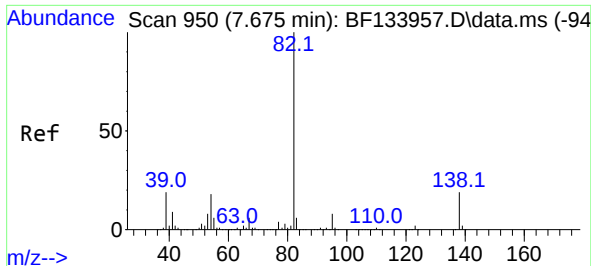


#24
Nitrobenzene
Concen: 45.983 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion: 77 Resp: 277751
Ion Ratio Lower Upper
77 100
123 41.8 37.8 56.6
65 14.7 11.3 16.9





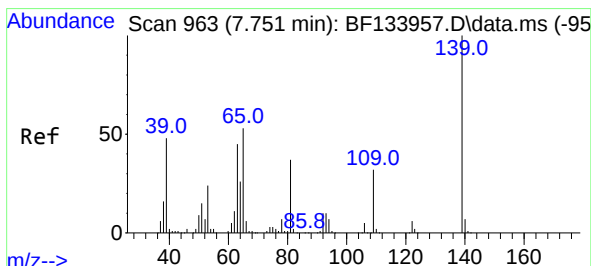
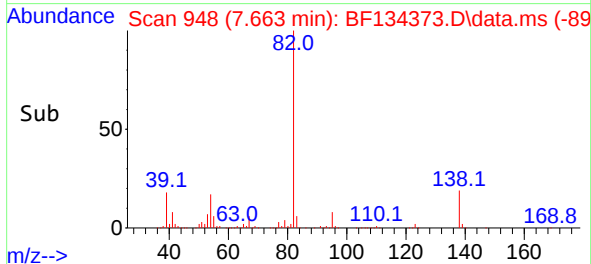
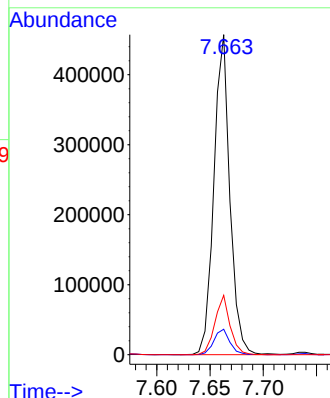
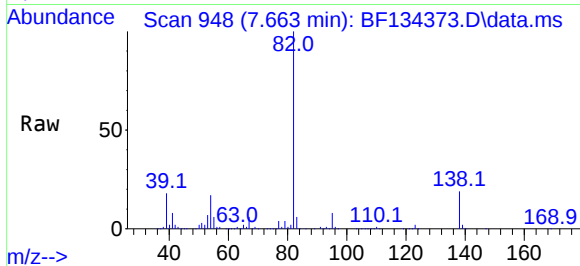
#25
Isophorone
Concen: 43.876 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Tgt Ion: 82 Resp: 476652
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.6 15.2 22.8

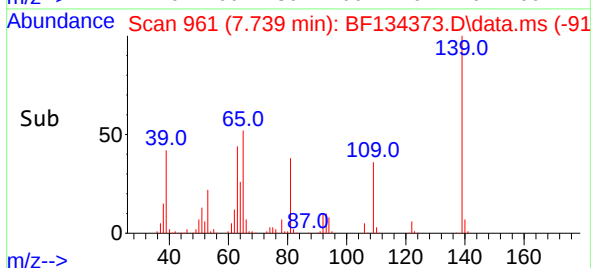
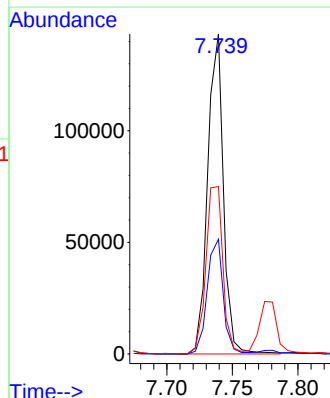
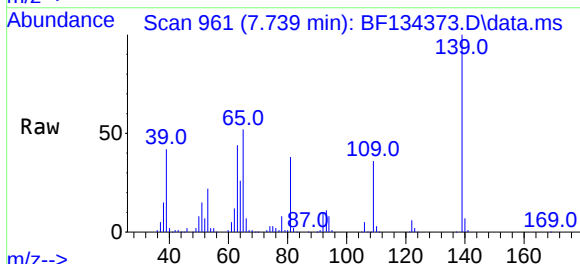
Manual Integrations
APPROVED

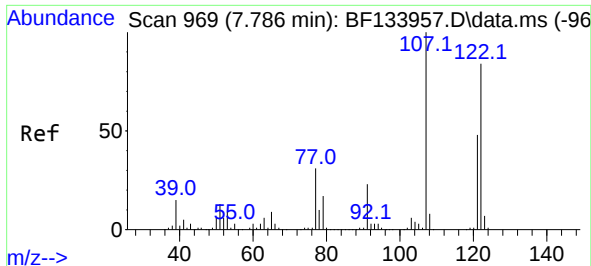
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#26
2-Nitrophenol
Concen: 41.401 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:139 Resp: 119966
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 52.3 42.4 63.6





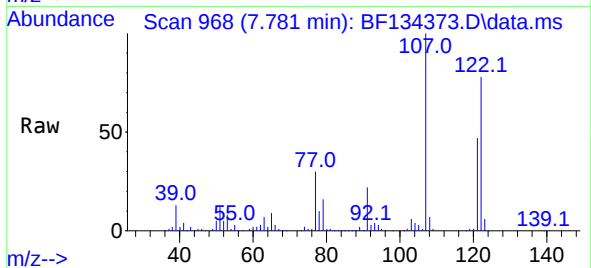
#27
2,4-Dimethylphenol
Concen: 39.196 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

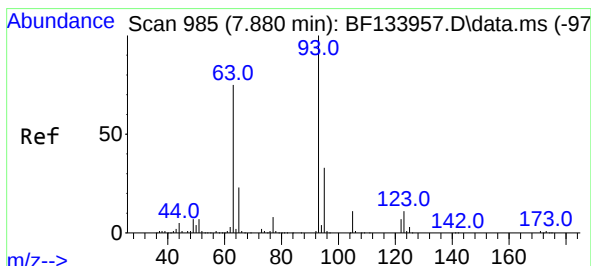
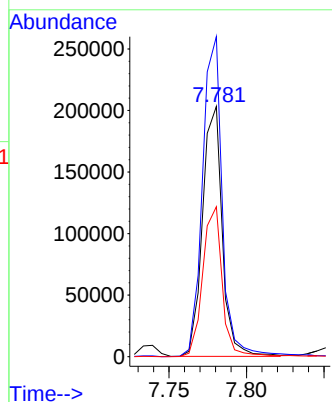
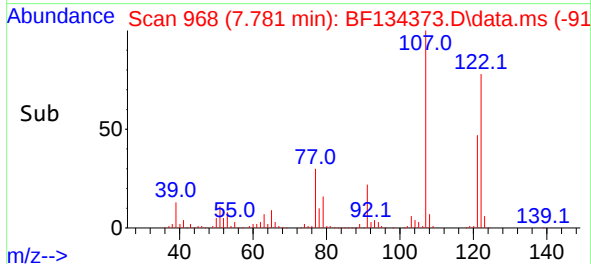


Tgt Ion:122 Resp: 17978
Ion Ratio Lower Upper
122 100
107 127.9 95.5 143.3
121 59.9 45.5 68.3

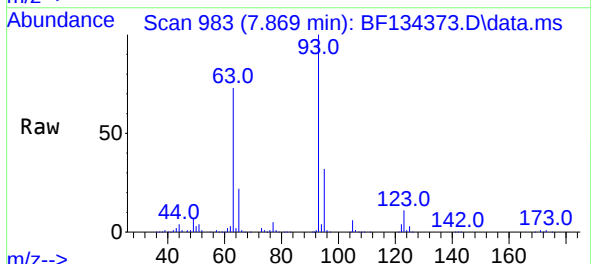
Manual Integrations

APPROVED

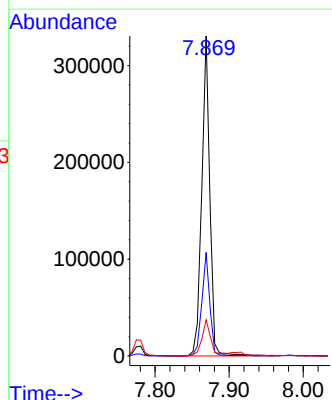
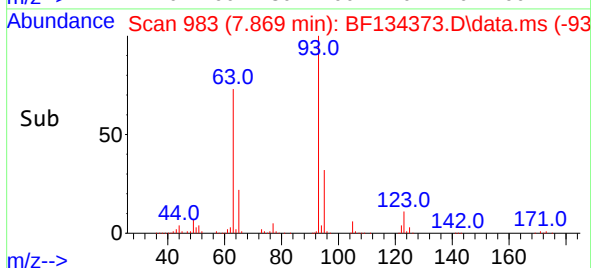
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

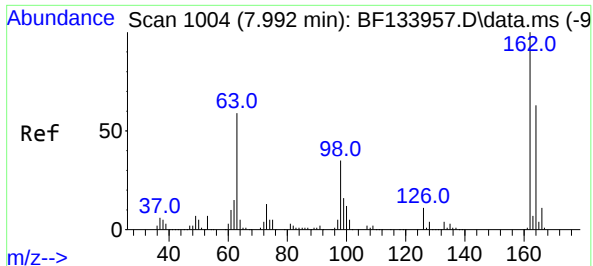


#28
bis(2-Chloroethoxy)methane
Concen: 40.174 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion: 93 Resp: 252709
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.3 9.1 13.7





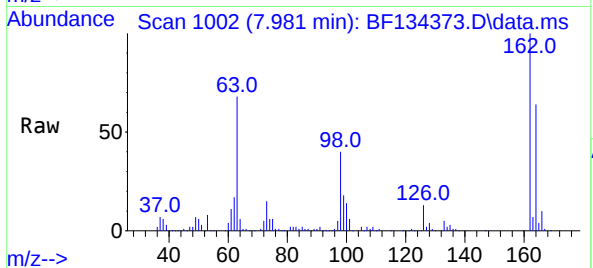
#29
2,4-Dichlorophenol
Concen: 46.290 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD



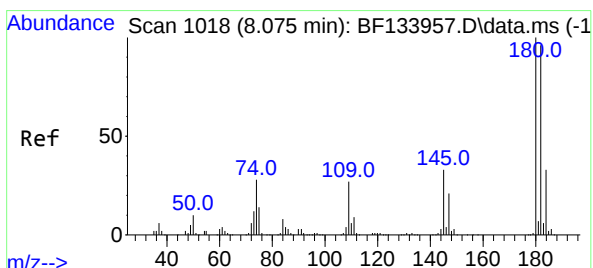
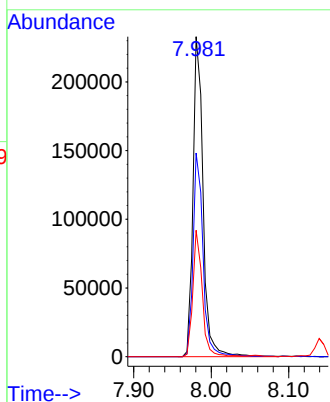
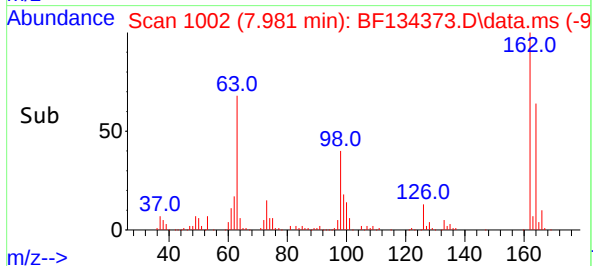
Tgt Ion:162 Resp: 21054
Ion Ratio Lower Upper
162 100
164 63.6 43.2 83.2
98 39.5 14.9 54.9

Manual Integrations

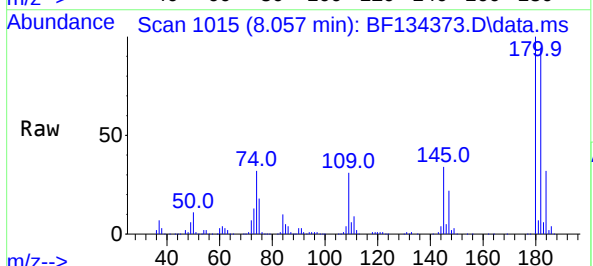
APPROVED

Reviewed By :Yogesh Patel 07/20/2023

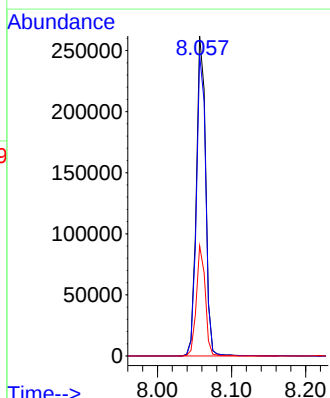
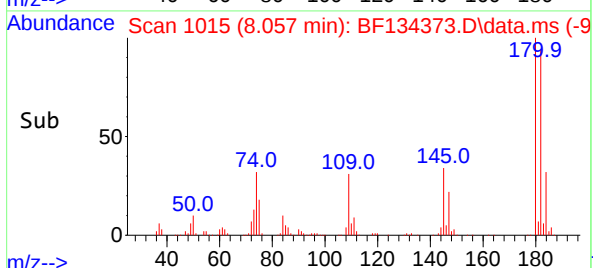
Supervised By :mohammad ahmed 07/20/2023

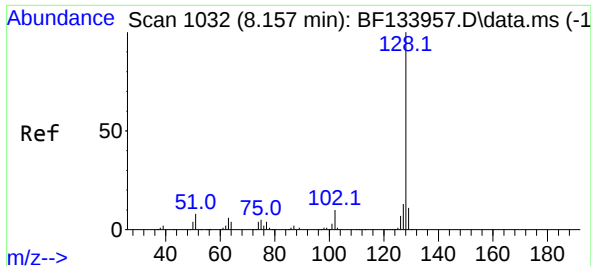


#30
1,2,4-Trichlorobenzene
Concen: 48.571 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:180 Resp: 227951
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 34.4 26.0 39.0





#31
Naphthalene
Concen: 43.002 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

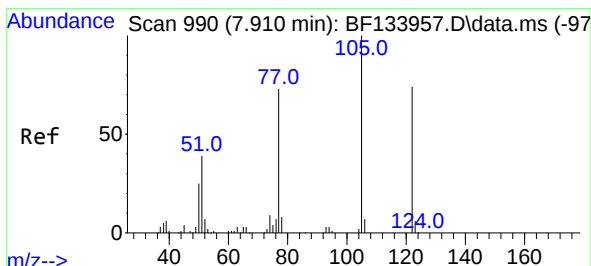
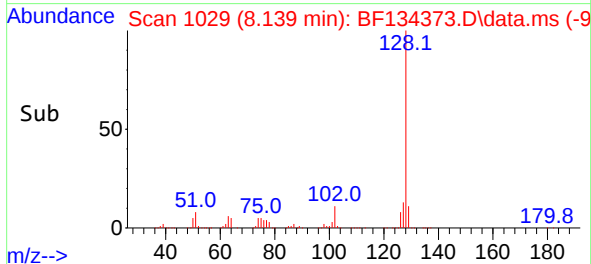
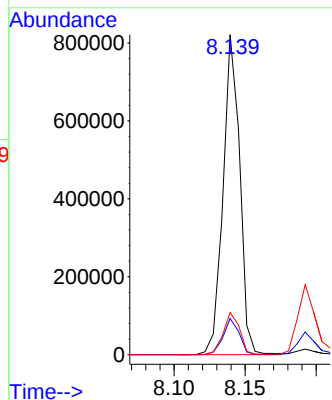
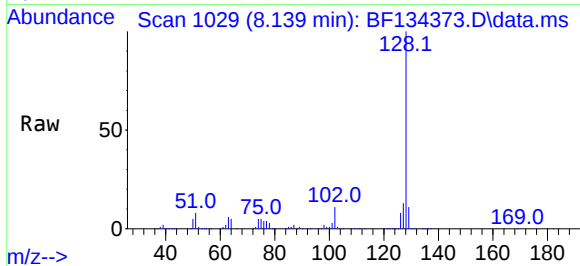
TP5MSD

Tgt Ion:128 Resp: 669290
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.6 15.8

Manual Integrations

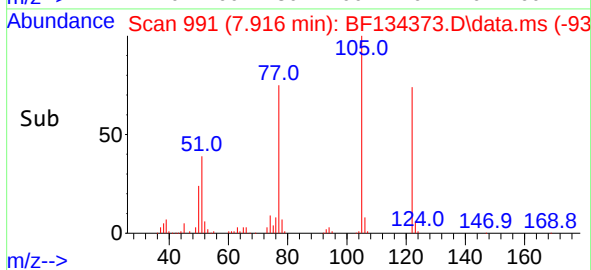
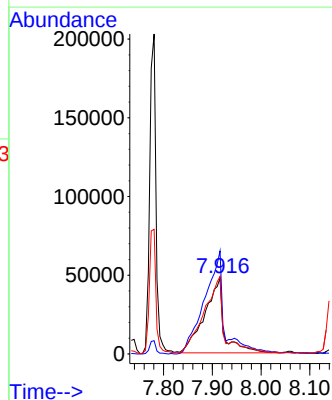
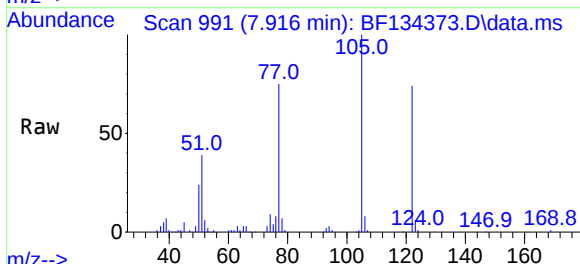
APPROVED

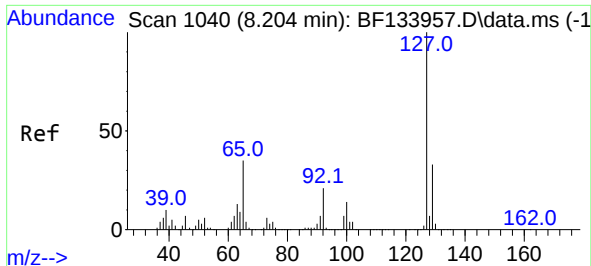
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#32
Benzoic acid
Concen: 38.811 ng m
RT: 7.916 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:122 Resp: 133394
Ion Ratio Lower Upper
122 100
105 135.8 109.7 149.7
77 102.4 76.0 116.0





#33
4-Chloroaniline
Concen: 25.667 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

