

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134847.D
 Acq On : 18 Aug 2023 18:45
 Operator : CG\JU
 Sample : 04020-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2MS

Quant Time: Aug 19 01:44:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	135220	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	533782	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	248648	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	350433	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	254188	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	183502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1009368	113.470	ng	0.02
7) Phenol-d6	6.440	99	1186735	104.364	ng	0.00
23) Nitrobenzene-d5	7.357	82	882261	103.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	314645	124.134	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1496415	100.064	ng	-0.01
79) Terphenyl-d14	12.910	244	1207045	83.712	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	155322	37.950	ng	# 79
3) Pyridine	3.457	79	368478	33.225	ng	89
4) n-Nitrosodimethylamine	3.399	42	209829	39.597	ng	# 60
6) Aniline	6.463	93	163167	10.940	ng	92
8) 2-Chlorophenol	6.581	128	443585	49.434	ng	96
9) Benzaldehyde	6.351	77	149568	23.474	ng	95
10) Phenol	6.451	94	442843	39.519	ng	82
11) bis(2-Chloroethyl)ether	6.540	93	421545	47.355	ng	90
12) 1,3-Dichlorobenzene	6.740	146	461412m	49.699	ng	
13) 1,4-Dichlorobenzene	6.816	146	464730	49.946	ng	96
14) 1,2-Dichlorobenzene	6.963	146	444697	51.294	ng	96
15) Benzyl Alcohol	6.940	79	376495	47.994	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	622322	44.623	ng	92
17) 2-Methylphenol	7.051	107	342354	43.175	ng	95
18) Hexachloroethane	7.304	117	163501	50.066	ng	93
19) n-Nitroso-di-n-propyla...	7.210	70	293357	43.089	ng	91
20) 3+4-Methylphenols	7.204	107	393237	41.121	ng	95
22) Acetophenone	7.204	105	557147	45.213	ng	# 90
24) Nitrobenzene	7.375	77	454393	49.242	ng	97
25) Isophorone	7.616	82	823990	44.229	ng	100
26) 2-Nitrophenol	7.692	139	231003	57.748	ng	# 88
27) 2,4-Dimethylphenol	7.728	122	352582	42.416	ng	87
28) bis(2-Chloroethoxy)met...	7.828	93	513423	46.070	ng	99
29) 2,4-Dichlorophenol	7.934	162	362696	48.074	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	400697	49.805	ng	98
31) Naphthalene	8.092	128	1230754	45.878	ng	98
32) Benzoic acid	7.845	122	197890	38.381	ng	92
33) 4-Chloroaniline	8.140	127	61911	5.179	ng	98
34) Hexachlorobutadiene	8.210	225	231939	49.980	ng	96
35) Caprolactam	8.516	113	96116m	39.488	ng	
36) 4-Chloro-3-methylphenol	8.634	107	371703	46.521	ng	93
37) 2-Methylnaphthalene	8.787	142	777108	43.702	ng	100
38) 1-Methylnaphthalene	8.887	142	741852	44.865	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	380347	52.603	ng	99
41) Hexachlorocyclopentadiene	8.934	237	125676	35.743	ng	93
43) 2,4,6-Trichlorophenol	9.069	196	247753	52.356	ng	96

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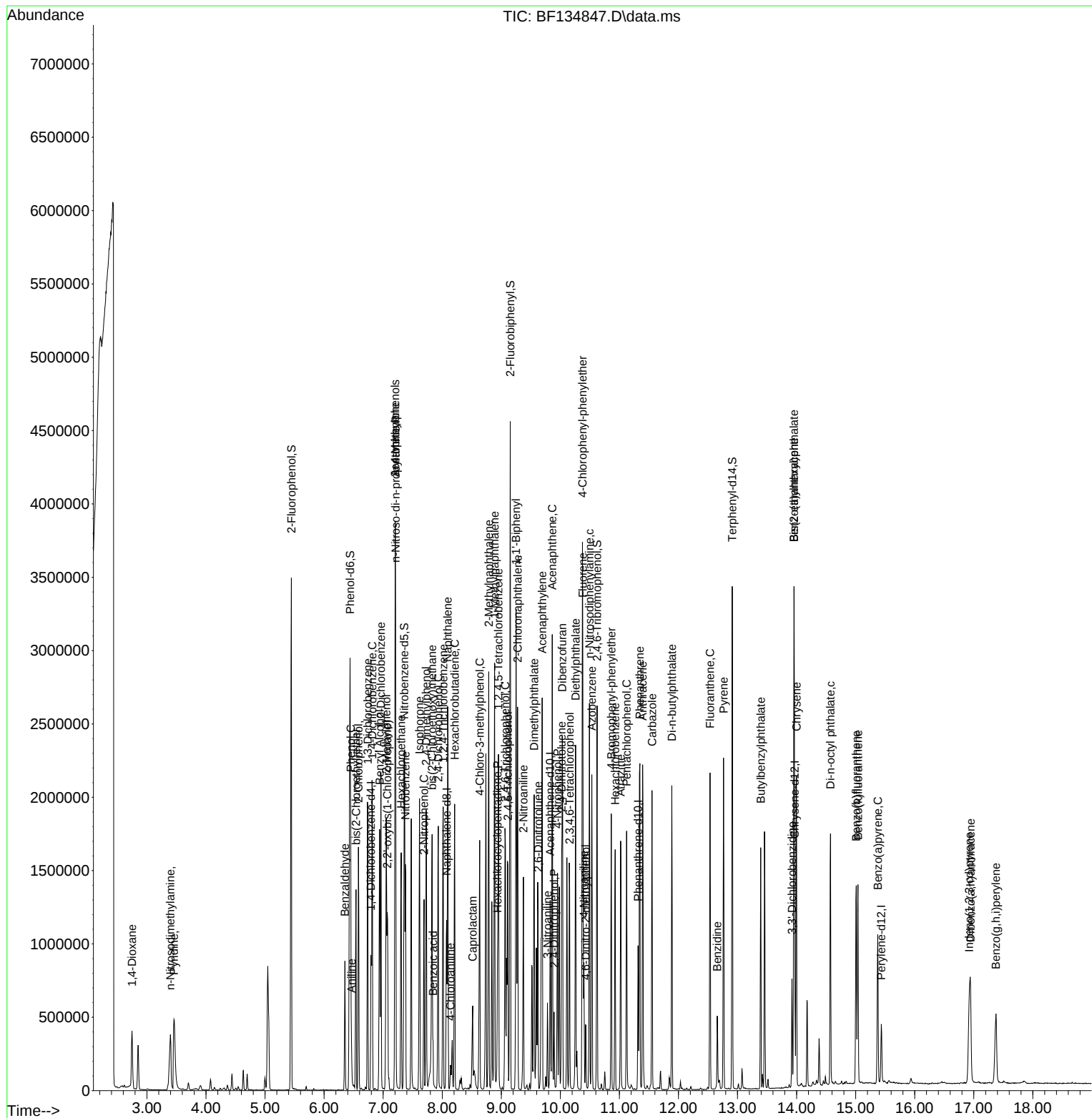
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	257407	47.595	ng	91
46) 1,1'-Biphenyl	9.251	154	981464	50.759	ng	98
47) 2-Chloronaphthalene	9.275	162	732294	50.544	ng	99
48) 2-Nitroaniline	9.375	65	223504	49.384	ng	88
49) Acenaphthylene	9.692	152	1103478	48.454	ng	99
50) Dimethylphthalate	9.557	163	896405	52.894	ng	99
51) 2,6-Dinitrotoluene	9.622	165	192196	54.969	ng	# 72
52) Acenaphthene	9.863	154	656807	44.504	ng	98
53) 3-Nitroaniline	9.781	138	85675	22.681	ng	91
54) 2,4-Dinitrophenol	9.892	184	58852	51.381	ng	91
55) Dibenzofuran	10.034	168	952068	45.316	ng	97
56) 4-Nitrophenol	9.951	139	220150	71.260	ng	# 78
57) 2,4-Dinitrotoluene	10.022	165	218669	51.893	ng	# 89
58) Fluorene	10.381	166	678004	44.305	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	196603	45.949	ng	97
60) Diethylphthalate	10.257	149	787968	49.053	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	354264	47.098	ng	93
62) 4-Nitroaniline	10.398	138	147826	39.927	ng	86
63) Azobenzene	10.533	77	717173	41.554	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	51660	38.562	ng	93
66) n-Nitrosodiphenylamine	10.492	169	636654	57.078	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	221143	57.647	ng	95
68) Hexachlorobenzene	10.928	284	220279	54.378	ng	95
69) Atrazine	11.022	200	202159	67.243	ng	96
70) Pentachlorophenol	11.122	266	188603	75.195	ng	96
71) Phenanthrene	11.345	178	874065	46.958	ng	99
72) Anthracene	11.392	178	892366	46.935	ng	99
73) Carbazole	11.551	167	752245	44.312	ng	99
74) Di-n-butylphthalate	11.886	149	963135	53.403	ng	99
75) Fluoranthene	12.533	202	846243	43.040	ng	96
77) Benzidine	12.657	184	181259	32.849	ng	99
78) Pyrene	12.763	202	890676	40.494	ng	98
80) Butylbenzylphthalate	13.392	149	339884	45.698	ng	# 97
81) Benzo(a)anthracene	13.957	228	802589	44.157	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	144457	27.419	ng	# 98
83) Chrysene	13.998	228	780555	44.080	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	415601	47.483	ng	99
85) Di-n-octyl phthalate	14.574	149	813092	61.089	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	496408	45.997	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	641436	57.314	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	591754m	53.078	ng	
90) Benzo(a)pyrene	15.374	252	486904	46.661	ng	# 98
91) Dibenzo(a,h)anthracene	16.945	278	408757	46.866	ng	# 96
92) Benzo(g,h,i)perylene	17.374	276	401248	45.100	ng	# 93