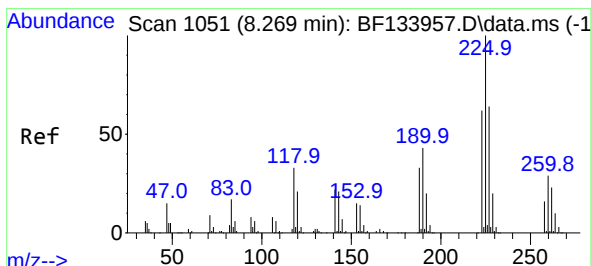
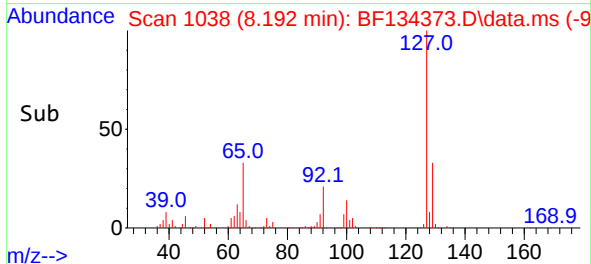
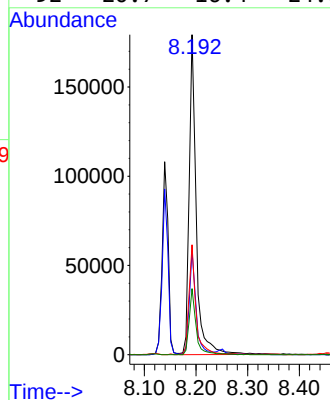
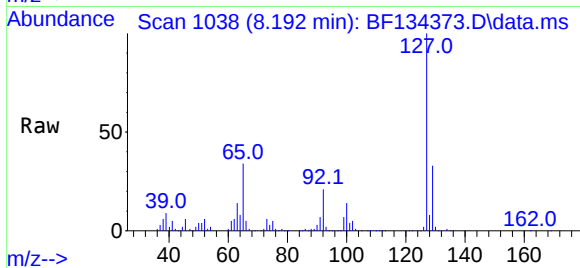
TP5MSD

Tgt Ion:127 Resp: 170885
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 34.4 27.8 41.8
92 20.7 16.4 24.6

Manual Integrations

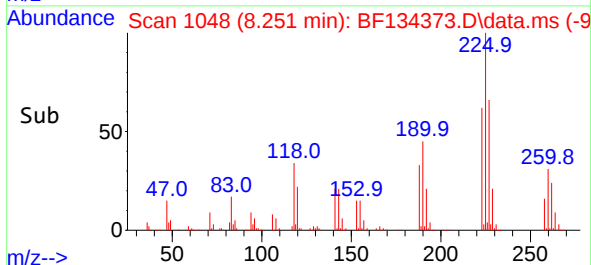
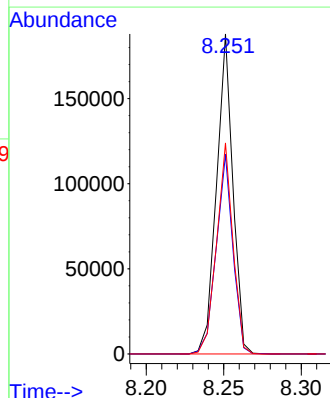
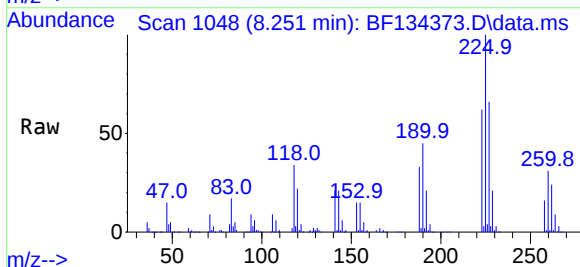
APPROVED

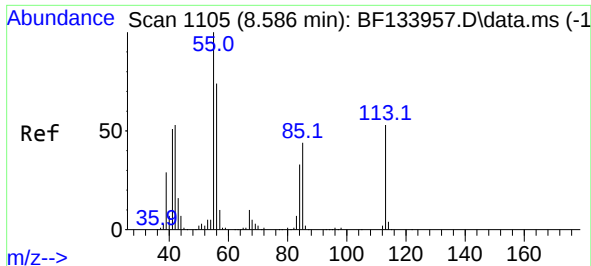
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#34
Hexachlorobutadiene
Concen: 46.564 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

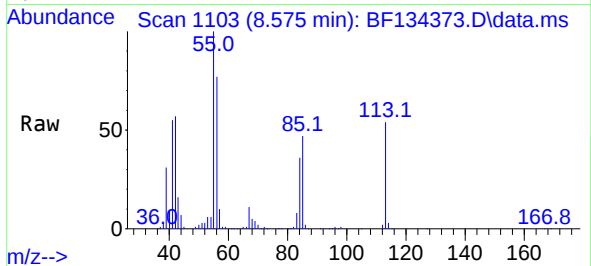
Tgt Ion:225 Resp: 137849
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 66.0 51.0 76.4





#35
Caprolactam
Concen: 43.561 ng m
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

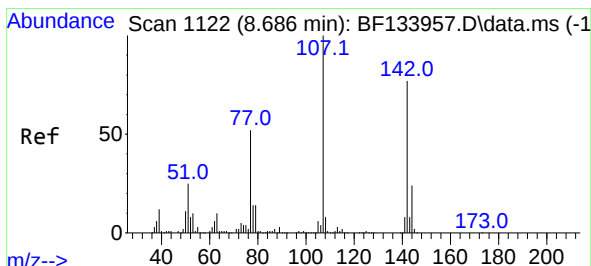
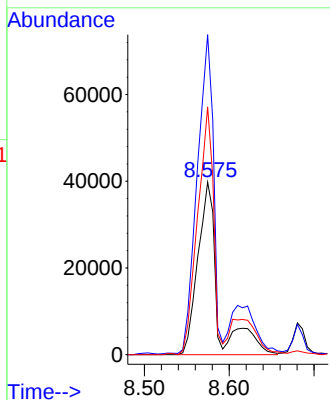
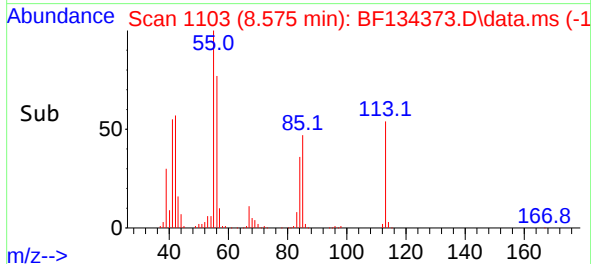
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:113 Resp: 6523
Ion Ratio Lower Upper
113 100
55 185.3 170.2 210.2
56 143.5 121.4 161.4

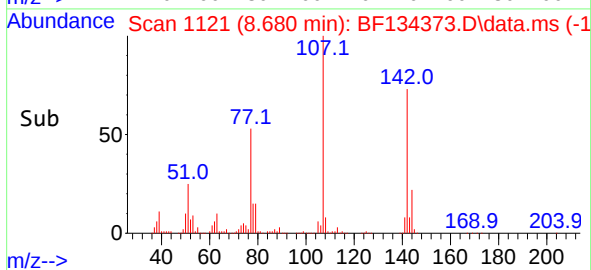
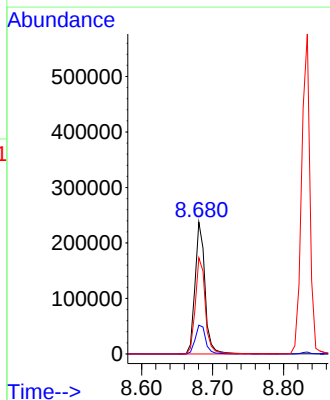
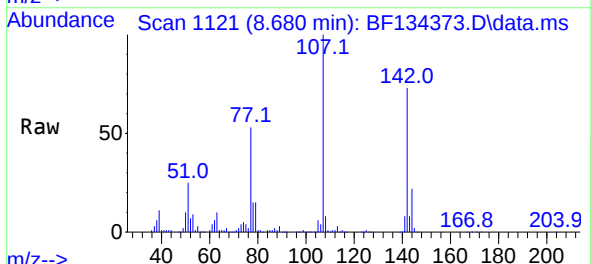
Manual Integrations
APPROVED

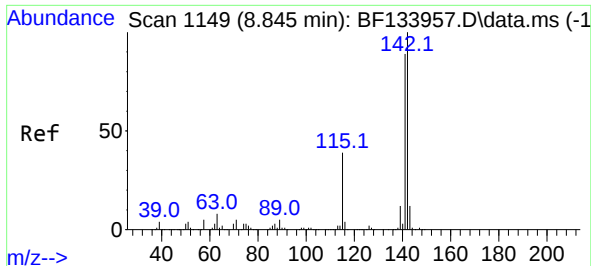
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#36
4-Chloro-3-methylphenol
Concen: 45.456 ng
RT: 8.680 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:107 Resp: 232262
Ion Ratio Lower Upper
107 100
144 21.8 19.6 29.4
142 72.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.208 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

Tgt Ion:142 Resp: 46455

Ion Ratio Lower Upper

142 100

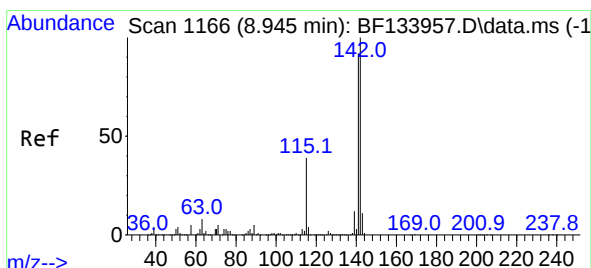
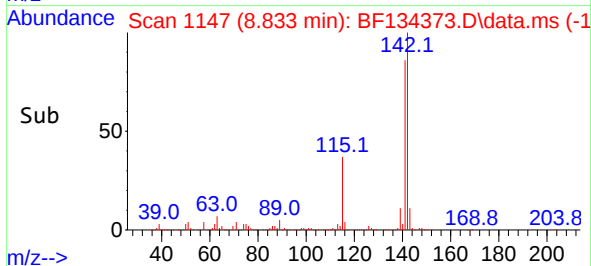
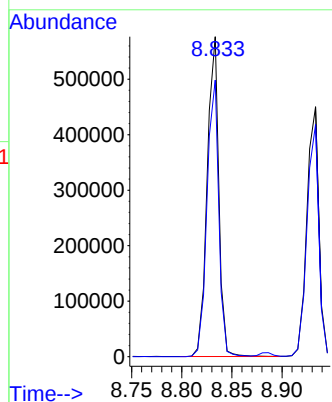
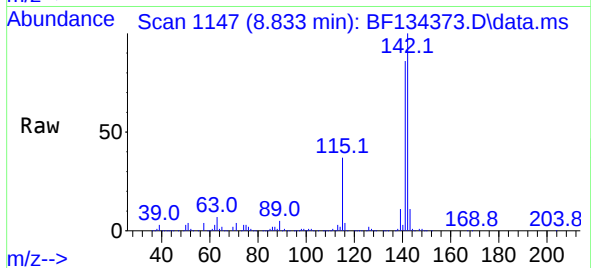
141 86.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#38

1-Methylnaphthalene

Concen: 36.447 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134373.D

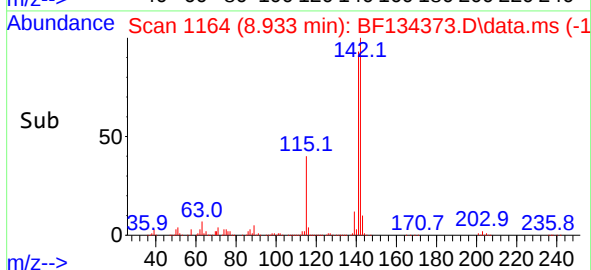
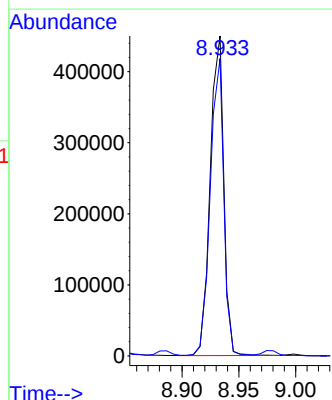
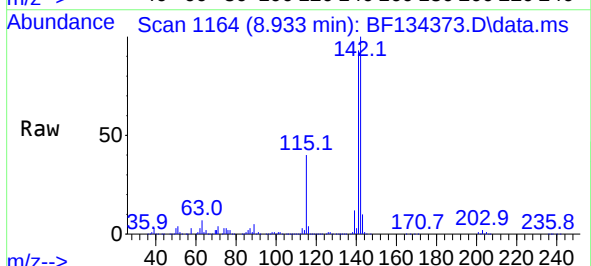
Acq: 19 Jul 2023 23:04

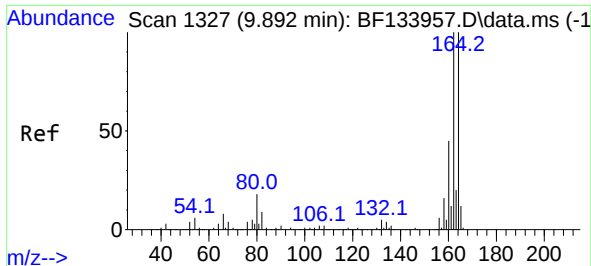
Tgt Ion:142 Resp: 372920

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3





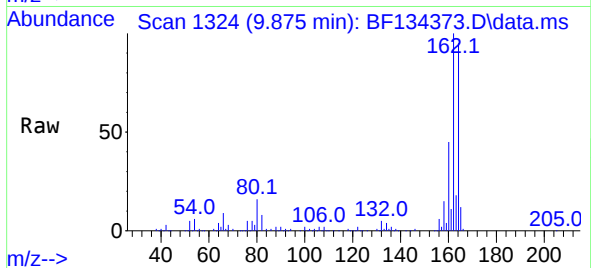
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

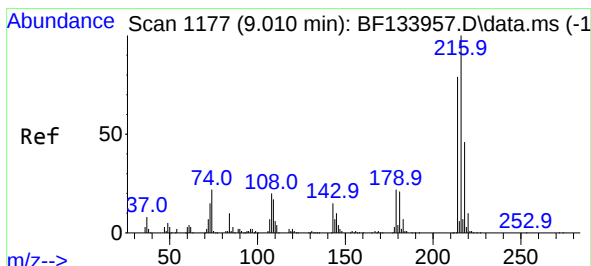
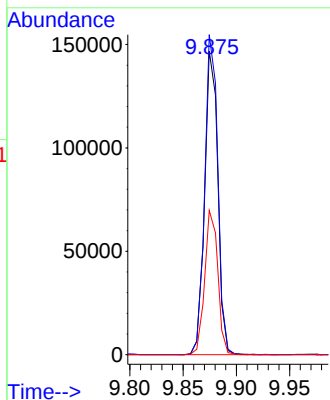
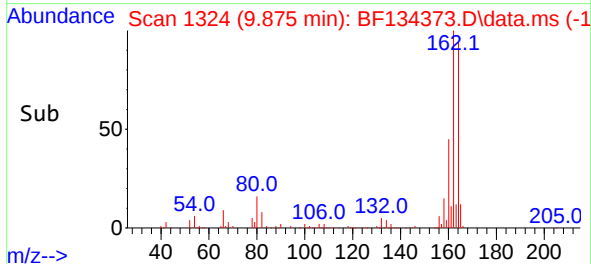


Tgt Ion:164 Resp: 12675
Ion Ratio Lower Upper
164 100
162 105.4 80.0 120.0
160 47.5 35.9 53.9

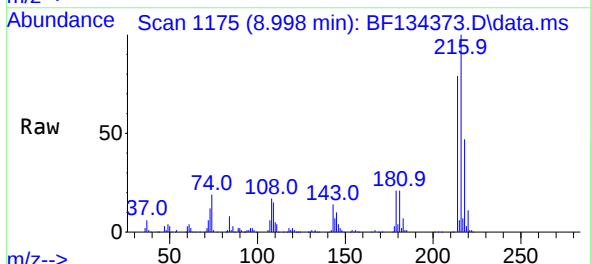
Manual Integrations

APPROVED

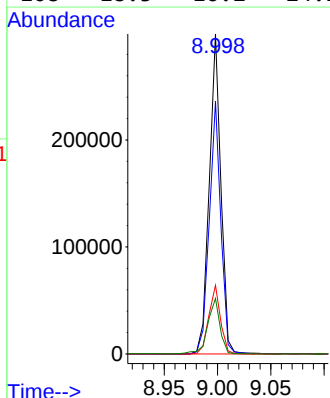
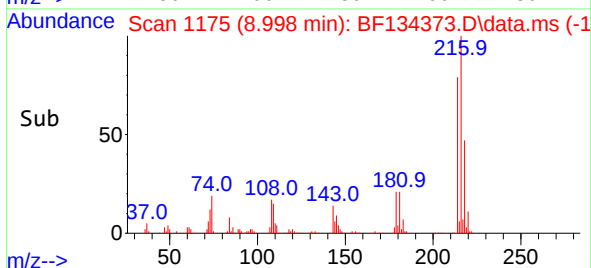
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

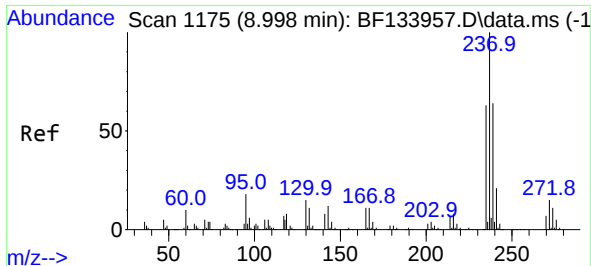


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.549 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:216 Resp: 227378
Ion Ratio Lower Upper
216 100
214 78.3 64.1 96.1
179 21.5 17.3 25.9
108 18.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 26.370 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

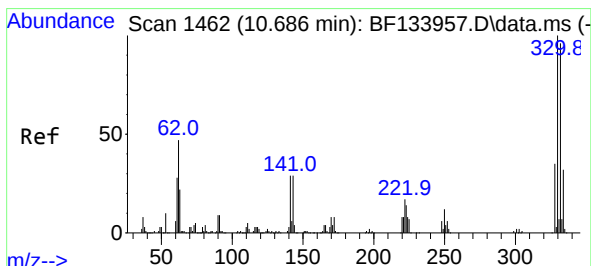
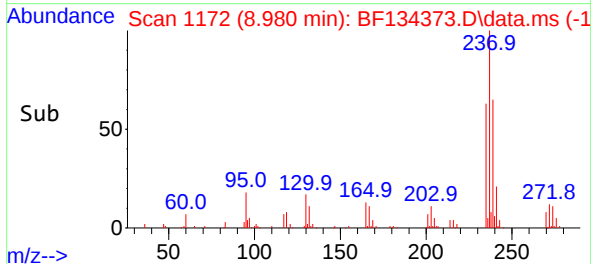
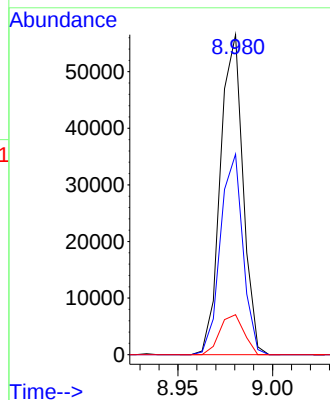
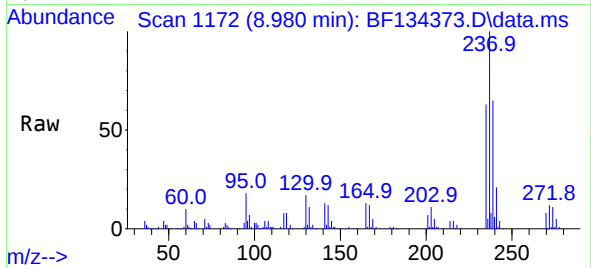
TP5MSD

Tgt Ion:237 Resp: 46980
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 12.5 0.0 34.6

Manual Integrations

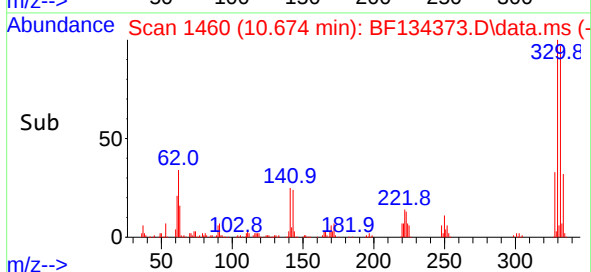
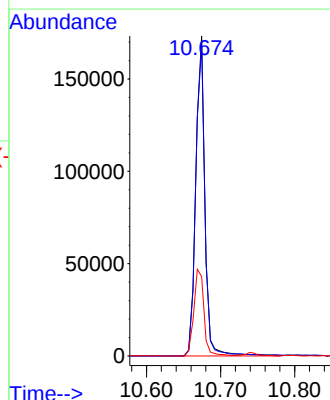
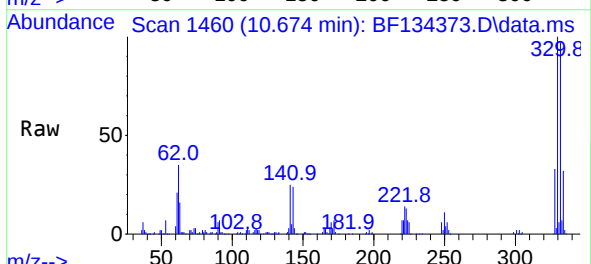
APPROVED

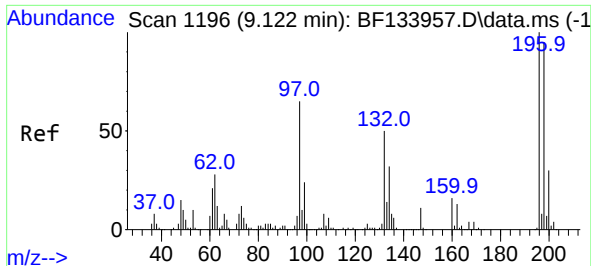
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#42
2,4,6-Tribromophenol
Concen: 93.397 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

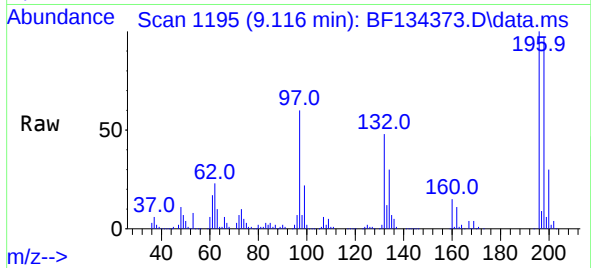
Tgt Ion:330 Resp: 148429
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 30.0 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 50.892 ng
RT: 9.116 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

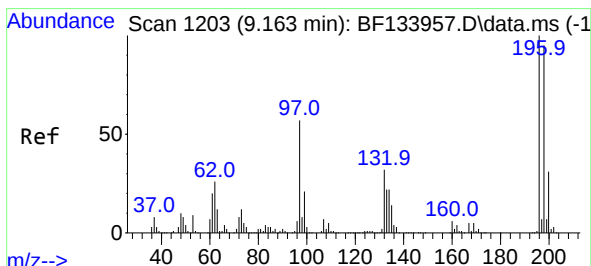
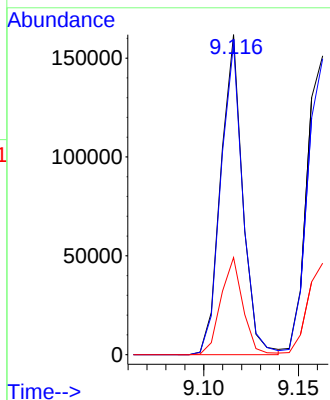
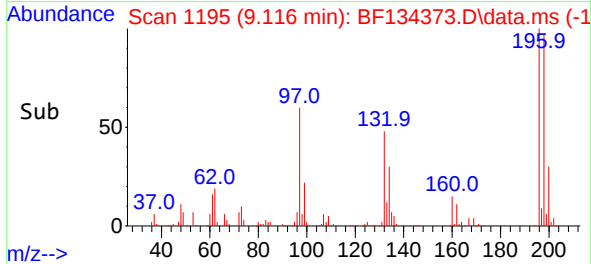
Instrument :
BNA_F
ClientSampleId :
TP5MSD



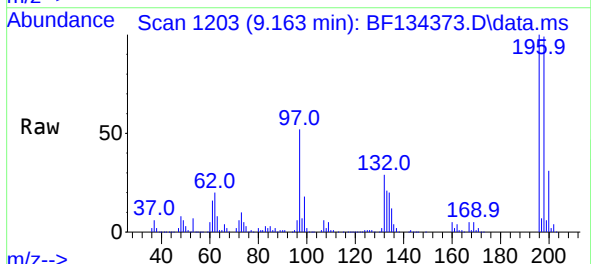
Tgt Ion:196 Resp: 130098
Ion Ratio Lower Upper
196 100
198 97.2 75.6 113.4
200 30.4 24.4 36.6

Manual Integrations
APPROVED

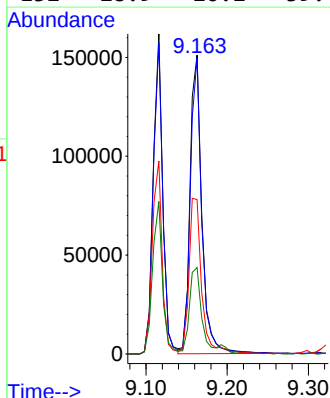
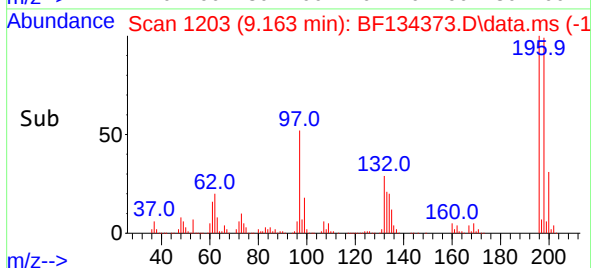
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

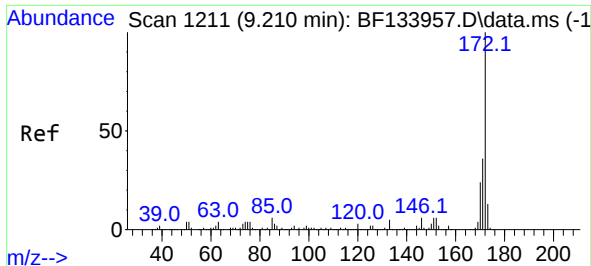


#44
2,4,5-Trichlorophenol
Concen: 51.038 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



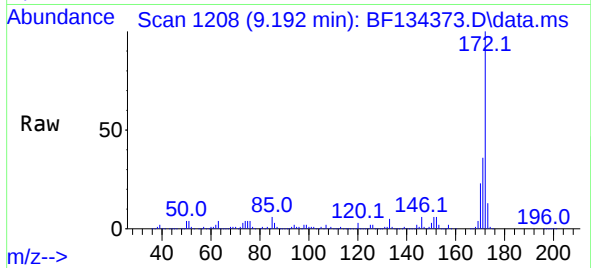
Tgt Ion:196 Resp: 153471
Ion Ratio Lower Upper
196 100
198 99.0 75.7 113.5
97 51.7 45.8 68.6
132 28.9 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 75.889 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

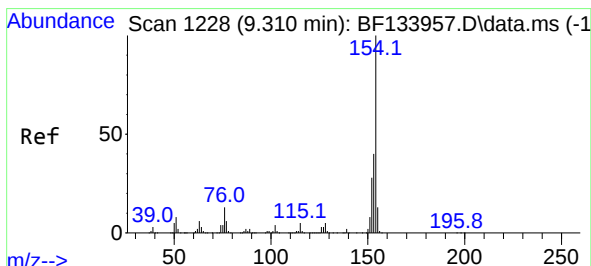
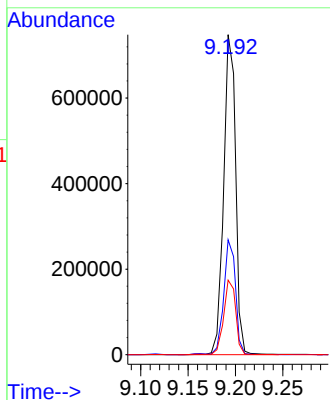
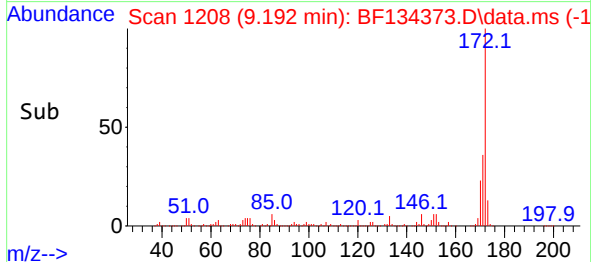
Instrument :
BNA_F
ClientSampleId :
TP5MSD



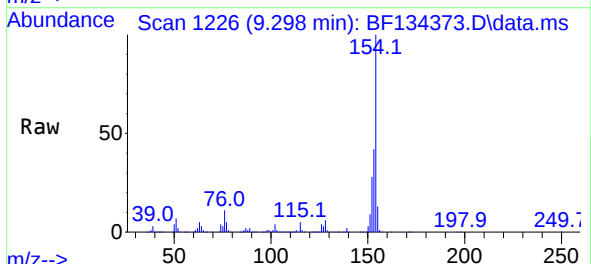
Tgt Ion:172 Resp: 66161
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 19.4 29.0

Manual Integrations
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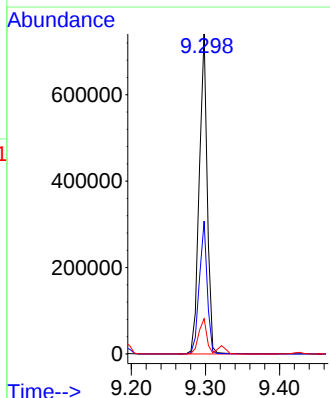
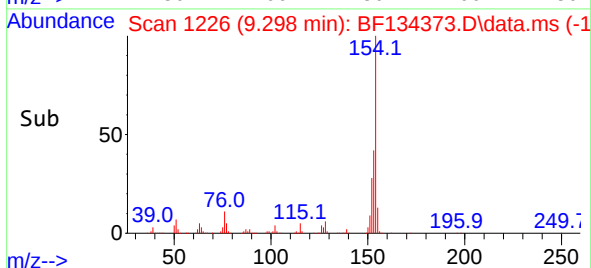
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

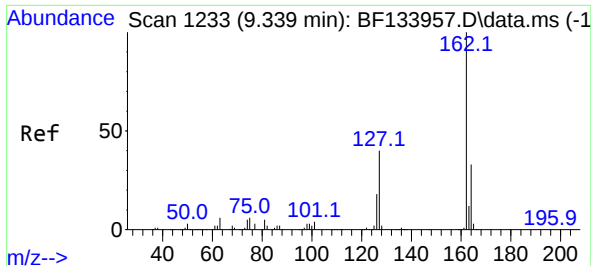


#46
1,1'-Biphenyl
Concen: 54.267 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:154 Resp: 551768
Ion Ratio Lower Upper
154 100
153 41.5 19.8 59.8
76 11.0 0.0 32.9





#47
2-Chloronaphthalene
Concen: 55.903 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

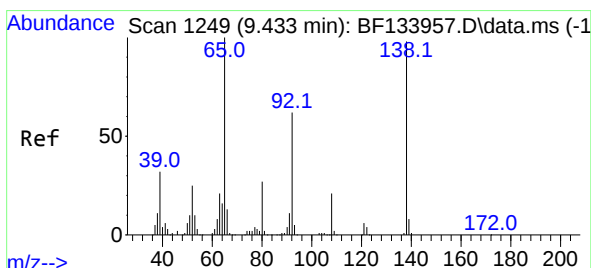
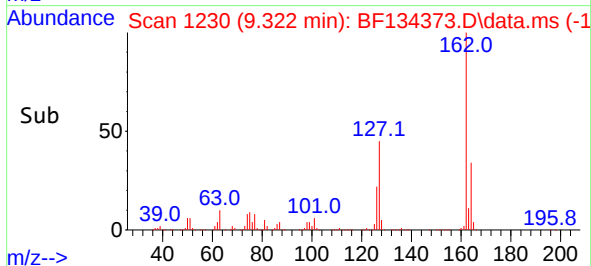
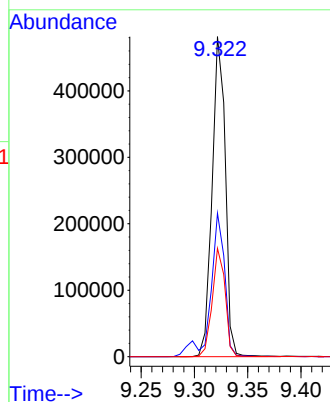
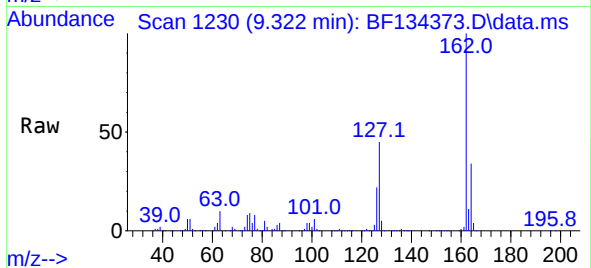
ClientSampleId :

TP5MSD

Tgt Ion:162 Resp: 41588
Ion Ratio Lower Upper
162 100
127 44.9 32.9 49.3
164 33.9 26.1 39.1

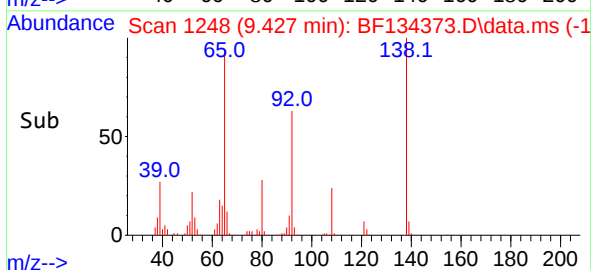
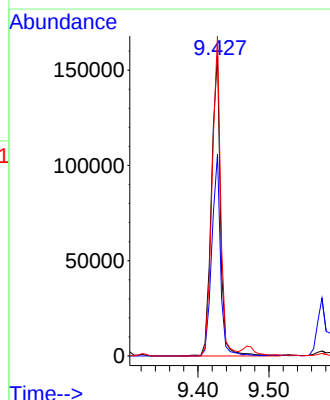
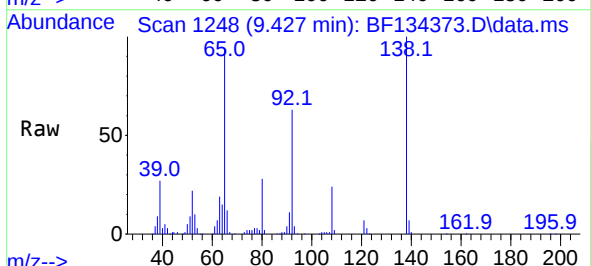
Manual Integrations
APPROVED

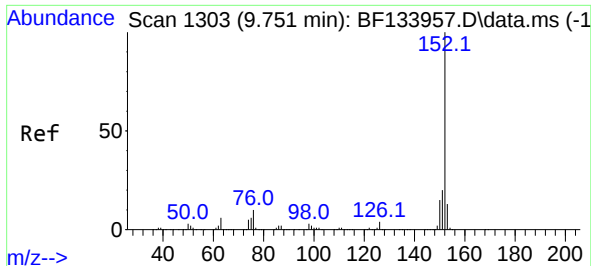
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#48
2-Nitroaniline
Concen: 51.728 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

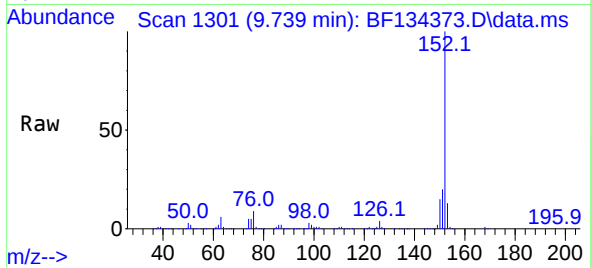
Tgt Ion: 65 Resp: 140247
Ion Ratio Lower Upper
65 100
92 67.0 49.5 74.3
138 106.2 78.0 117.0





#49
Acenaphthylene
Concen: 52.334 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

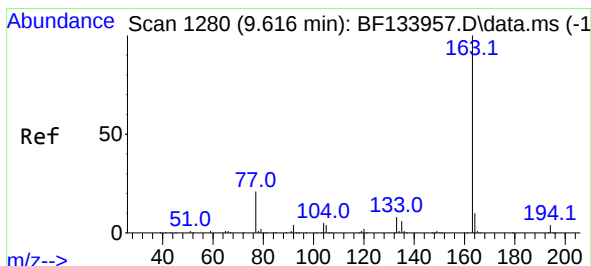
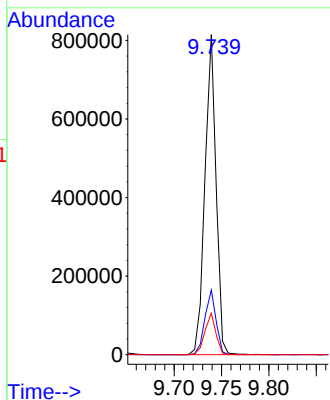
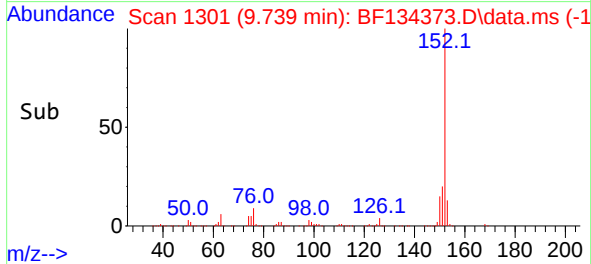
Instrument :
BNA_F
ClientSampleId :
TP5MSD