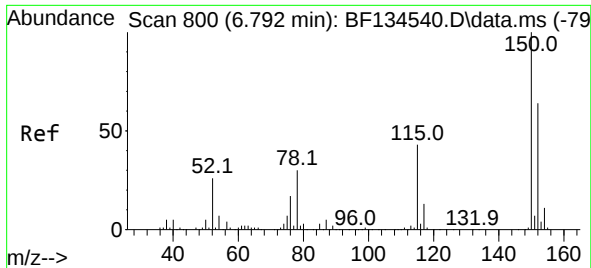
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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Supervised By :mohammad ahmed 08/21/2023

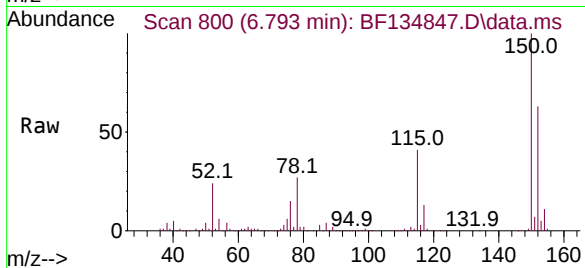
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45

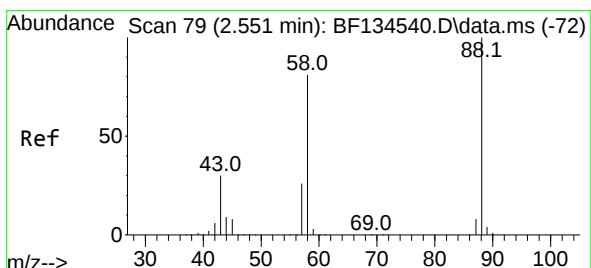
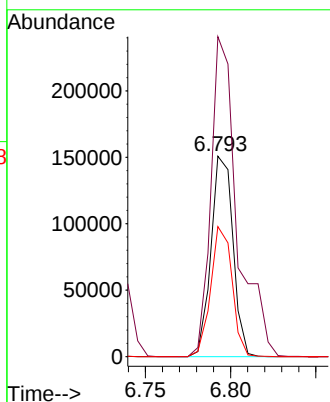
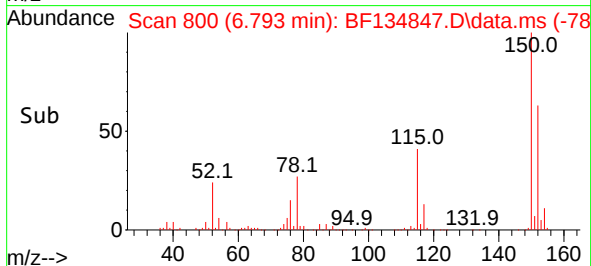
Instrument :
 BNA_F
 Client SampleId :
 E-2MS



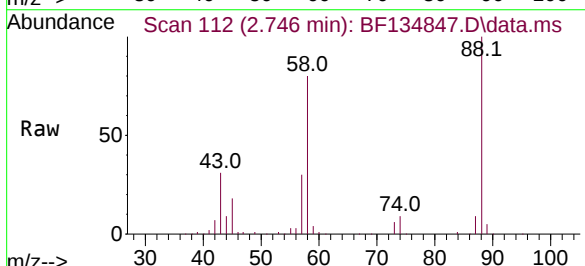
Tgt Ion: 152 Resp: 135220
 Ion Ratio Lower Upper
 152 100
 150 159.6 128.3 192.5
 115 64.9 52.4 78.6

Manual Integrations
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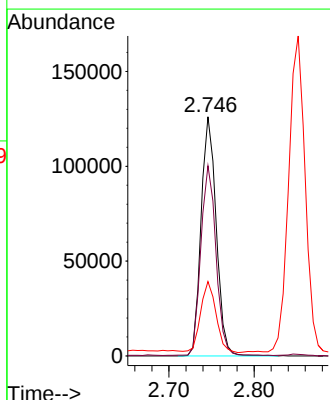
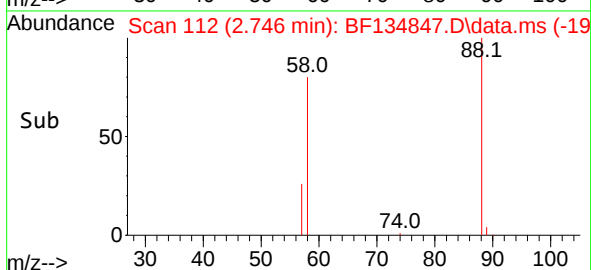
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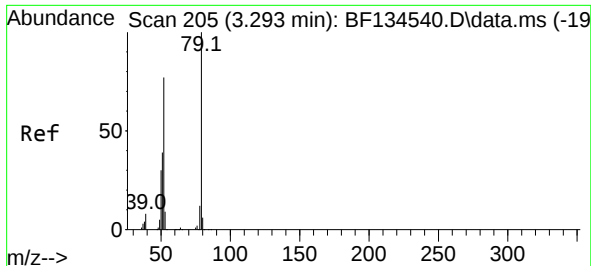


#2
 1,4-Dioxane
 Concen: 37.950 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.194 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45



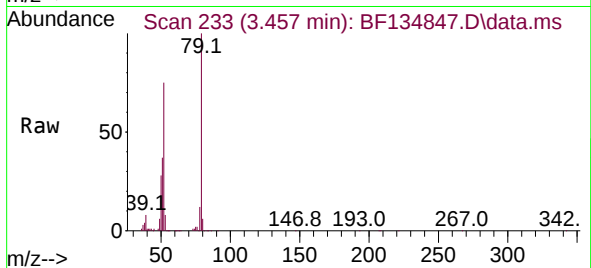
Tgt Ion: 88 Resp: 155322
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.1 97.7
 43 0.0 30.3 45.5





#3
Pyridine
Concen: 33.225 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.153 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

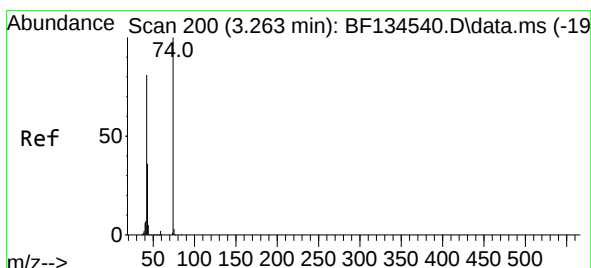
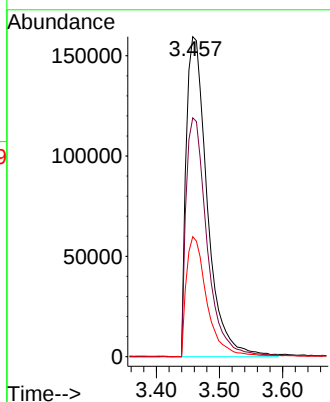
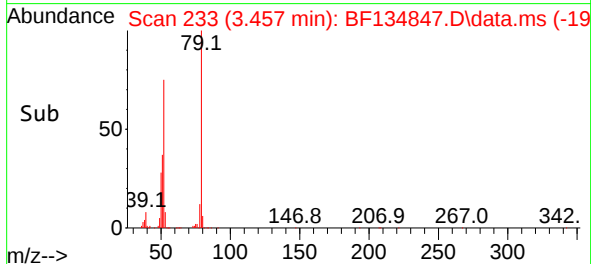
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BNA_F
ClientSampleId :
E-2MS



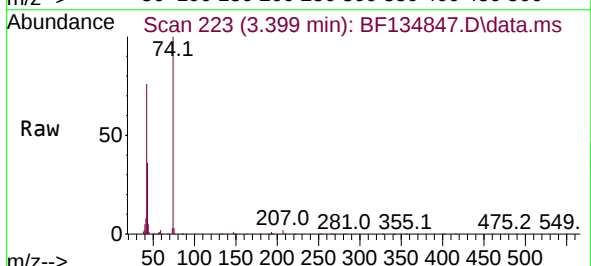
Tgt Ion: 79 Resp: 368478
Ion Ratio Lower Upper
79 100
52 74.6 66.6 100.0
51 37.5 36.5 54.7

Manual Integrations
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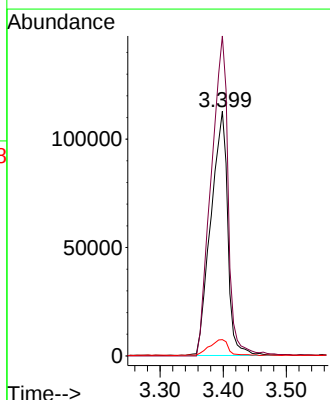
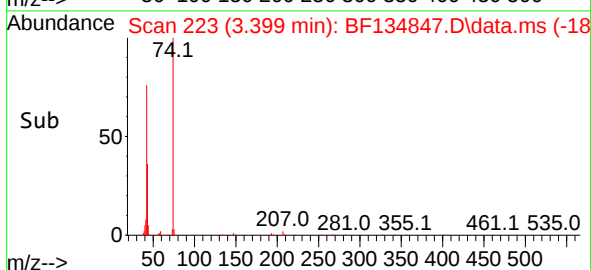
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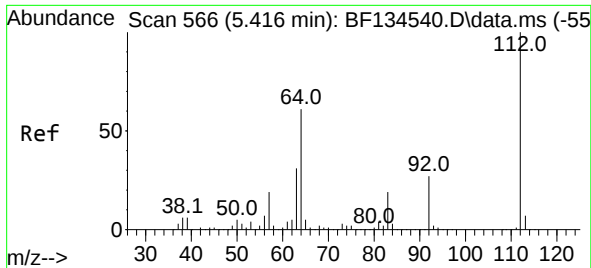


#4
n-Nitrosodimethylamine
Concen: 39.597 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.118 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



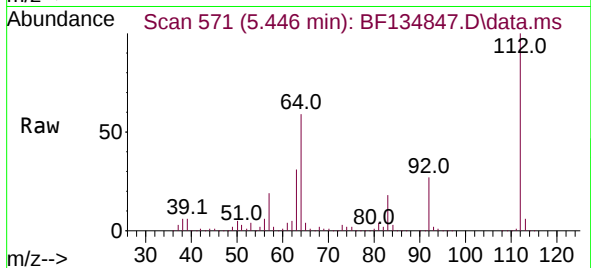
Tgt Ion: 42 Resp: 209829
Ion Ratio Lower Upper
42 100
74 130.8 72.2 108.4
44 6.7 5.4 8.0





#5
2-Fluorophenol
Concen: 113.470 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

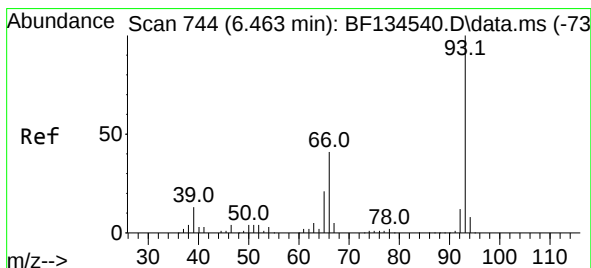
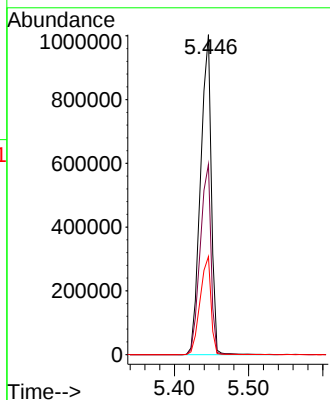
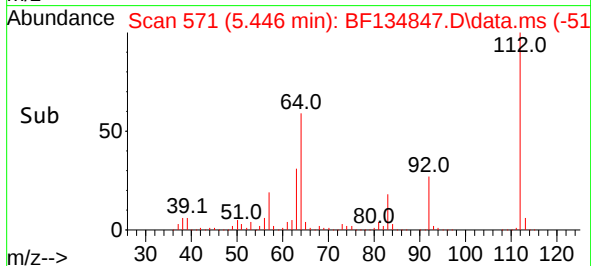
Instrument :
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Tgt Ion:112 Resp: 1009368
Ion Ratio Lower Upper
112 100
64 59.4 44.9 67.3
63 30.6 25.4 38.0

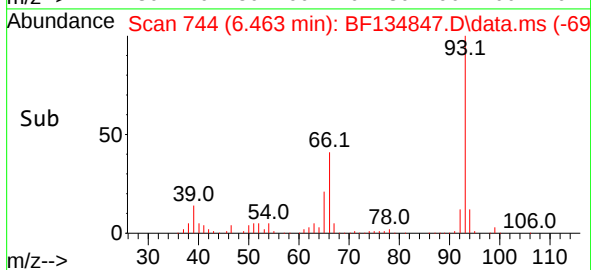
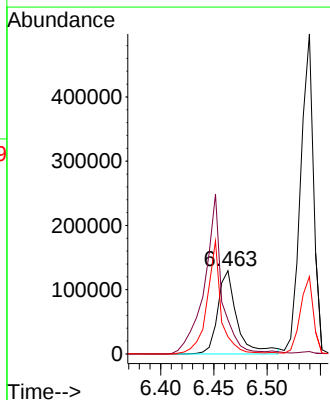
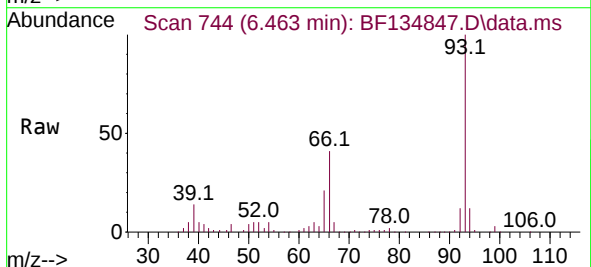
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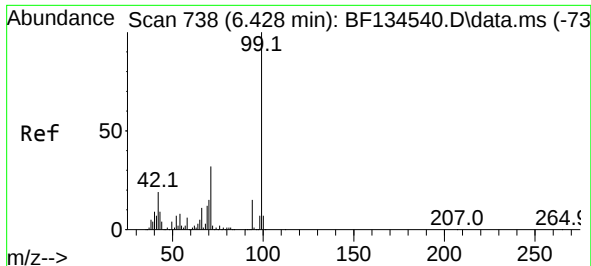
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#6
Aniline
Concen: 10.940 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion: 93 Resp: 163167
Ion Ratio Lower Upper
93 100
66 40.8 36.8 55.2
65 20.5 19.4 29.0