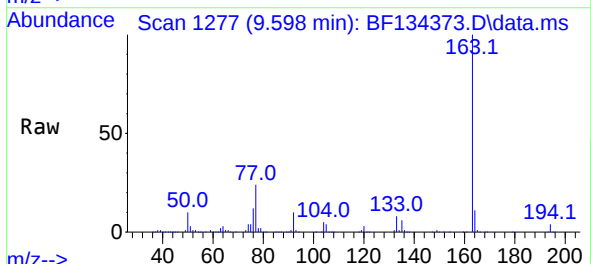
Tgt Ion:152 Resp: 665078
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.9 10.8 16.2

Manual Integrations
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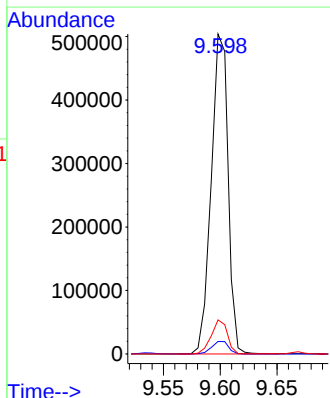
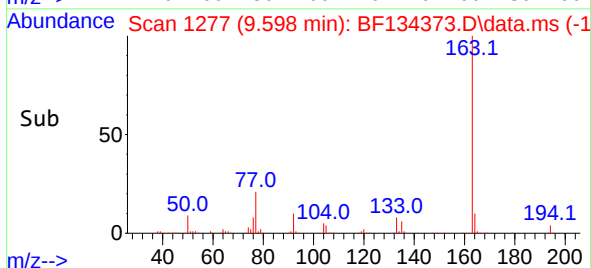
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

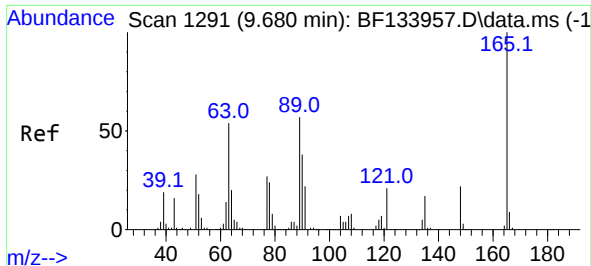


#50
Dimethylphthalate
Concen: 56.647 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:163 Resp: 521211
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.7 8.2 12.2





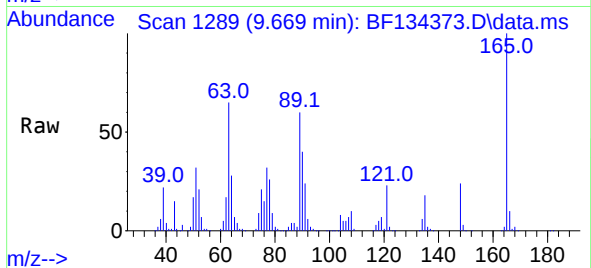
#51
2,6-Dinitrotoluene
Concen: 54.939 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

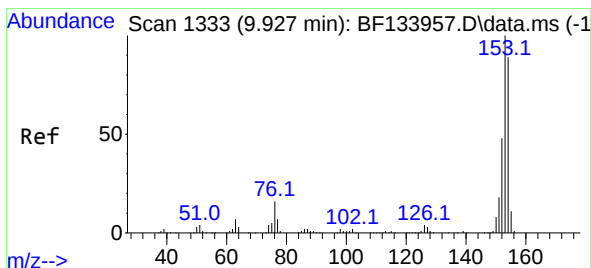
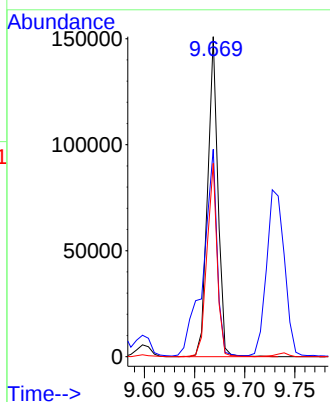
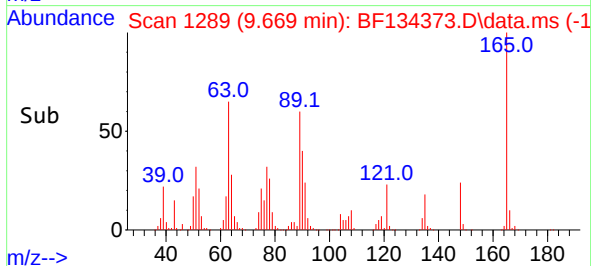


Tgt Ion:165 Resp: 108870
Ion Ratio Lower Upper
165 100
63 64.8 48.5 72.7
89 60.4 45.5 68.3

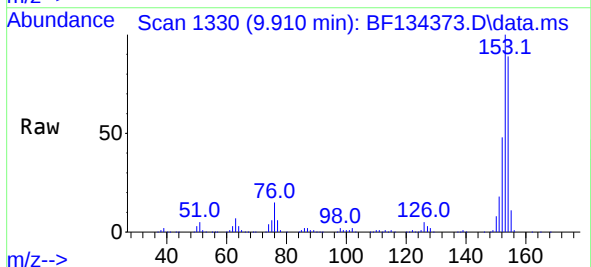
Manual Integrations

APPROVED

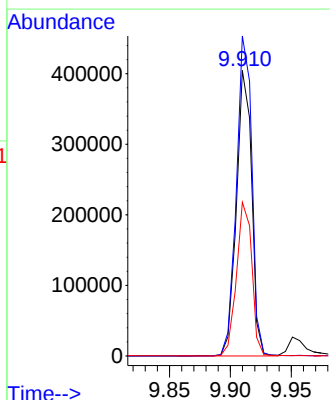
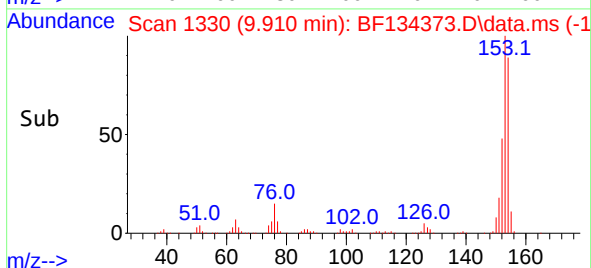
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

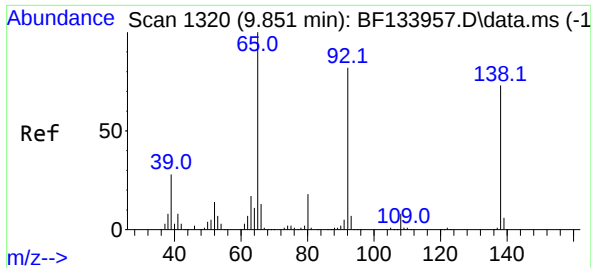


#52
Acenaphthene
Concen: 47.776 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



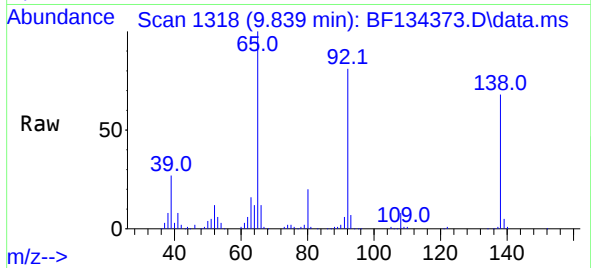
Tgt Ion:154 Resp: 352302
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.2
152 53.9 42.8 64.2





#53
3-Nitroaniline
Concen: 36.867 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

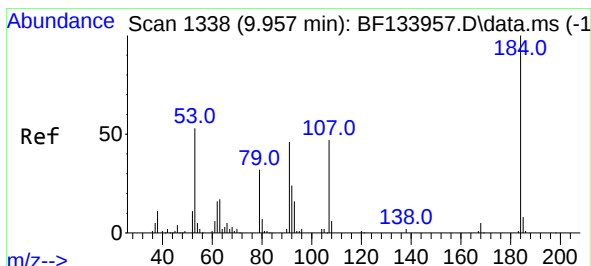
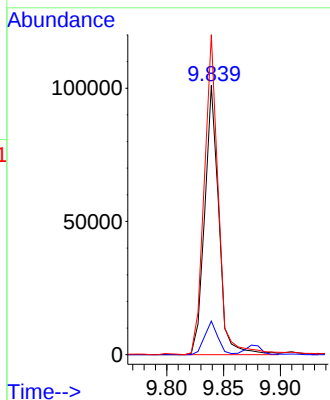
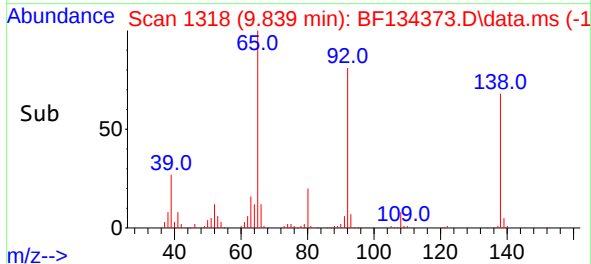
Instrument :
BNA_F
ClientSampleId :
TP5MSD



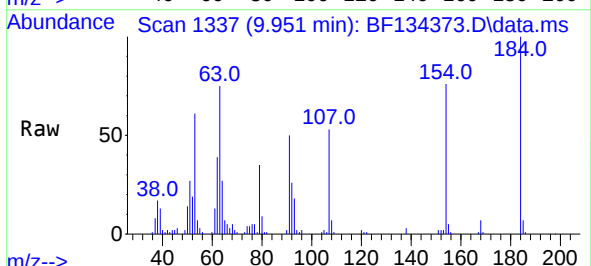
Tgt Ion:138 Resp: 87649
Ion Ratio Lower Upper
138 100
108 12.5 8.4 12.6
92 118.9 90.1 135.1

Manual Integrations
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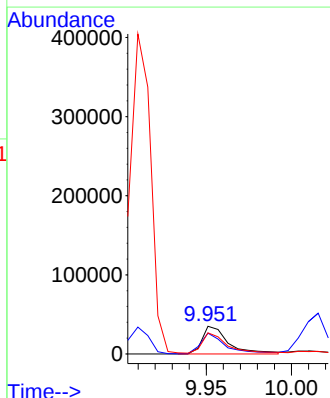
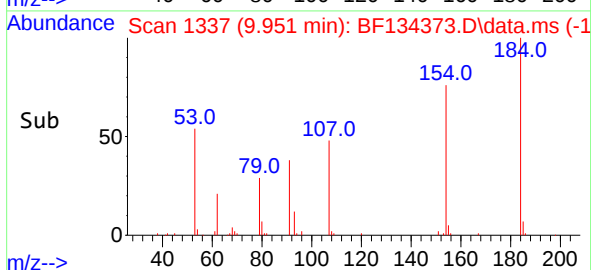
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

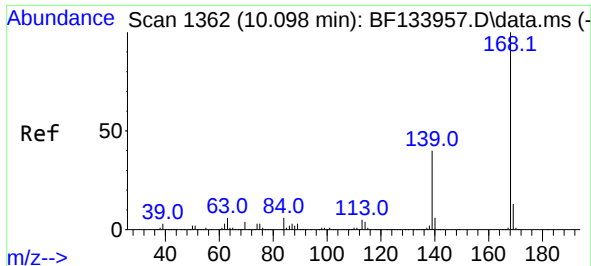


#54
2,4-Dinitrophenol
Concen: 35.095 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



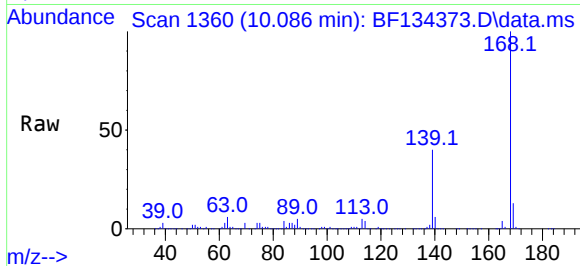
Tgt Ion:184 Resp: 37557
Ion Ratio Lower Upper
184 100
63 75.4 56.9 85.3
154 76.3 55.4 83.0





#55
Dibenzenofuran
Concen: 50.697 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

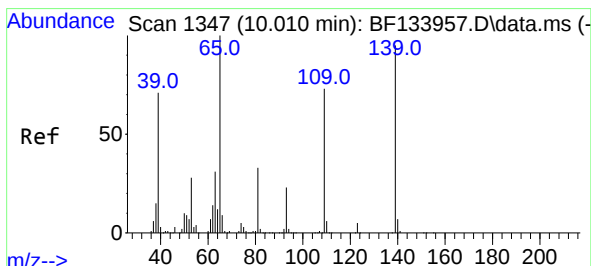
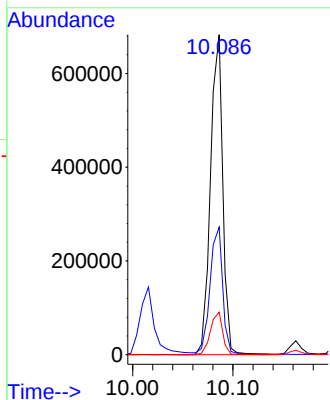
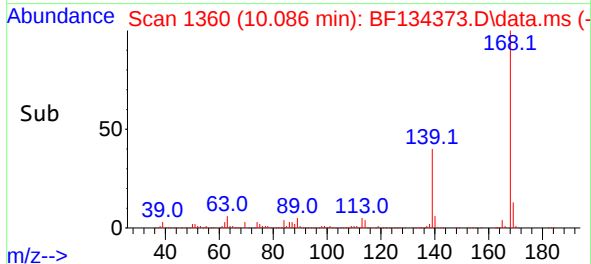
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:168 Resp: 58425
Ion Ratio Lower Upper
168 100
139 39.9 32.0 48.0
169 13.3 10.6 16.0

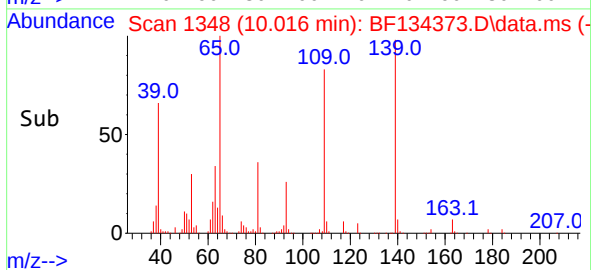
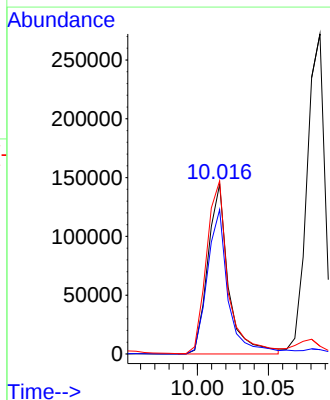
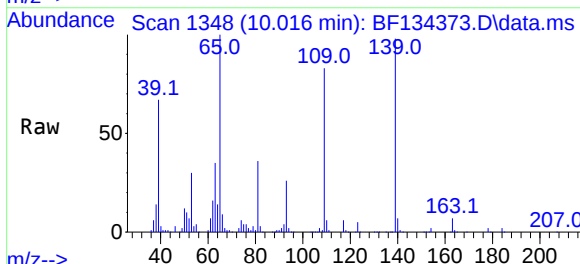
Manual Integrations
APPROVED

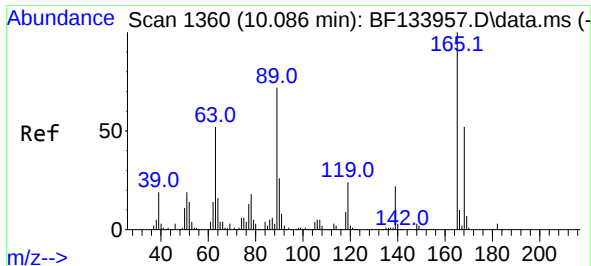
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#56
4-Nitrophenol
Concen: 87.408 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:139 Resp: 145358
Ion Ratio Lower Upper
139 100
109 85.0 56.8 96.8
65 102.0 86.1 126.1





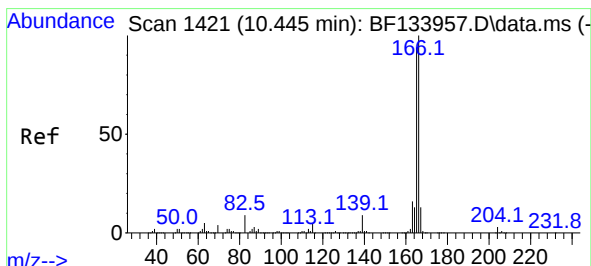
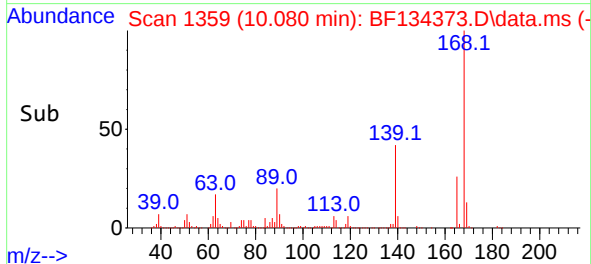
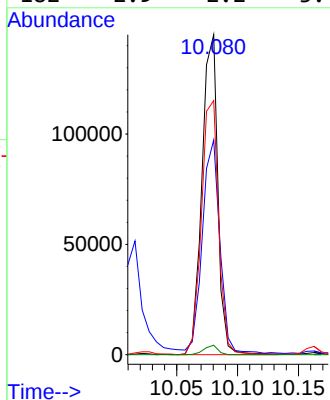
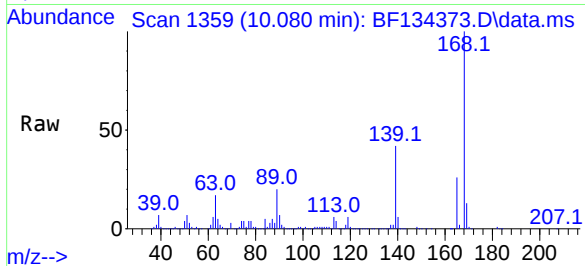
#57
2,4-Dinitrotoluene
Concen: 50.216 ng
RT: 10.080 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Tgt Ion:165 Resp: 13142
Ion Ratio Lower Upper
165 100
63 67.1 42.2 63.2
89 79.4 57.4 86.2
182 2.9 2.2 3.4