#7

Phenol-d6

Concen: 104.364 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

Tgt Ion: 99 Resp: 1186735

Ion Ratio Lower Upper

99 100

42 18.8 18.7 28.1

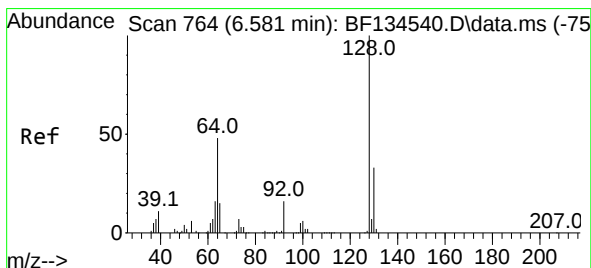
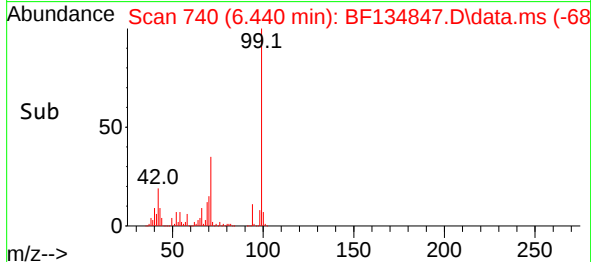
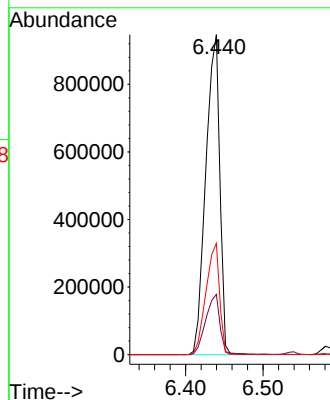
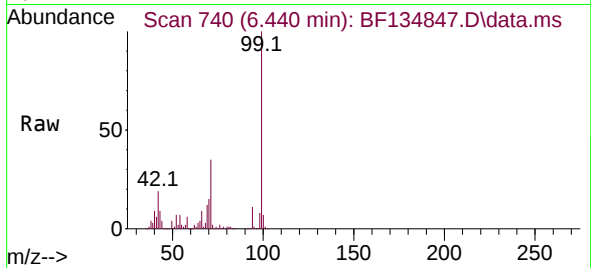
71 34.8 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#8

2-Chlorophenol

Concen: 49.434 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

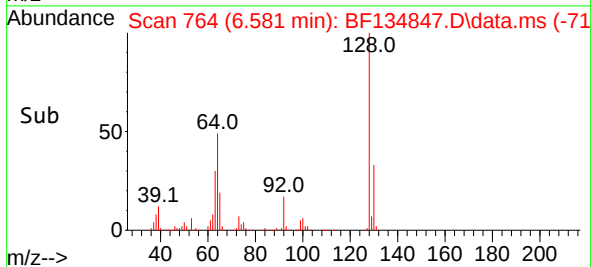
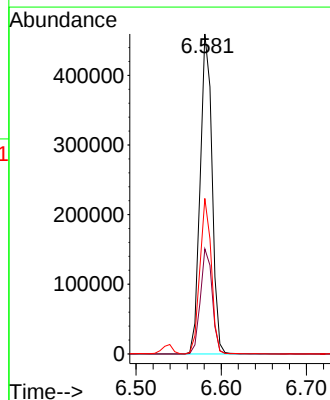
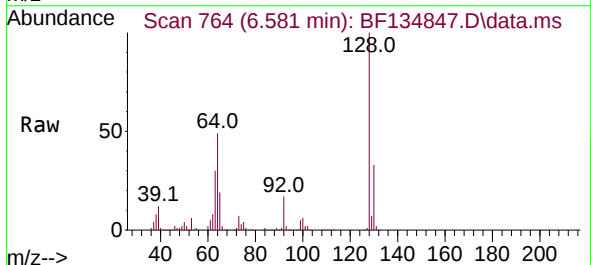
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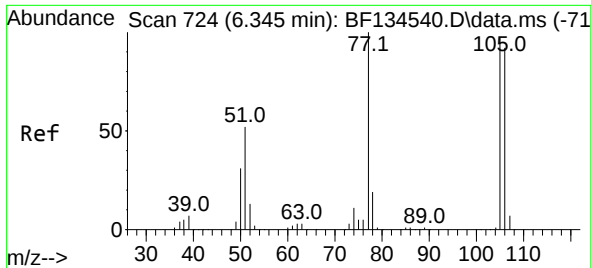
Ion Ratio Lower Upper

128 100

130 32.8 11.1 51.1

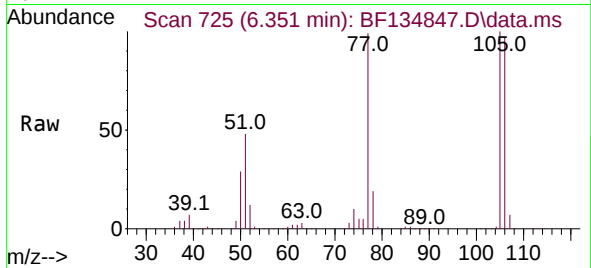
64 48.6 31.9 71.9





#9
Benzaldehyde
Concen: 23.474 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134847.D
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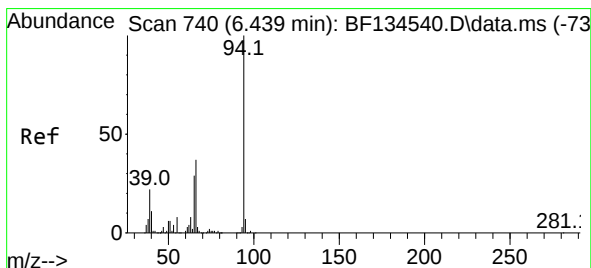
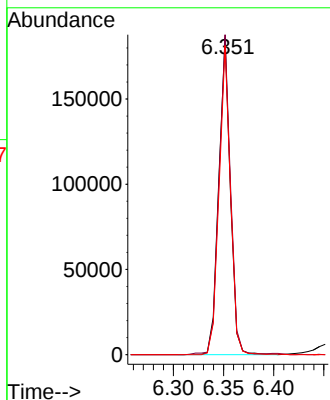
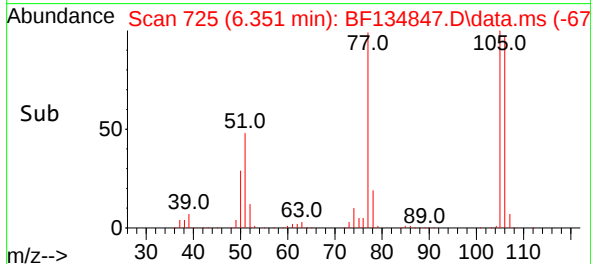
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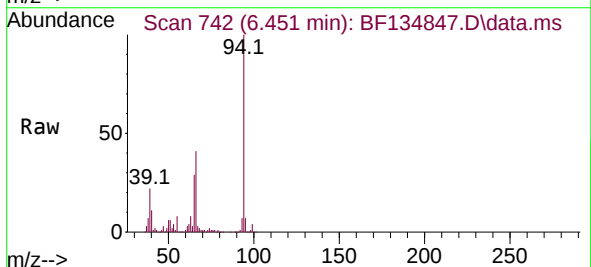
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Ion Ratio Lower Upper
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106 97.5 71.4 111.4

Manual Integrations
APPROVED

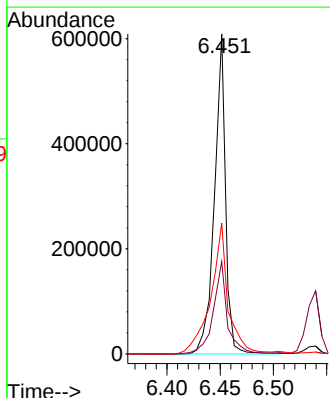
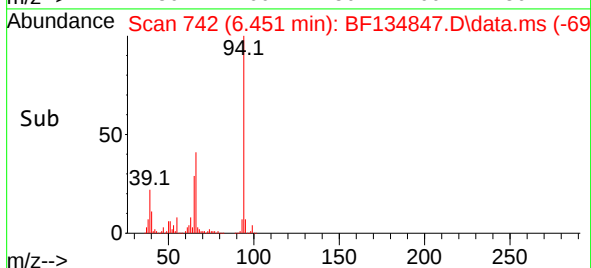
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

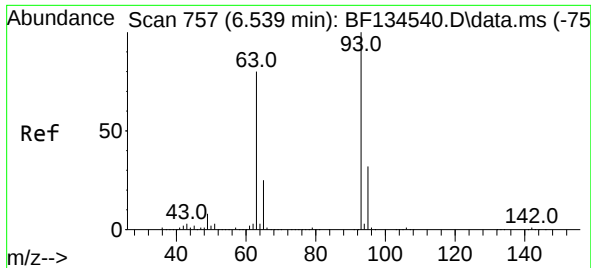


#10
Phenol
Concen: 39.519 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion: 94 Resp: 442843
Ion Ratio Lower Upper
94 100
65 28.9 17.8 57.8
66 40.9 35.2 75.2