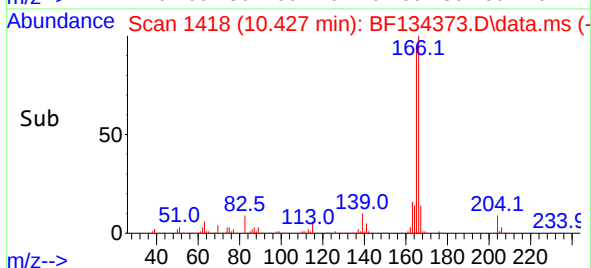
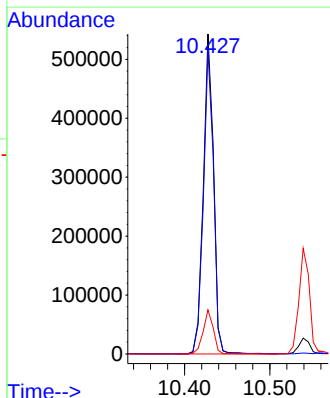
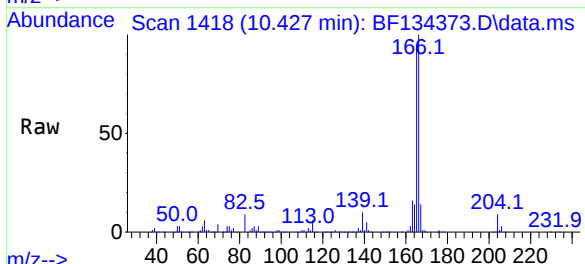
Manual Integrations
APPROVED

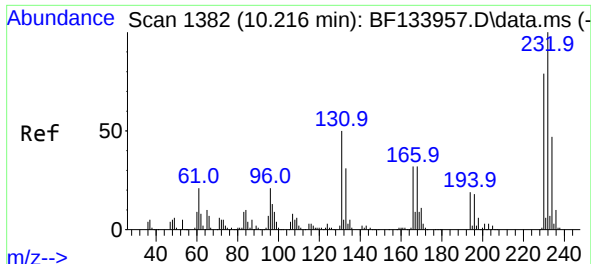
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#58
Fluorene
Concen: 50.461 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

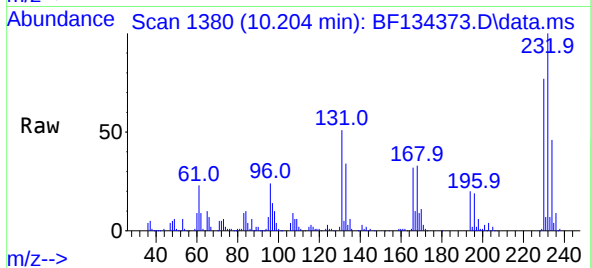
Tgt Ion:166 Resp: 452428
Ion Ratio Lower Upper
166 100
165 94.9 75.0 112.4
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.683 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

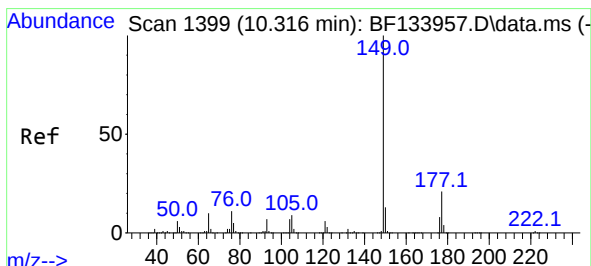
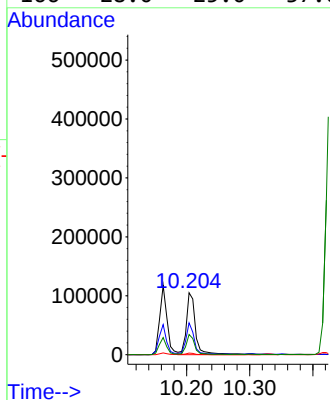
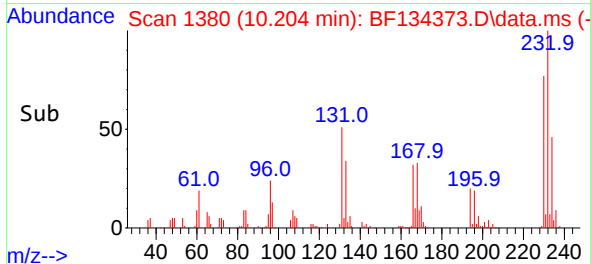
Instrument :
BNA_F
ClientSampleId :
TP5MSD



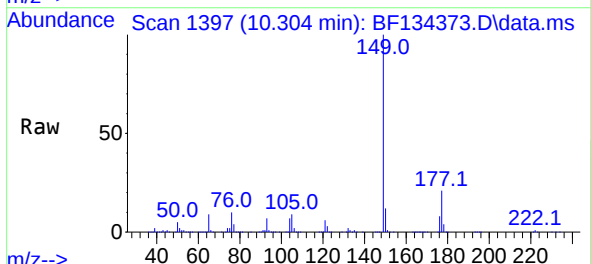
Tgt Ion:232 Resp: 10835
Ion Ratio Lower Upper
232 100
131 45.0 39.3 58.9
130 2.4 1.8 2.6
166 28.0 25.0 37.6

Manual Integrations
APPROVED

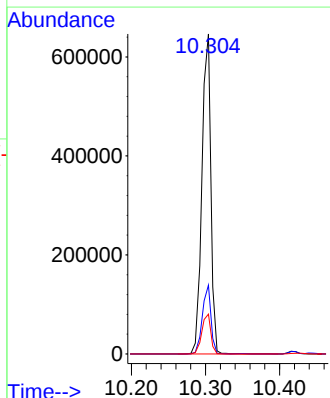
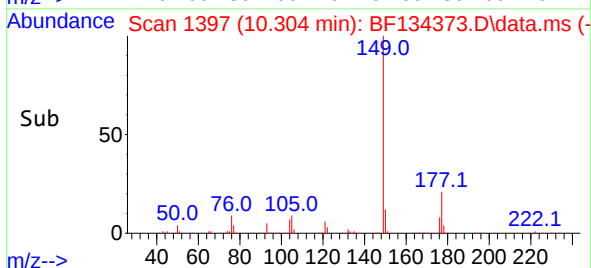
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

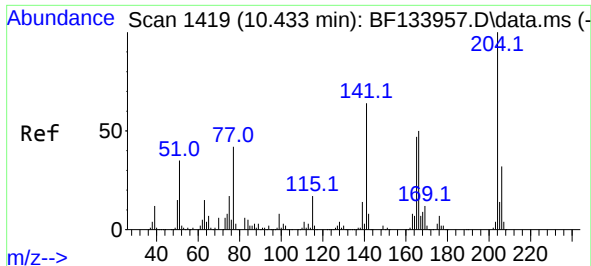


#60
Diethylphthalate
Concen: 56.791 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



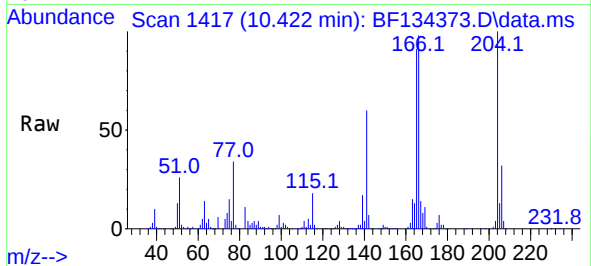
Tgt Ion:149 Resp: 544399
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 55.051 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

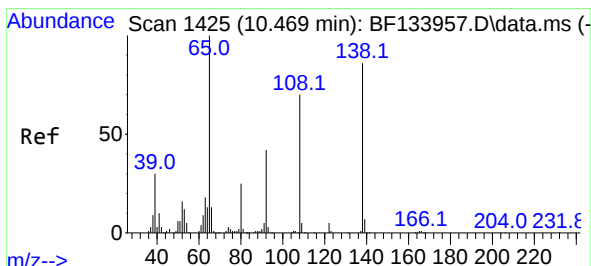
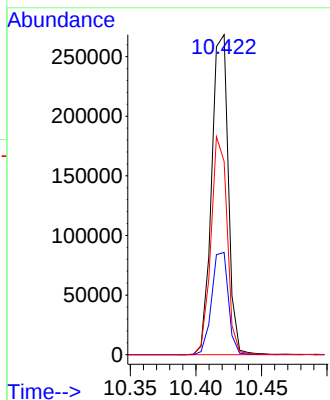
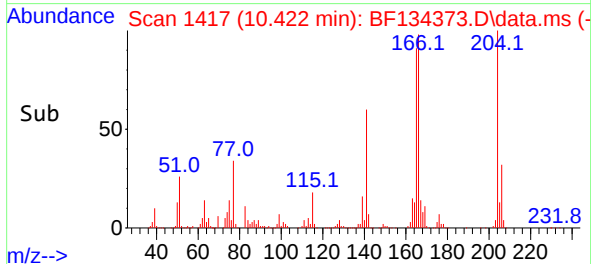
Instrument :
BNA_F
ClientSampleId :
TP5MSD



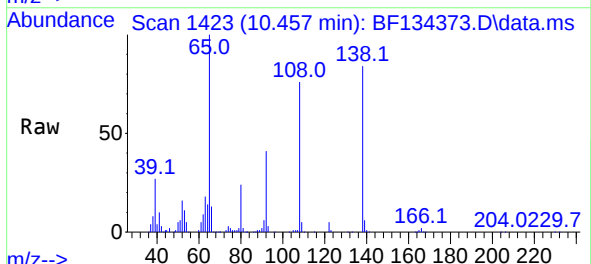
Tgt Ion:204 Resp: 237860
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 60.4 51.5 77.3

Manual Integrations
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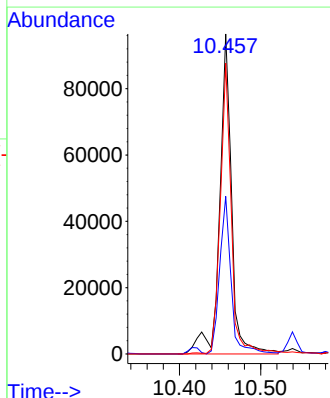
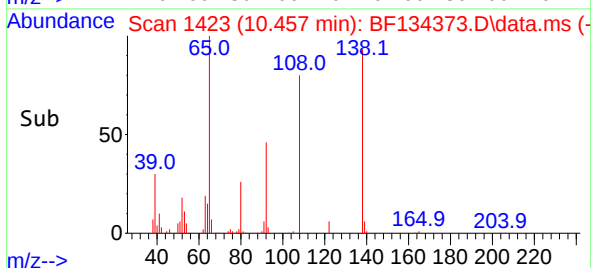
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

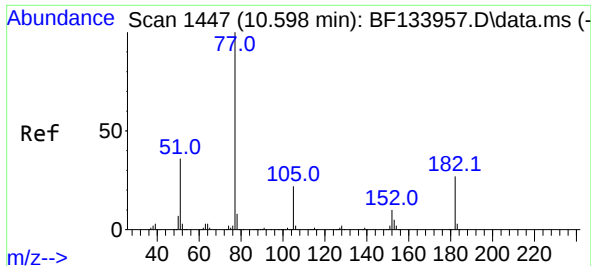


#62
4-Nitroaniline
Concen: 41.270 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



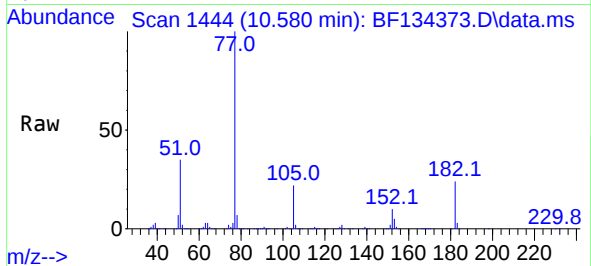
Tgt Ion:138 Resp: 98882
Ion Ratio Lower Upper
138 100
92 49.2 29.7 69.7
108 90.9 62.1 102.1





#63
Azobenzene
Concen: 49.881 ng
RT: 10.580 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

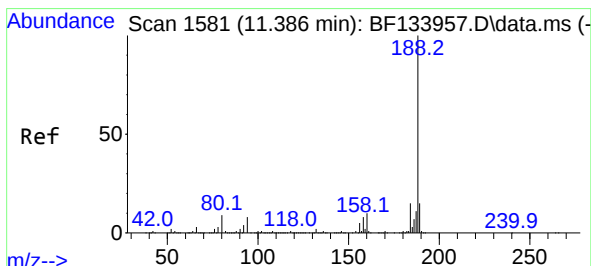
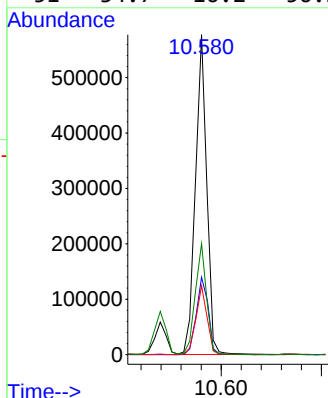
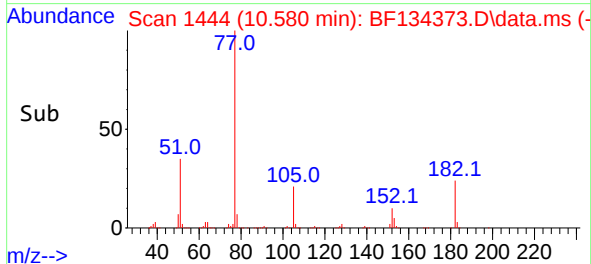
Instrument :
BNA_F
ClientSampleId :
TP5MSD



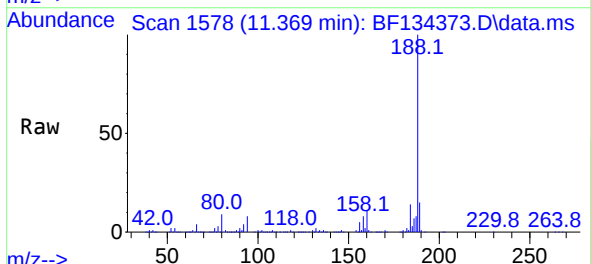
Tgt Ion: 77 Resp: 452302
Ion Ratio Lower Upper
77 100
182 24.2 6.8 46.8
105 21.5 2.3 42.3
51 34.7 16.2 56.2

Manual Integrations
APPROVED

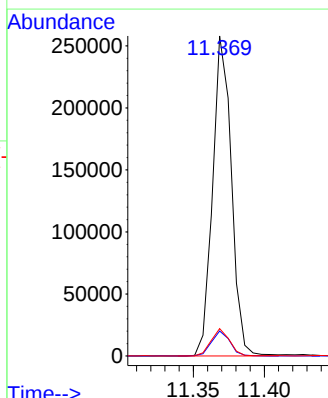
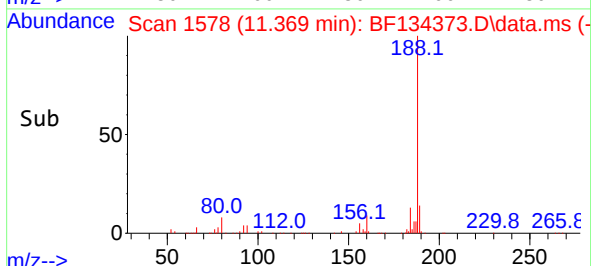
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

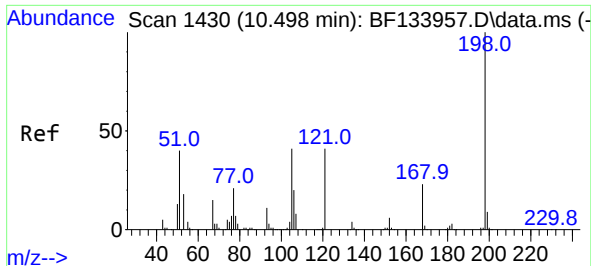


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:188 Resp: 236493
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.5 7.3 10.9





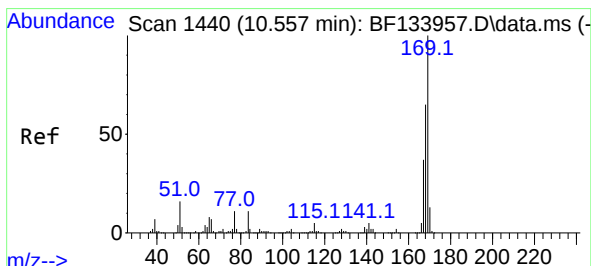
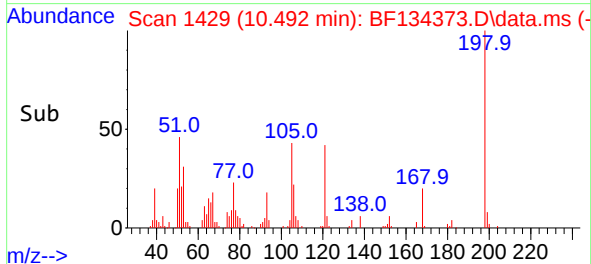
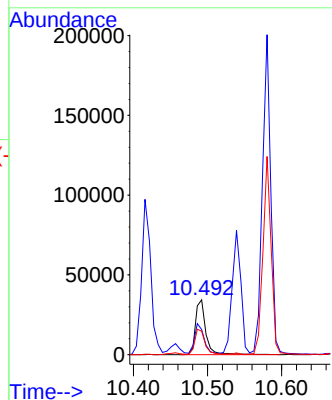
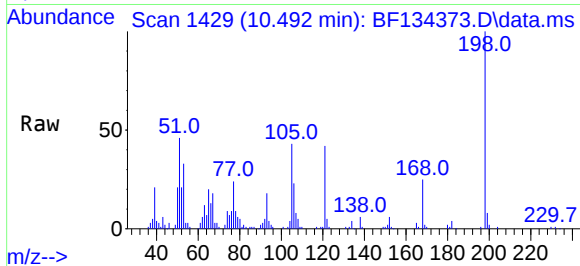
#65
4,6-Dinitro-2-methylphenol
Concen: 25.629 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :
BNA_F
ClientSampleId :
TP5MSD

Tgt Ion:198 Resp: 33045
Ion Ratio Lower Upper
198 100
51 45.7 29.3 69.3
105 42.7 22.4 62.4

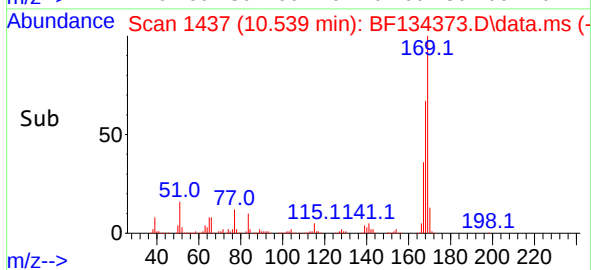
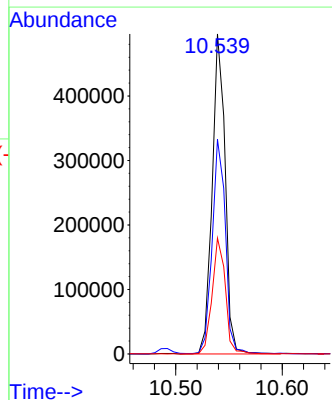
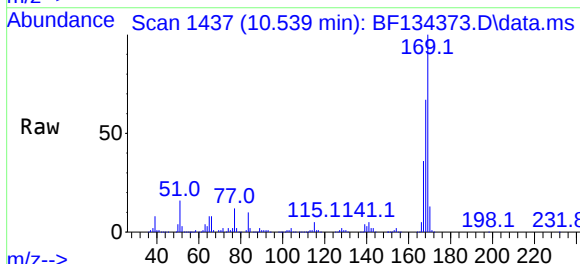
Manual Integrations
APPROVED

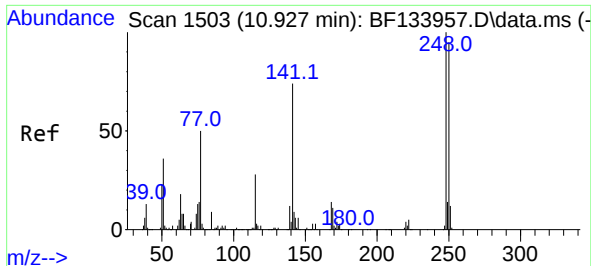
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#66
n-Nitrosodiphenylamine
Concen: 55.718 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:169 Resp: 421009
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 57.469 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

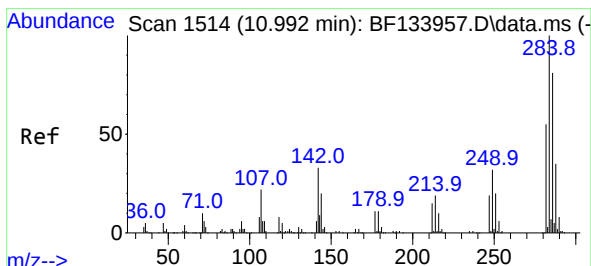
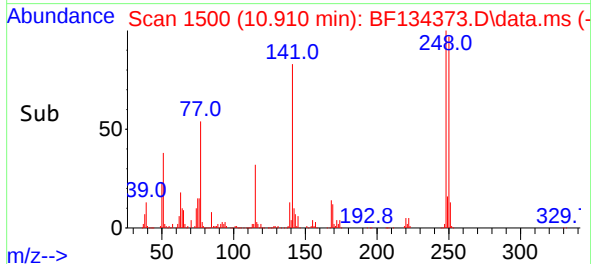
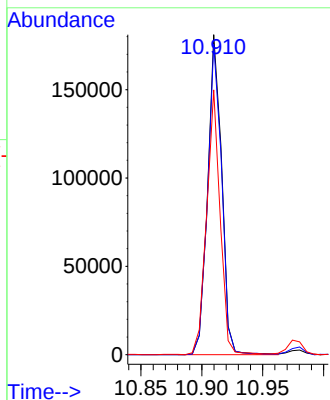
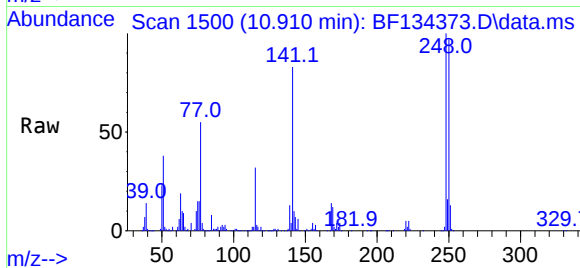
ClientSampleId :

TP5MSD

Tgt Ion:248 Resp: 14445
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 82.8 59.0 88.4

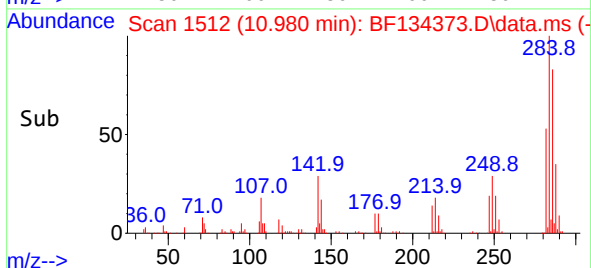
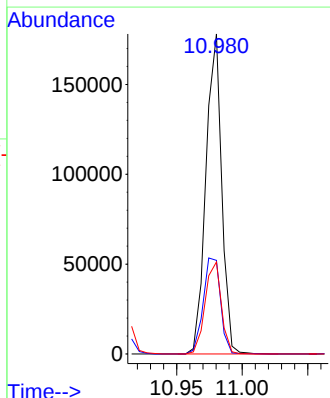
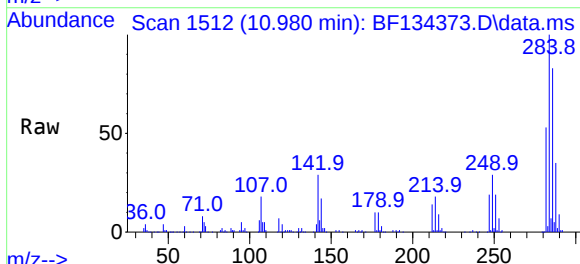
Manual Integrations
APPROVED

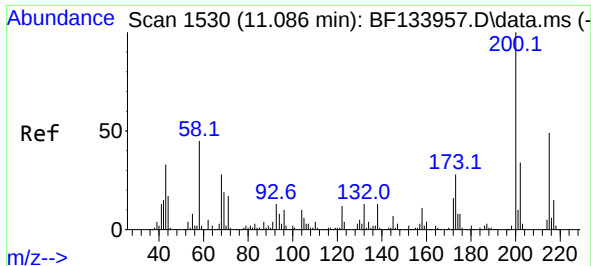
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#68
Hexachlorobenzene
Concen: 55.891 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

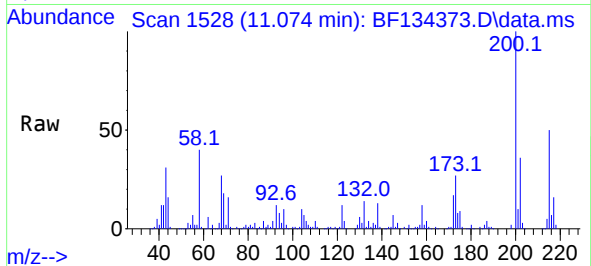
Tgt Ion:284 Resp: 149167
Ion Ratio Lower Upper
284 100
142 29.3 26.6 40.0
249 28.8 25.5 38.3





#69
Atrazine
Concen: 59.818 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

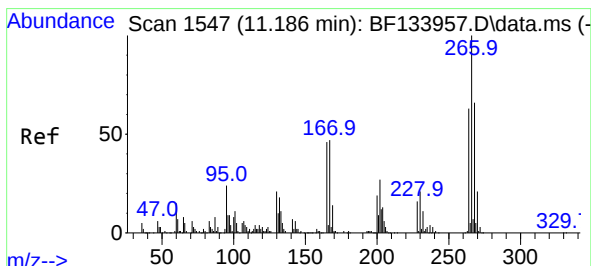
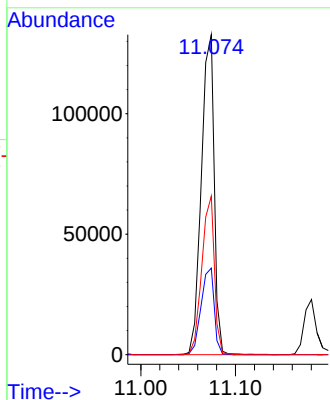
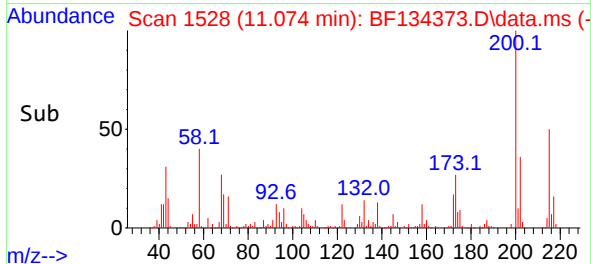
Instrument :
BNA_F
ClientSampleId :
TP5MSD



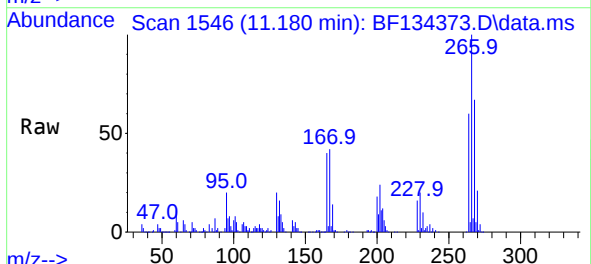
Tgt Ion:200 Resp: 12502
Ion Ratio Lower Upper
200 100
173 27.1 8.0 48.0
215 49.6 29.3 69.3

Manual Integrations
APPROVED

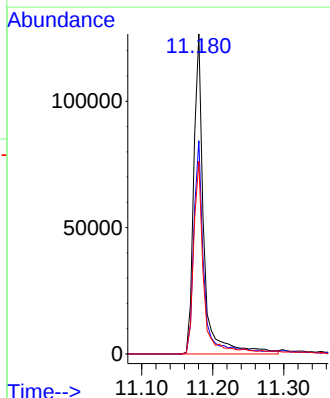
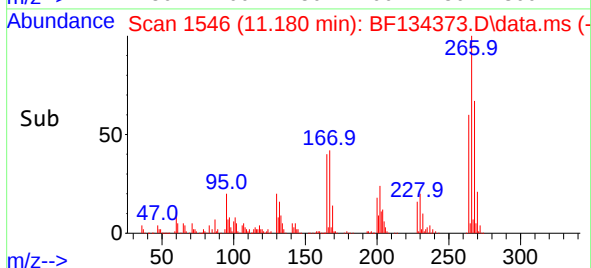
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

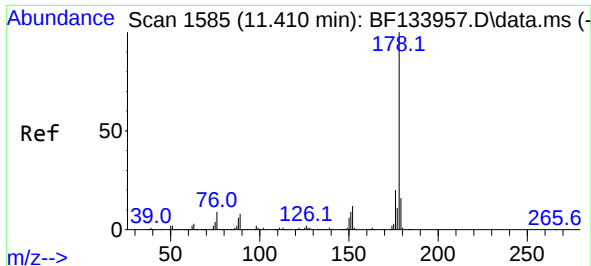


#70
Pentachlorophenol
Concen: 78.894 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



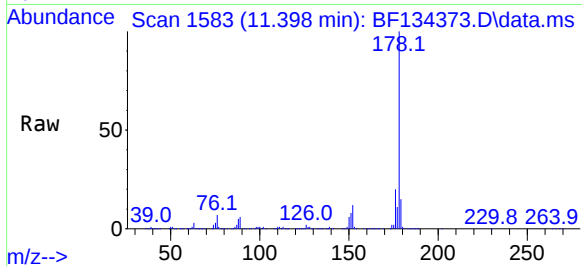
Tgt Ion:266 Resp: 125897
Ion Ratio Lower Upper
266 100
268 66.7 52.6 79.0
264 60.2 50.6 76.0





#71
Phenanthrene
Concen: 48.801 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

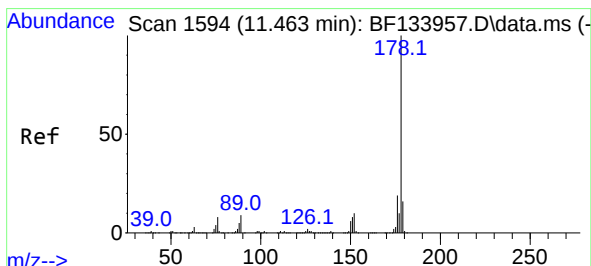
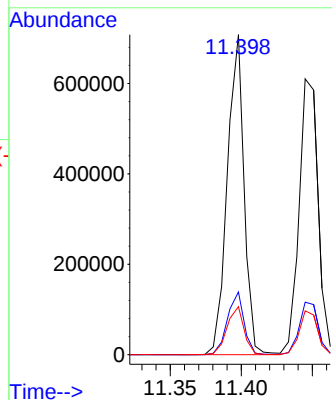
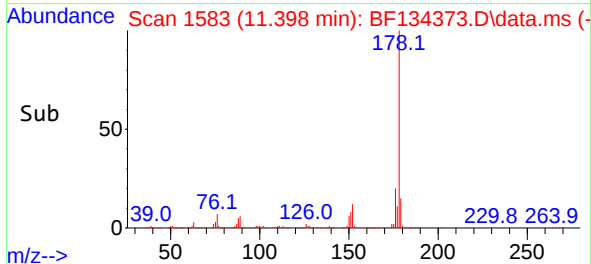
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:178 Resp: 580994
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.0 12.4 18.6

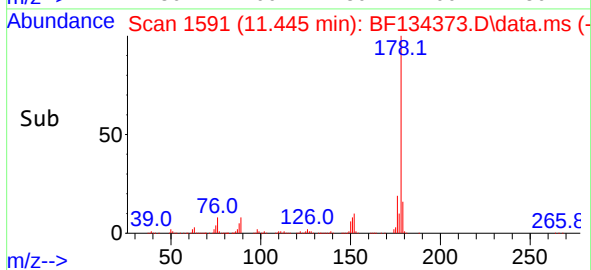
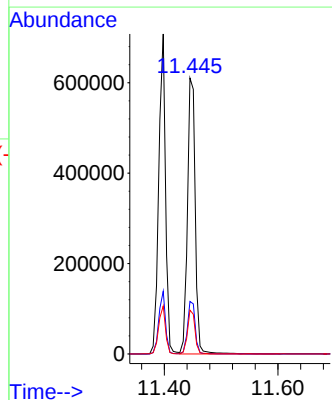
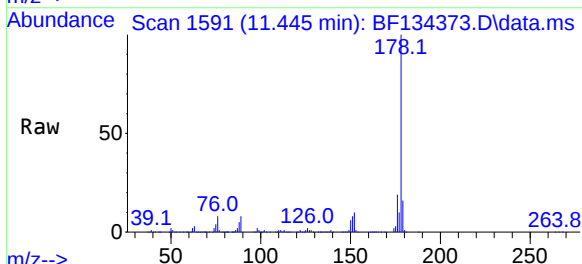
Manual Integrations
APPROVED

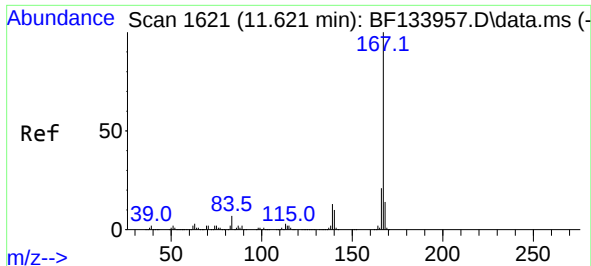
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#72
Anthracene
Concen: 46.657 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

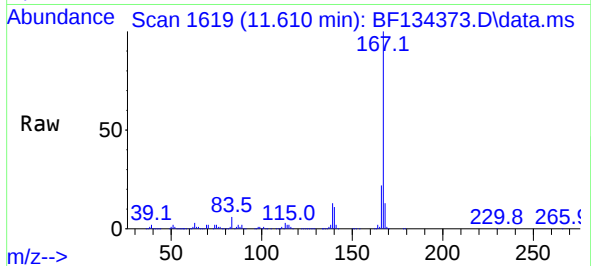
Tgt Ion:178 Resp: 577752
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 46.565 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

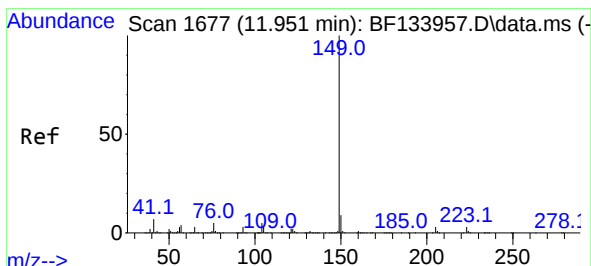
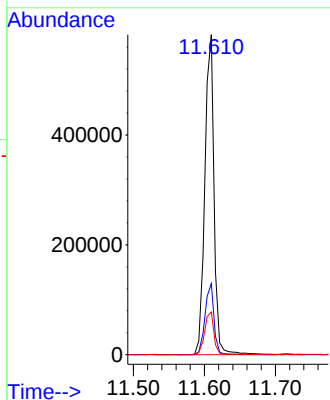
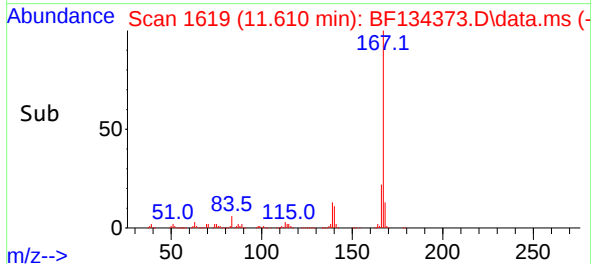
Instrument :
 BNA_F
 ClientSampleId :
 TP5MSD



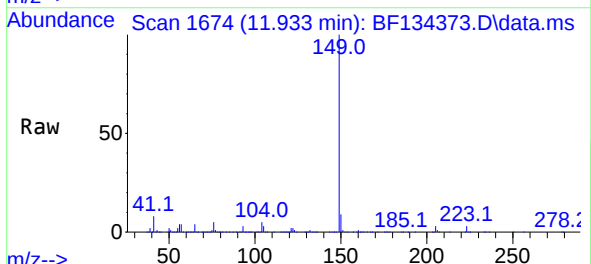
Tgt Ion:167 Resp: 527780
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 13.4 10.4 15.6

Manual Integrations
 APPROVED

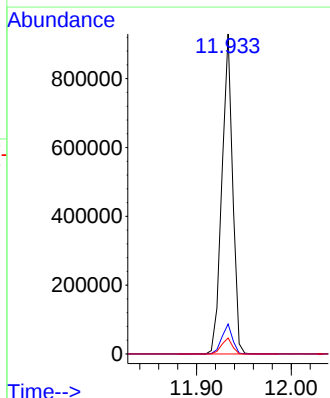
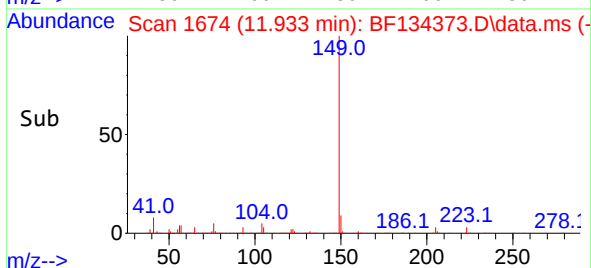
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

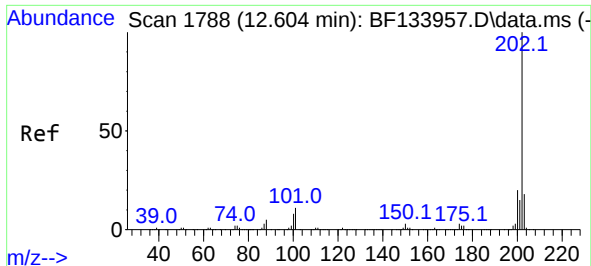


#74
 Di-n-butylphthalate
 Concen: 54.473 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04