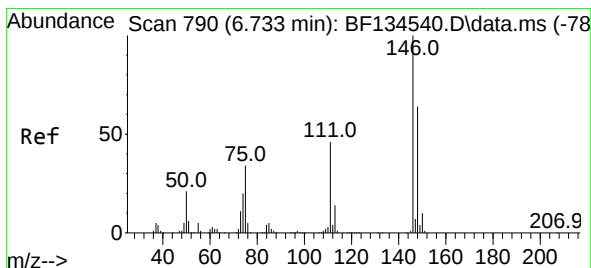
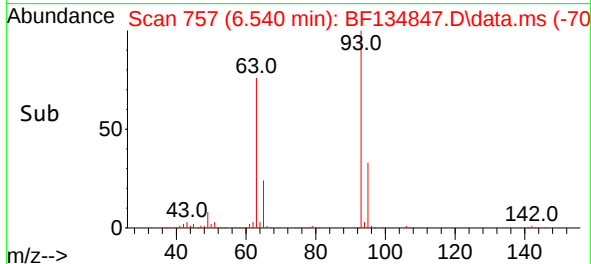
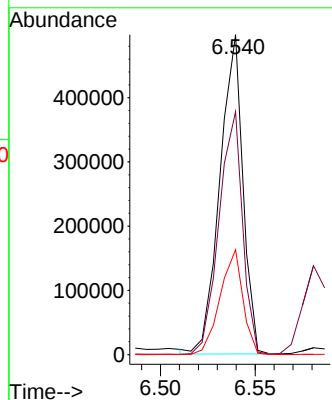
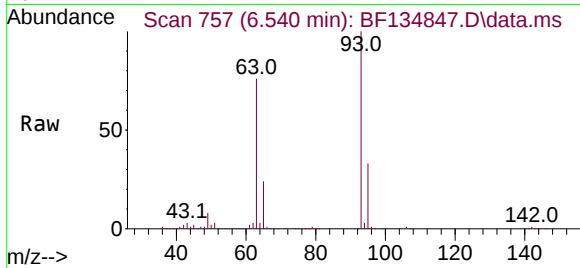
#11
bis(2-Chloroethyl)ether
Concen: 47.355 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :
BNA_F
ClientSampleId :
E-2MS

Tgt Ion: 93 Resp: 421545
Ion Ratio Lower Upper
93 100
63 75.9 68.4 108.4
95 32.8 12.4 52.4

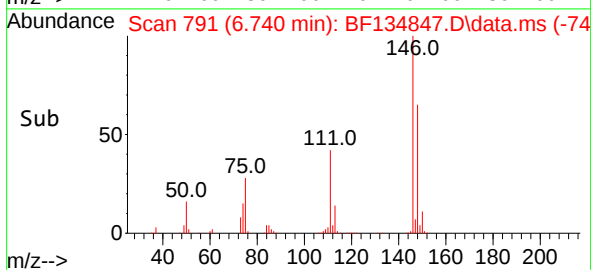
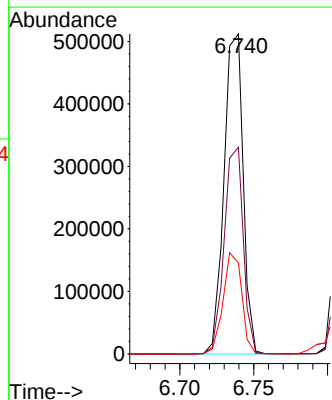
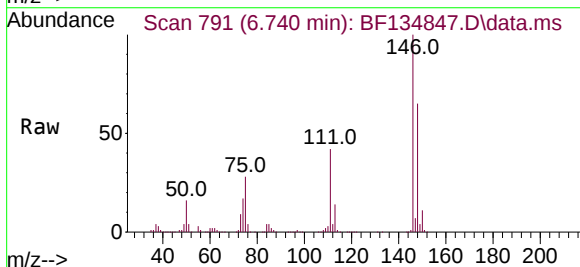
Manual Integrations
APPROVED

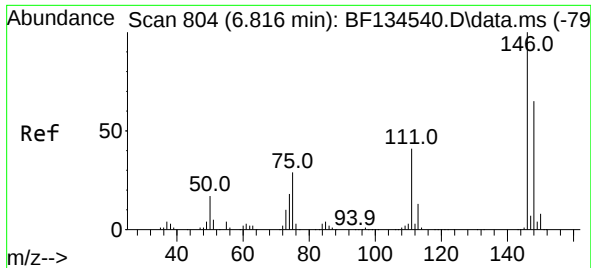
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
1,3-Dichlorobenzene
Concen: 49.699 ng m
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

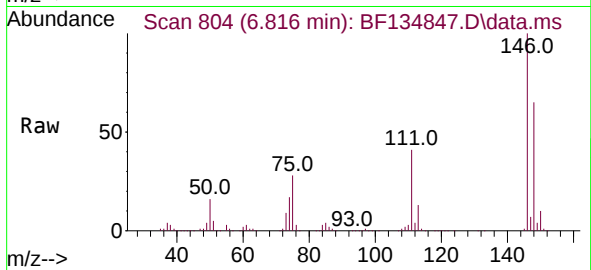
Tgt Ion:146 Resp: 461412
Ion Ratio Lower Upper
146 100
148 64.6 49.7 74.5
75 28.4 29.5 44.3#





#13
1,4-Dichlorobenzene
Concen: 49.946 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

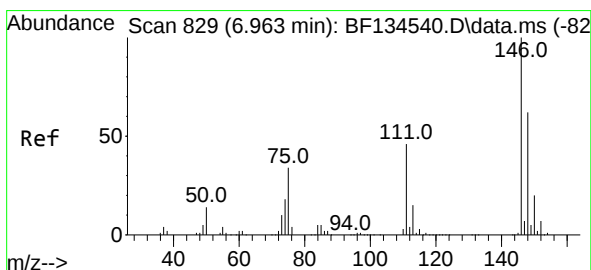
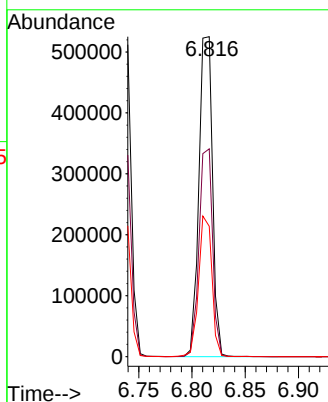
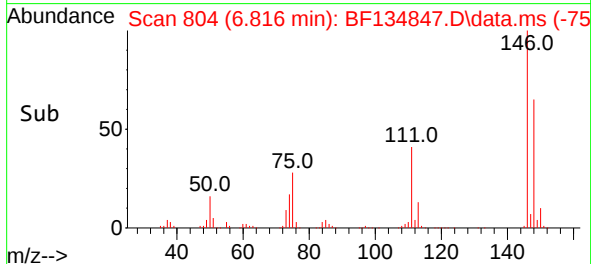
Instrument :
BNA_F
Client Sample Id :
E-2MS



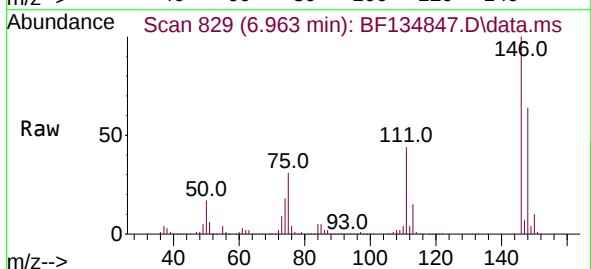
Tgt Ion:146 Resp: 464730
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 40.7 36.6 55.0