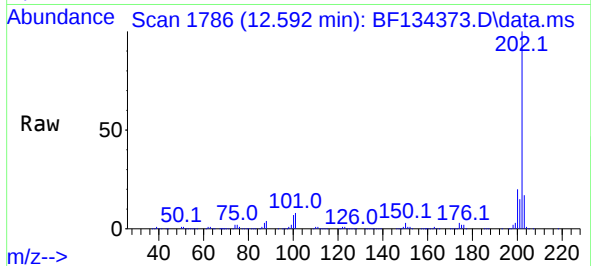
Tgt Ion:149 Resp: 734223
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 40.339 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

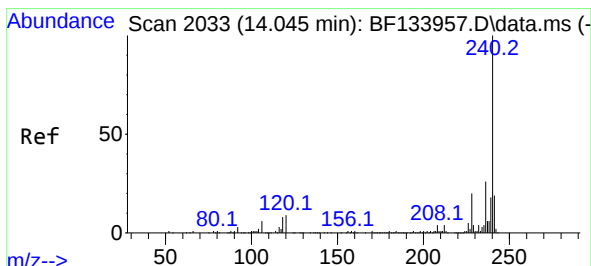
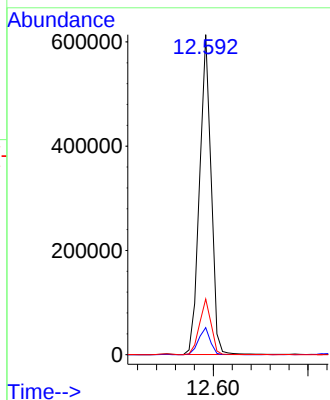
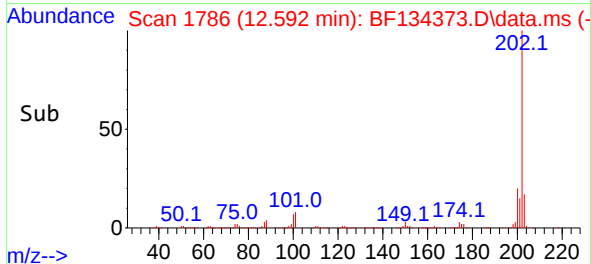
Instrument :
BNA_F
ClientSampleId :
TP5MSD



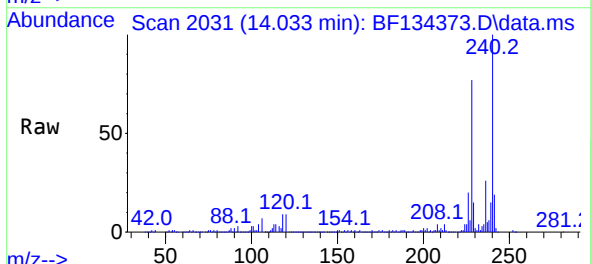
Tgt Ion:202 Resp: 51920
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.0
203 17.4 0.0 37.6

Manual Integrations
APPROVED

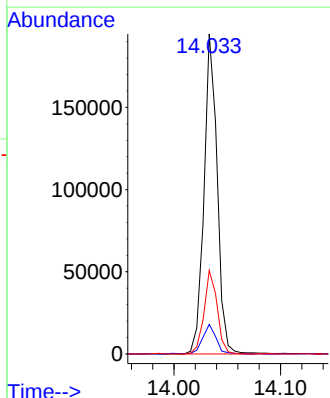
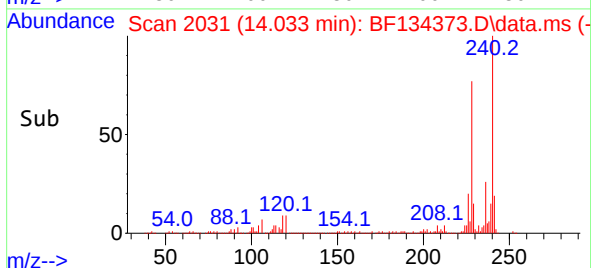
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

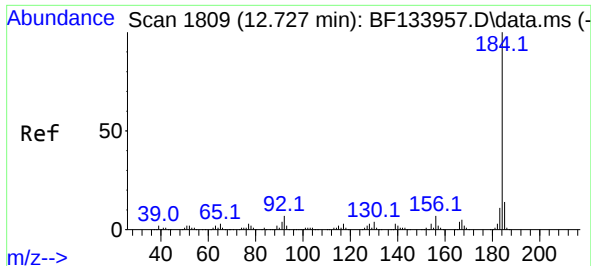


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



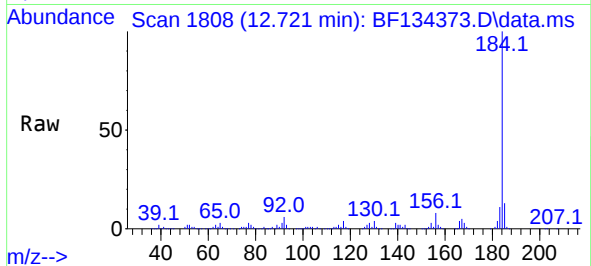
Tgt Ion:240 Resp: 167931
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.1 21.0 31.6





#77
Benzidine
Concen: 81.037 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

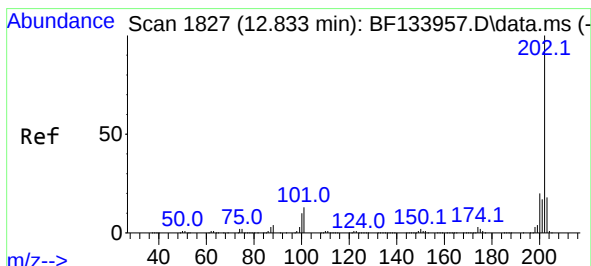
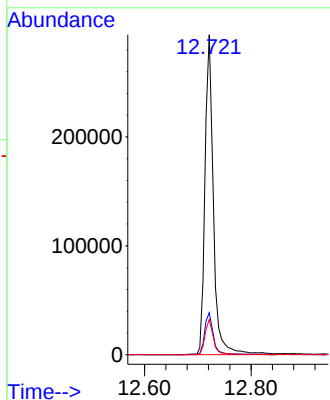
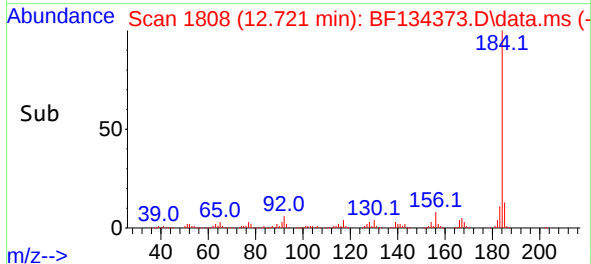
Instrument :
BNA_F
ClientSampleId :
TP5MSD



Tgt Ion:184 Resp: 323808
Ion Ratio Lower Upper
184 100
185 13.1 11.6 17.4
183 10.9 8.8 13.2

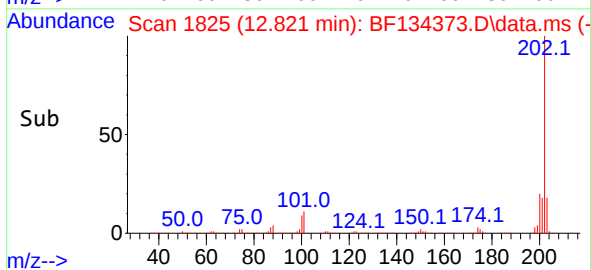
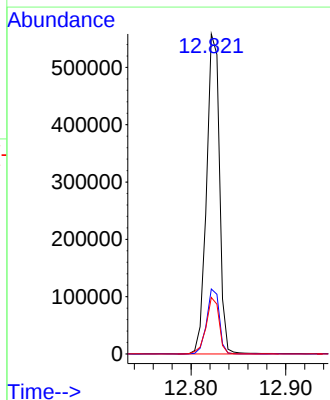
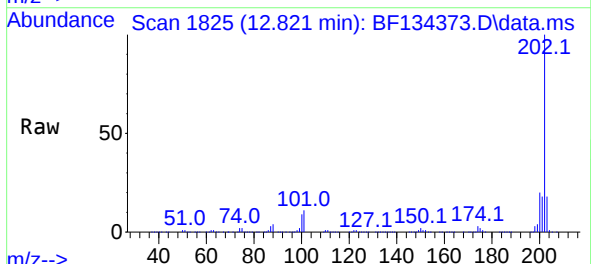
Manual Integrations
APPROVED

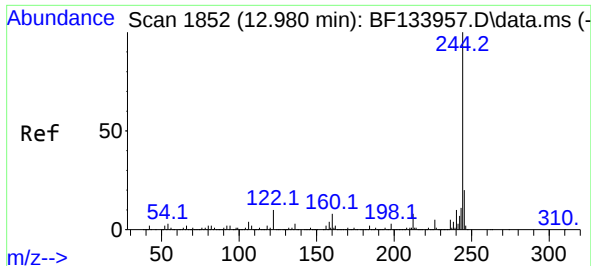
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#78
Pyrene
Concen: 33.769 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:202 Resp: 527743
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 48.646 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

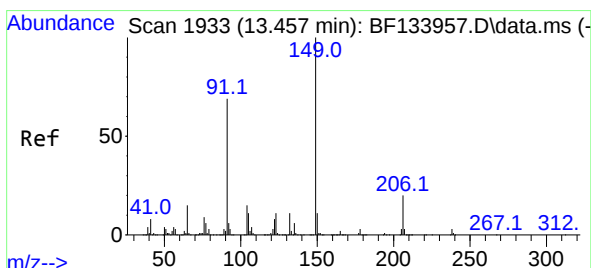
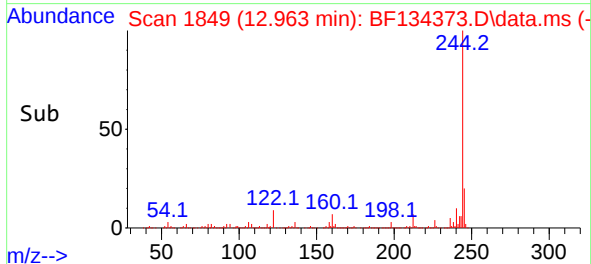
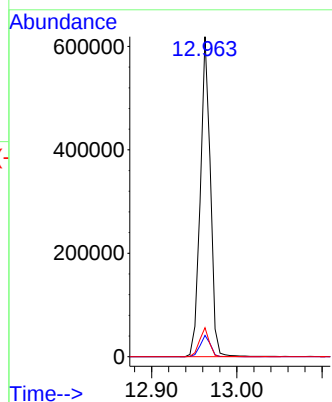
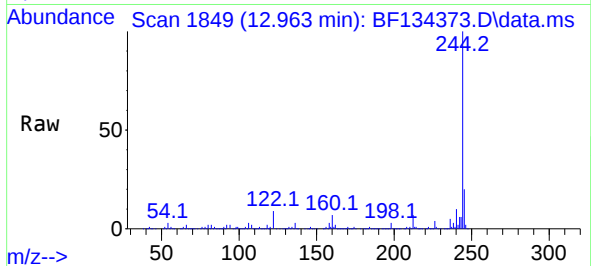
TP5MSD

Tgt Ion:244 Resp: 507580
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.1 8.3 12.5

Manual Integrations

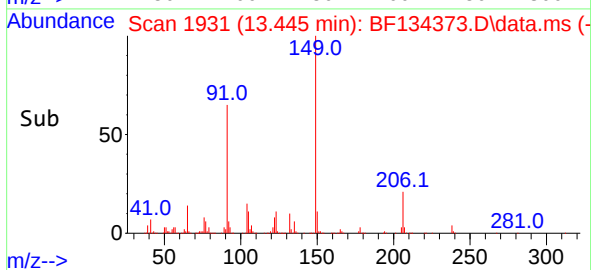
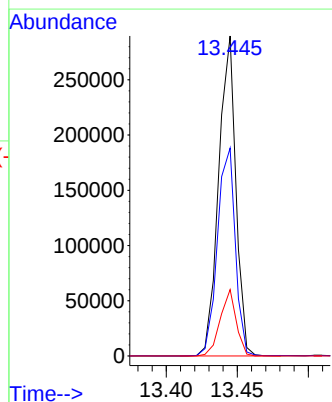
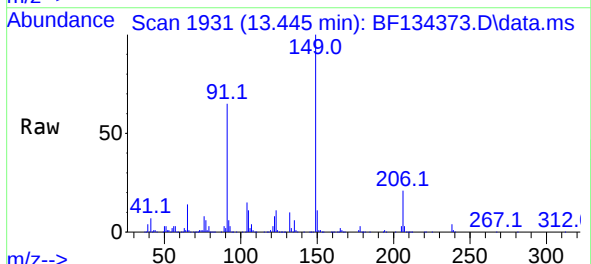
APPROVED

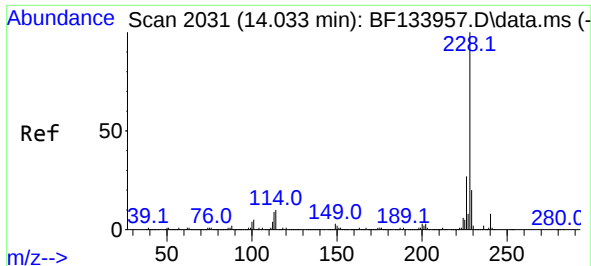
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



#80
 Butylbenzylphthalate
 Concen: 41.567 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134373.D
 Acq: 19 Jul 2023 23:04

Tgt Ion:149 Resp: 243637
 Ion Ratio Lower Upper
 149 100
 91 65.0 55.1 82.7
 206 20.7 15.7 23.5





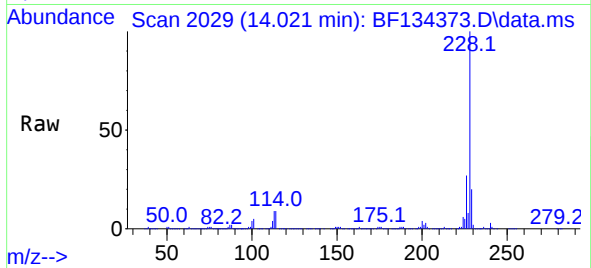
#81
Benzo(a)anthracene
Concen: 46.104 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

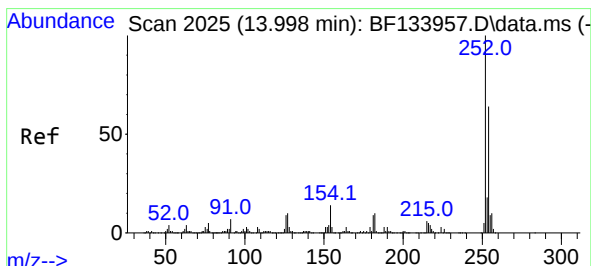
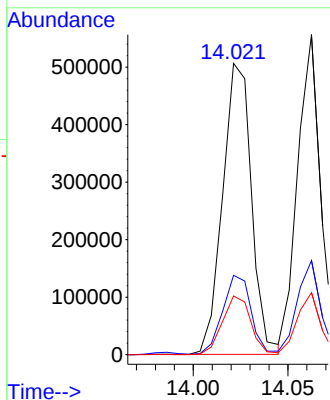
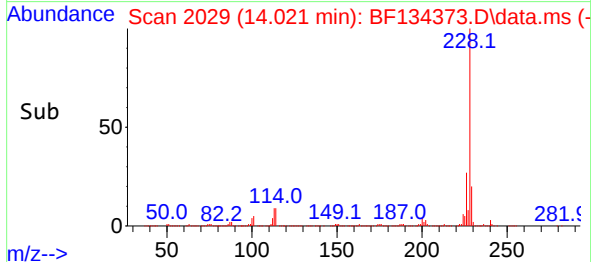


Tgt Ion:228 Resp: 536944
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 20.2 16.3 24.5

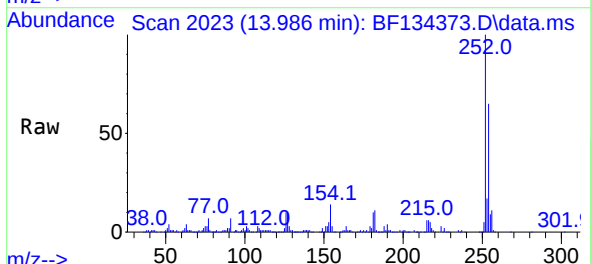
Manual Integrations

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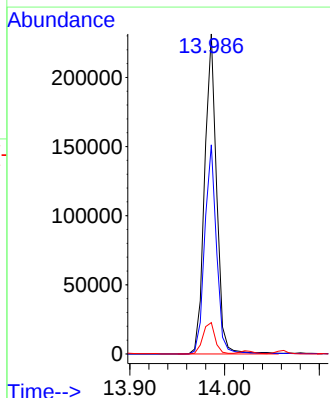
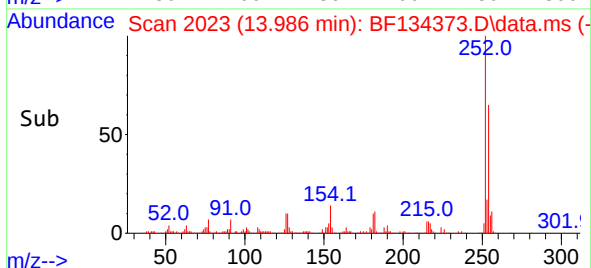
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

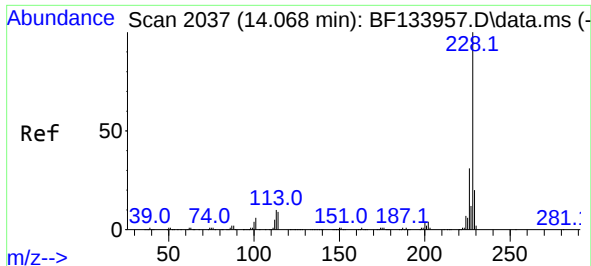


#82
3,3'-Dichlorobenzidine
Concen: 55.133 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



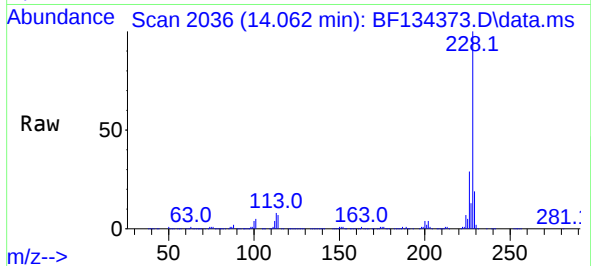
Tgt Ion:252 Resp: 203431
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 9.8 7.4 11.2





#83
Chrysene
Concen: 41.328 ng
RT: 14.062 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