Manual Integrations
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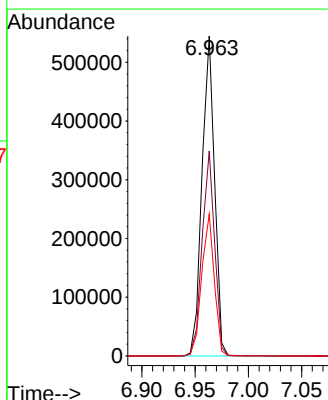
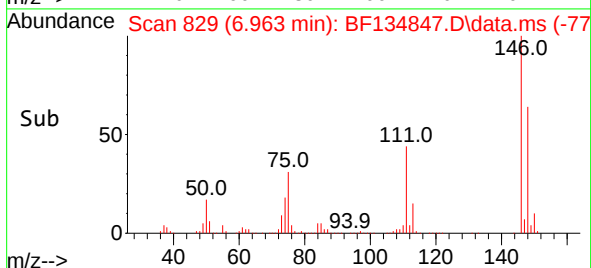
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

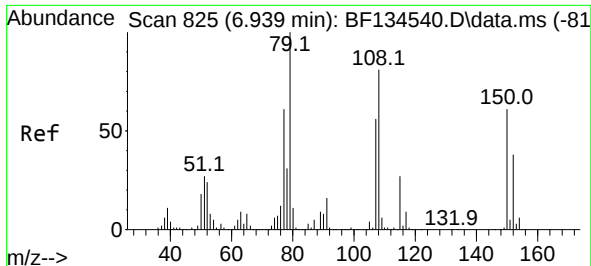


#14
1,2-Dichlorobenzene
Concen: 51.294 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



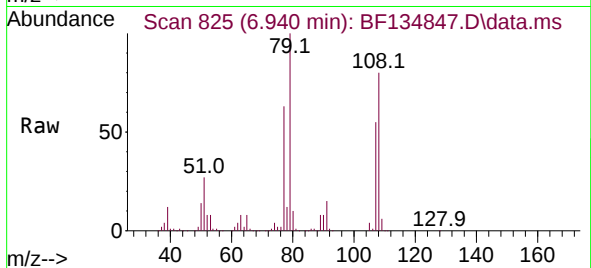
Tgt Ion:146 Resp: 444697
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 44.3 39.9 59.9





#15
Benzyl Alcohol
Concen: 47.994 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

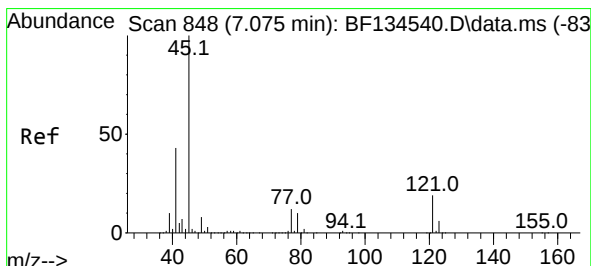
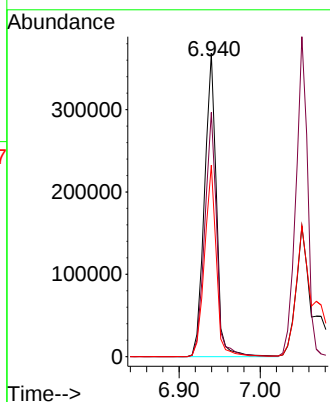
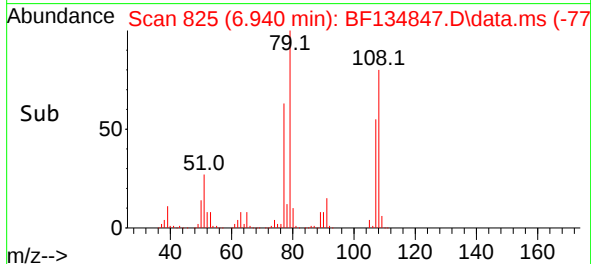
Instrument :
BNA_F
ClientSampleId :
E-2MS



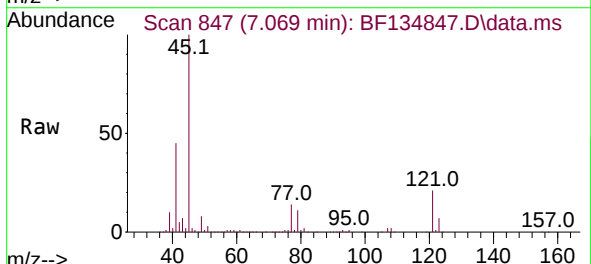
Tgt Ion: 79 Resp: 376495
Ion Ratio Lower Upper
79 100
108 80.5 56.3 84.5
77 63.1 50.6 76.0

Manual Integrations
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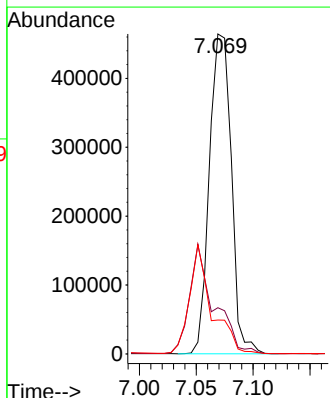
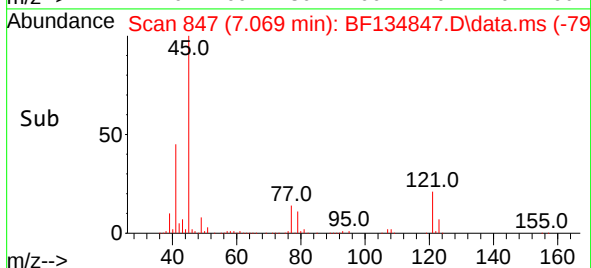
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

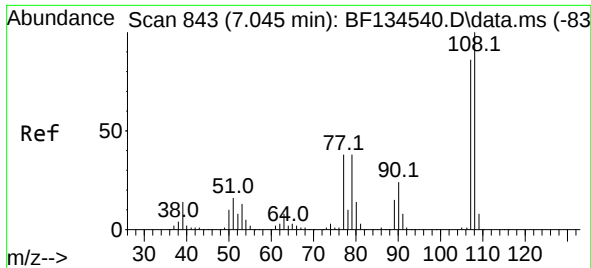


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.623 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion: 45 Resp: 622322
Ion Ratio Lower Upper
45 100
77 14.4 0.0 37.8
79 10.6 0.0 34.5





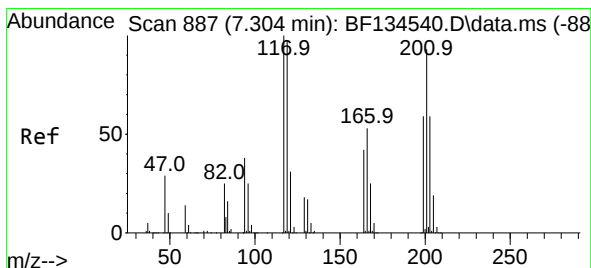
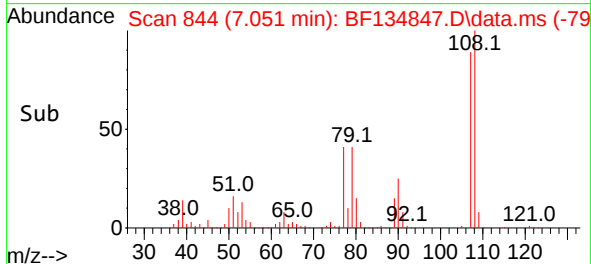
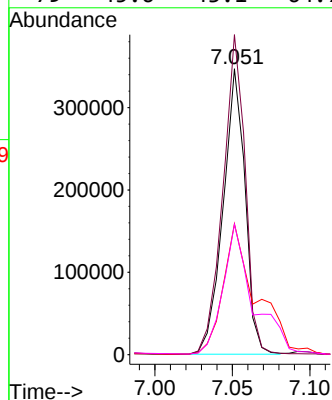
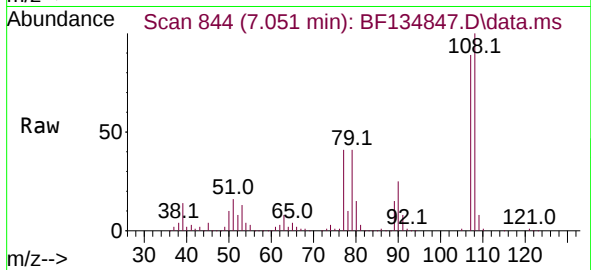
#17
2-Methylphenol
Concen: 43.175 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :
BNA_F
ClientSampleId :
E-2MS

Tgt Ion:	107	Resp:	342354
Ion Ratio	Lower	Upper	
107	100		
108	112.0	89.4	134.2
77	45.8	42.4	63.6
79	45.6	43.1	64.7

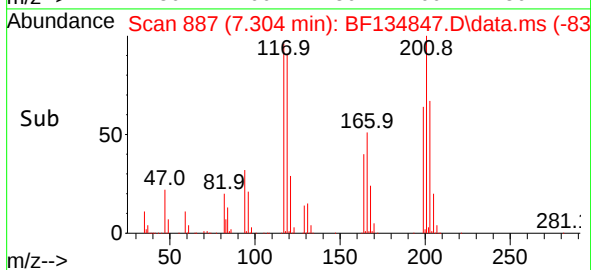
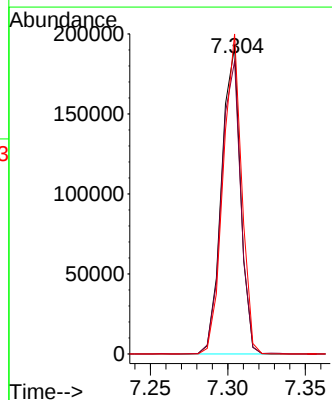
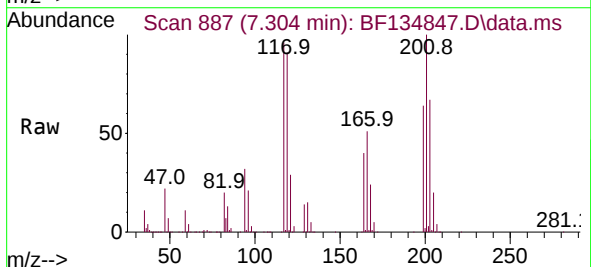
Manual Integrations
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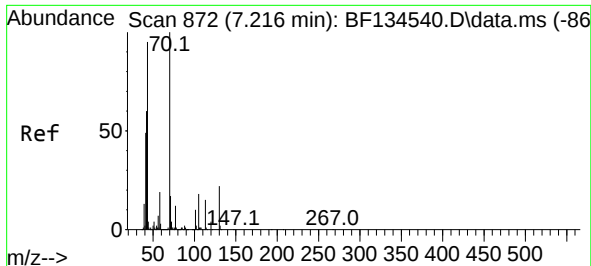
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#18
Hexachloroethane
Concen: 50.066 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:	117	Resp:	163501
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.8	113.8
201	104.2	73.6	110.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.089 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

Tgt Ion: 70 Resp: 29335

Ion Ratio Lower Upper

70 100

42 59.5 54.7 82.1

101 9.9 8.2 12.2

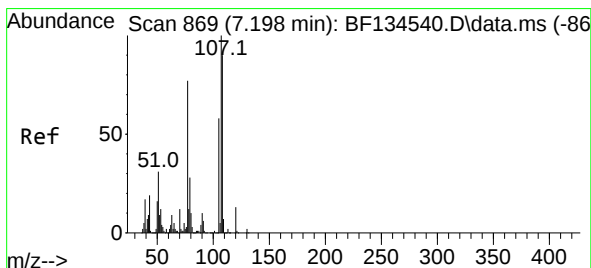
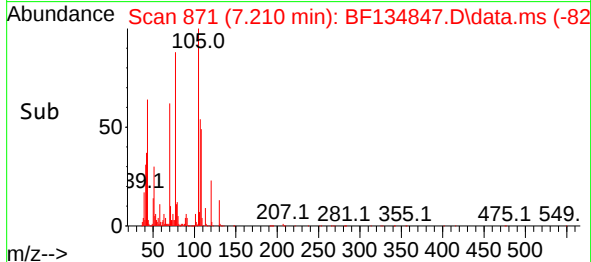
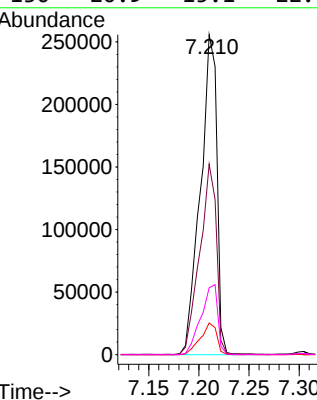
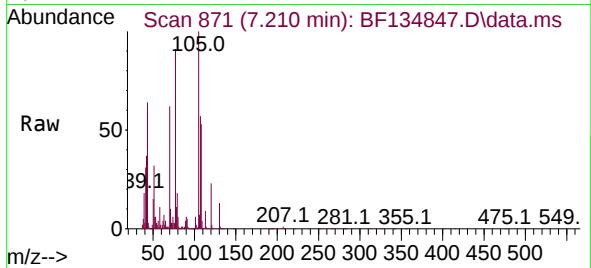
130 20.9 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#20

3+4-Methylphenols

Concen: 41.121 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Tgt Ion:107 Resp: 393237

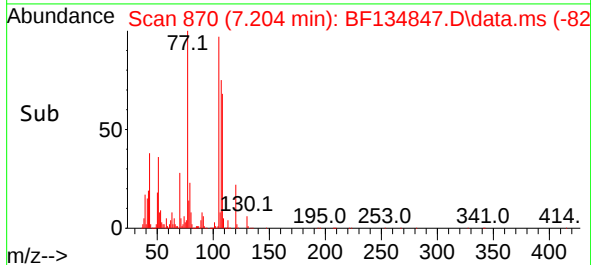
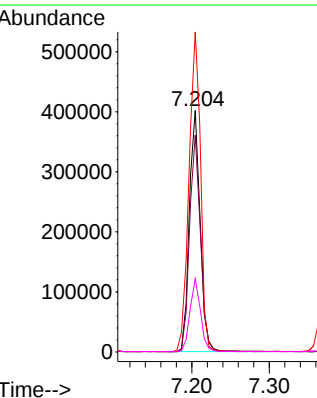
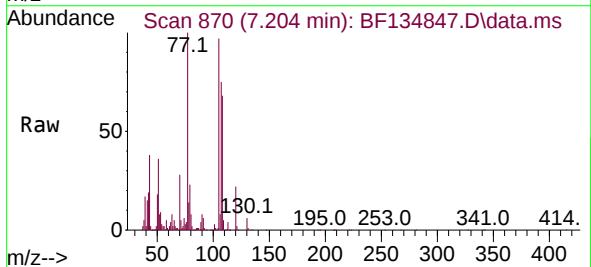
Ion Ratio Lower Upper

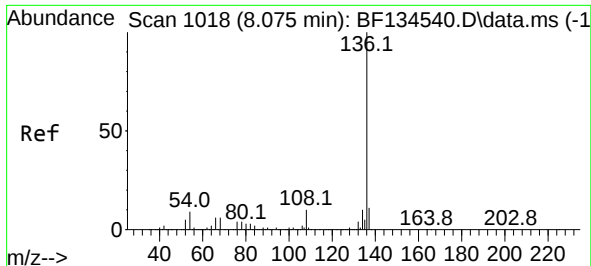
107 100

108 89.8 68.1 108.1

77 132.6 122.1 162.1

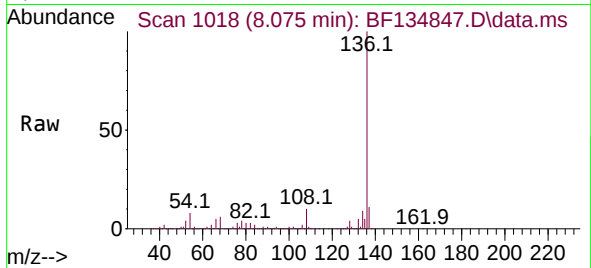
79 30.3 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

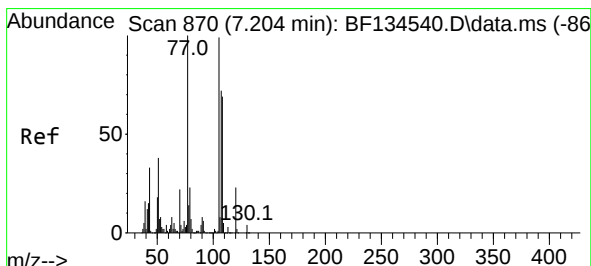
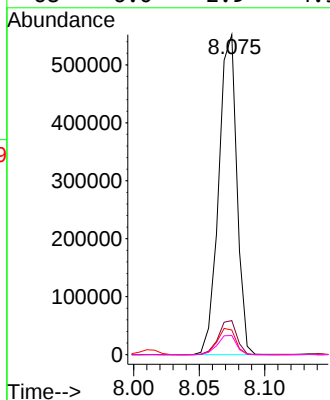
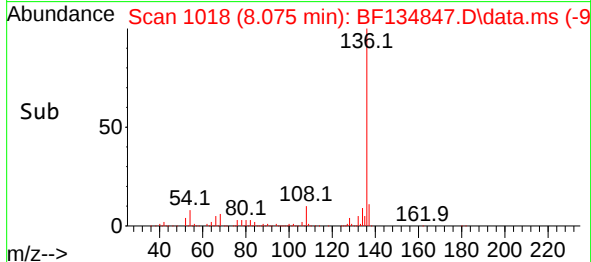
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:136 Resp: 533782
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.7 5.2 7.8
68 6.0 2.9 4.3#