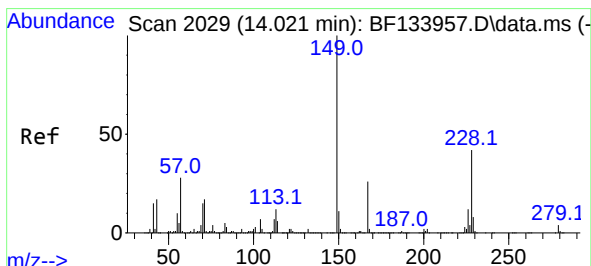
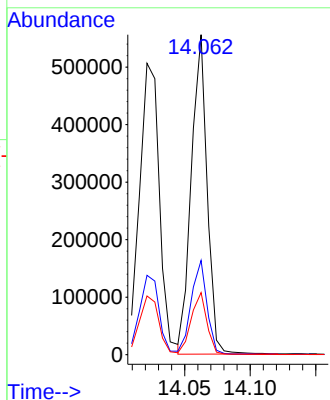
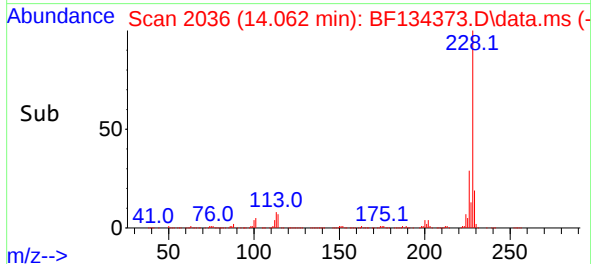
Instrument :
BNA_F
ClientSampleId :
TP5MSD



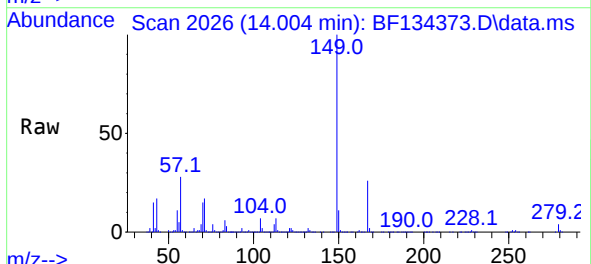
Tgt Ion:228 Resp: 466184
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 19.4 16.1 24.1

Manual Integrations
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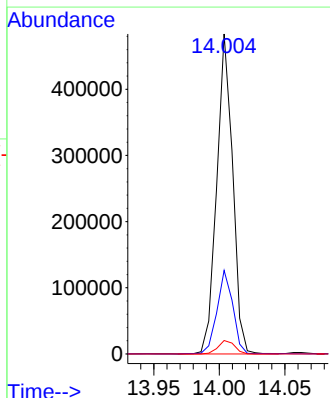
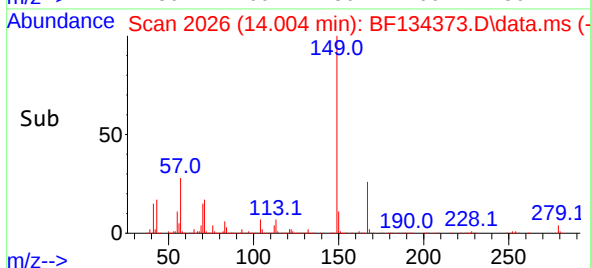
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

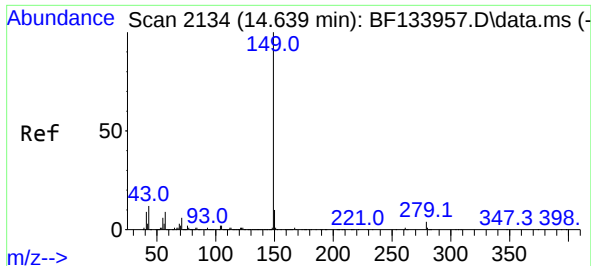


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.544 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



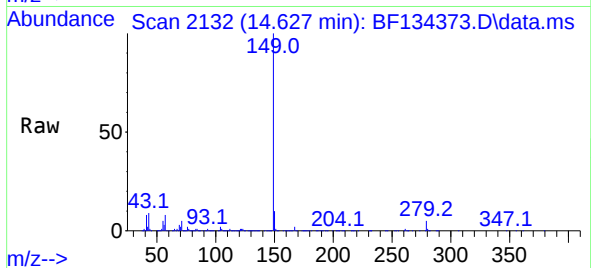
Tgt Ion:149 Resp: 407762
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 64.455 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

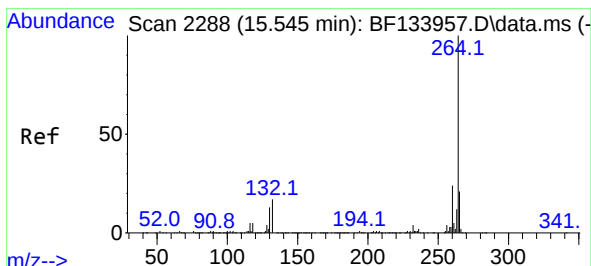
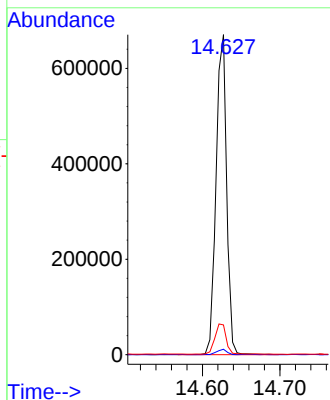
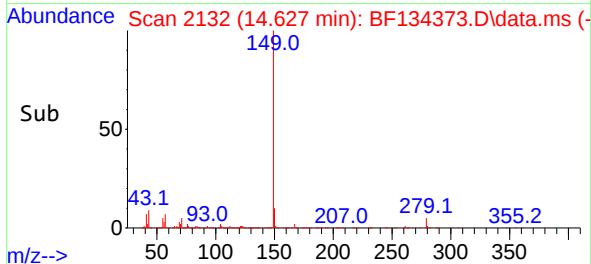
Instrument :
BNA_F
ClientSampleId :
TP5MSD



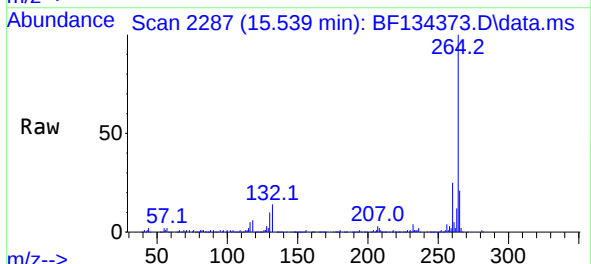
Tgt Ion:149 Resp: 637858
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 9.0 13.4

Manual Integrations
APPROVED

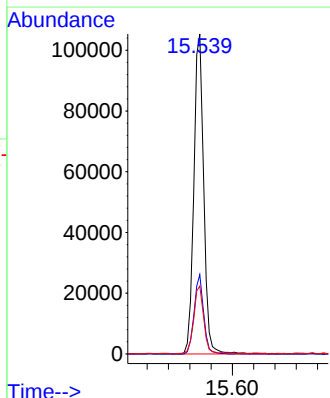
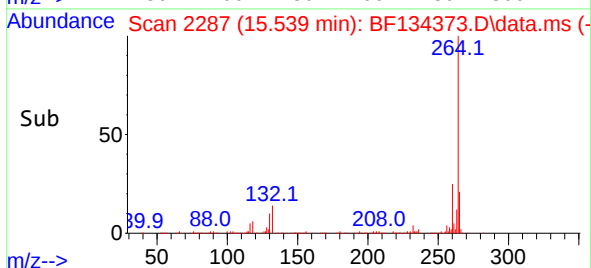
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

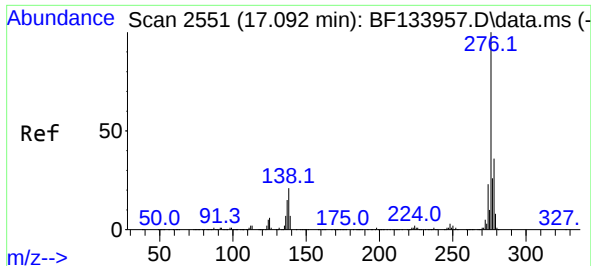


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:264 Resp: 135477
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.2 16.6 25.0





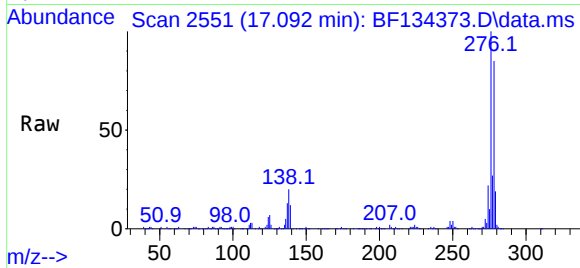
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.958 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

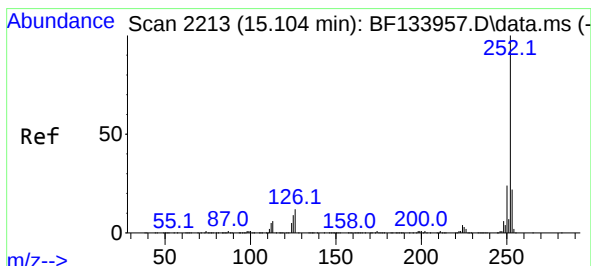
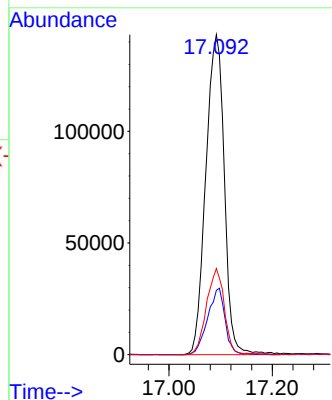
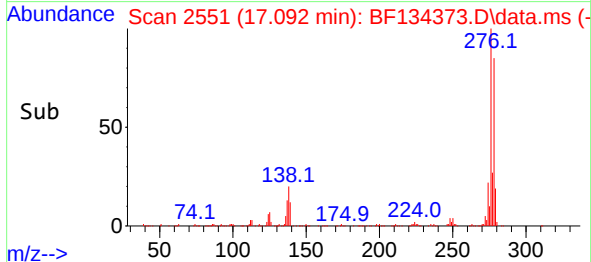


Tgt Ion:276 Resp: 35683
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 25.8 19.9 29.9

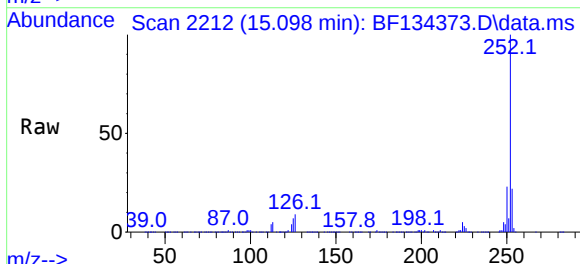
Manual Integrations

APPROVED

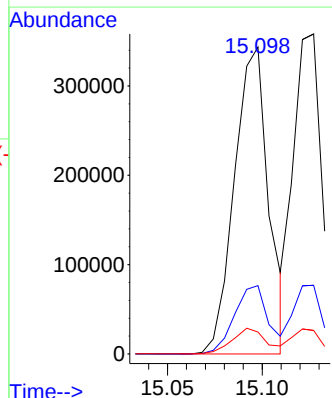
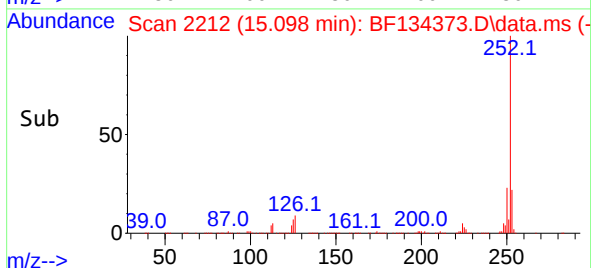
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

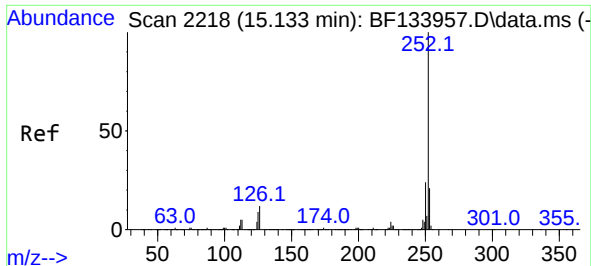


#88
Benzo(b)fluoranthene
Concen: 54.197 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04



Tgt Ion:252 Resp: 431742
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 7.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

TP5MSD

Tgt Ion:252 Resp: 38082

Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

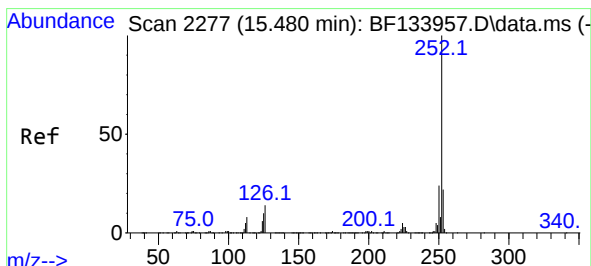
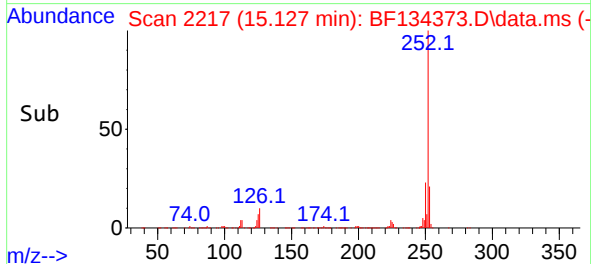
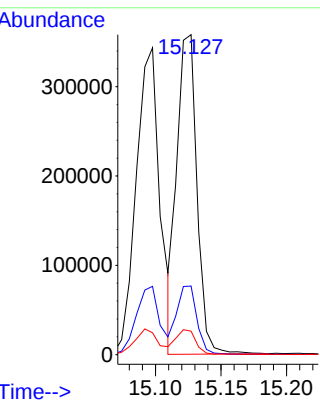
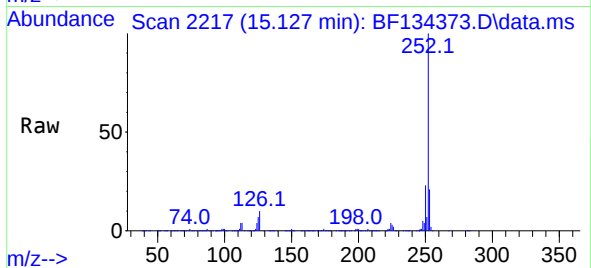
125 7.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#90

Benzo(a)pyrene

Concen: 44.330 ng

RT: 15.474 min Scan# 2276

Delta R.T. -0.006 min

Lab File: BF134373.D

Acq: 19 Jul 2023 23:04

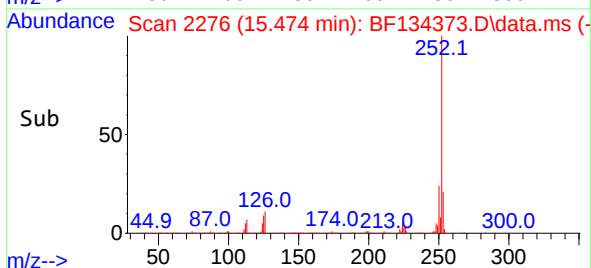
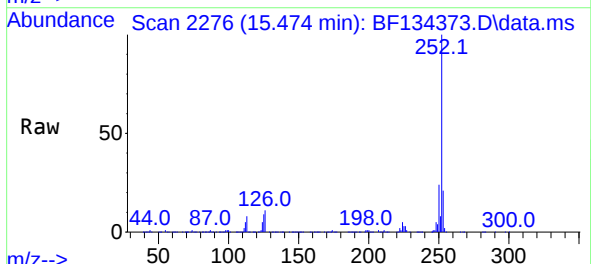
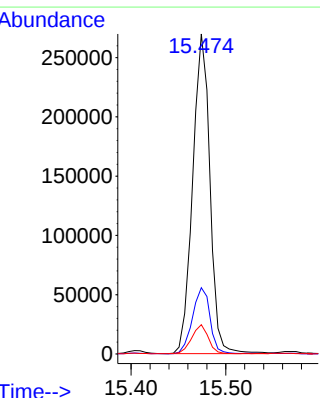
Tgt Ion:252 Resp: 341482

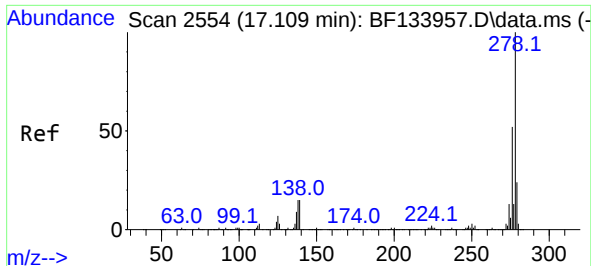
Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.0

125 9.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 40.281 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Instrument :

BNA_F

ClientSampleId :

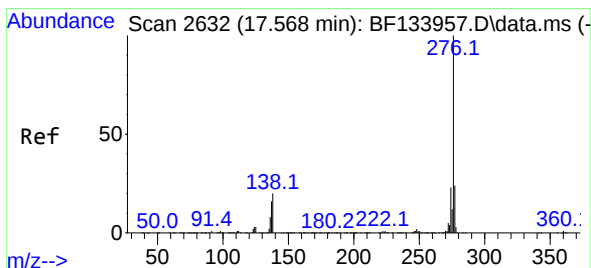
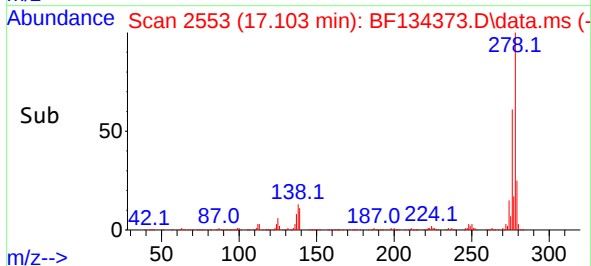
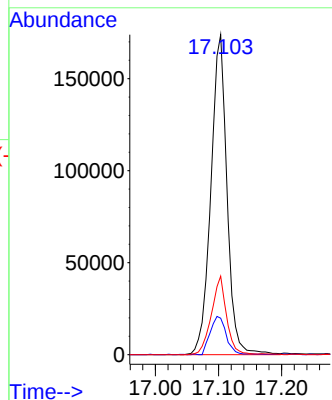
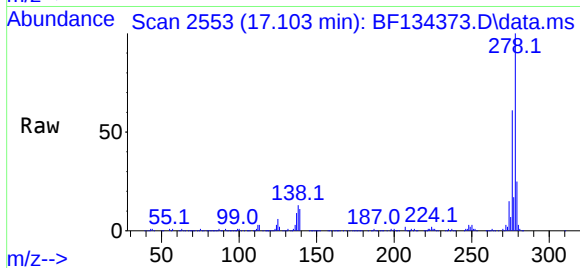
TP5MSD

Tgt Ion:278 Resp: 30929
Ion Ratio Lower Upper
278 100
139 11.4 12.2 18.4
279 24.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#92
Benzo(g,h,i)perylene
Concen: 31.285 ng
RT: 17.556 min Scan# 2630
Delta R.T. -0.012 min
Lab File: BF134373.D
Acq: 19 Jul 2023 23:04

Tgt Ion:276 Resp: 247720
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 15.7 16.2 24.2#