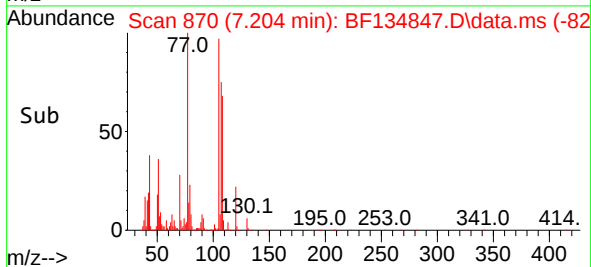
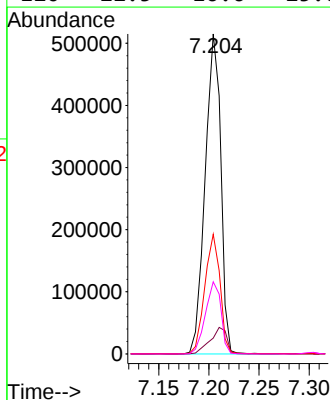
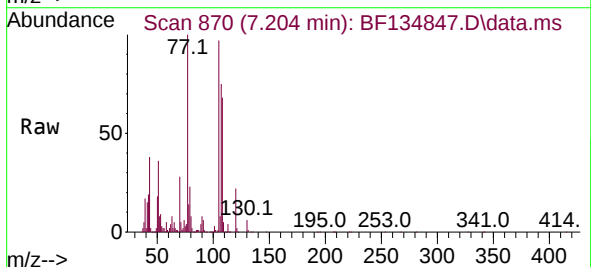
Manual Integrations
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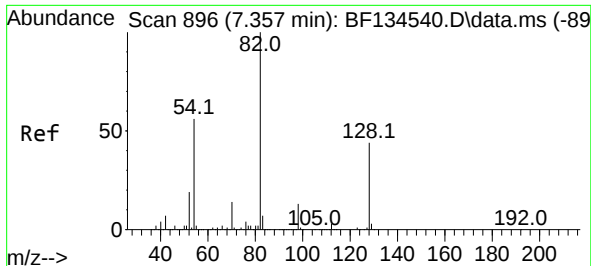
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Acetophenone
Concen: 45.213 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:105 Resp: 557147
Ion Ratio Lower Upper
105 100
71 4.9 7.4 11.0#
51 37.4 36.4 54.6
120 22.5 16.6 25.0





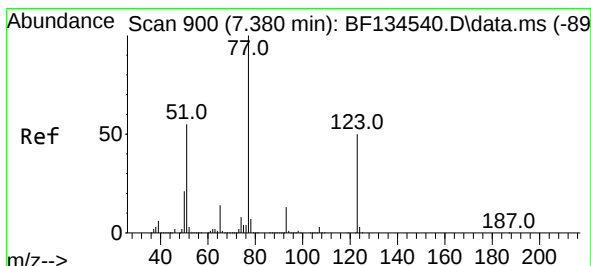
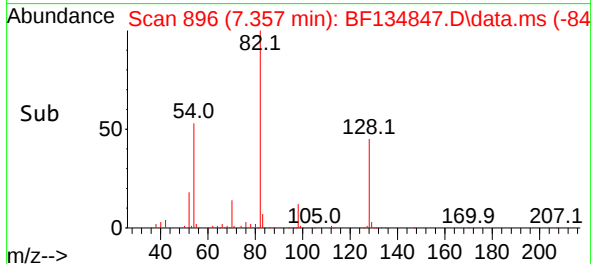
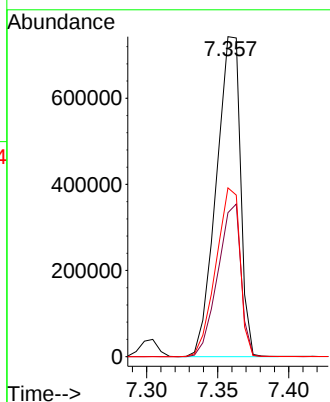
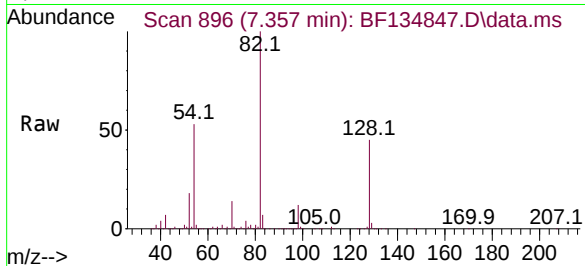
#23
Nitrobenzene-d5
Concen: 103.291 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :
BNA_F
ClientSampleId :
E-2MS

Tgt Ion: 82 Resp: 882263
Ion Ratio Lower Upper
82 100
128 45.0 34.3 51.5
54 52.7 43.8 65.6

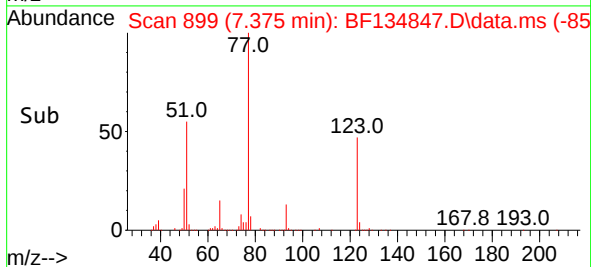
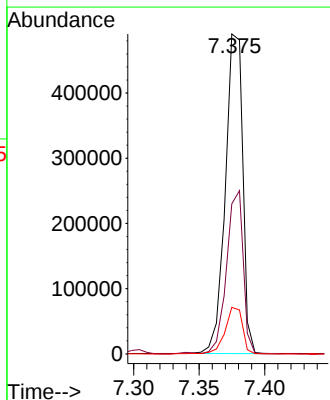
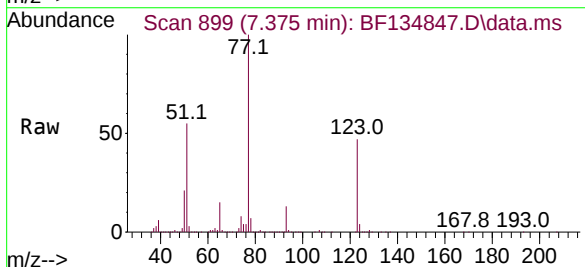
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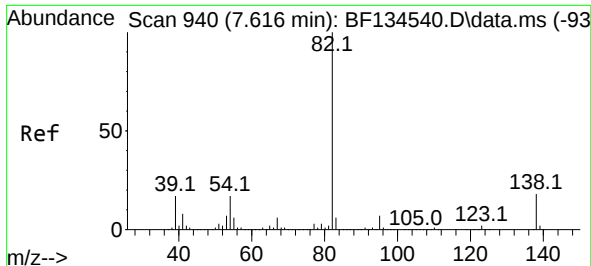
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Nitrobenzene
Concen: 49.242 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

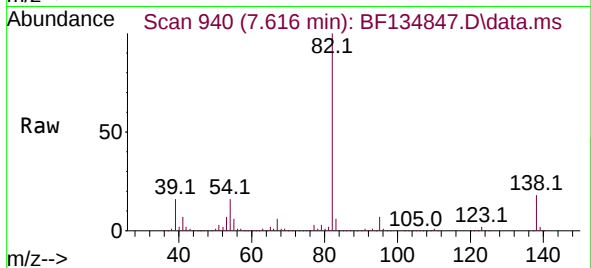
Tgt Ion: 77 Resp: 454393
Ion Ratio Lower Upper
77 100
123 46.9 35.5 53.3
65 14.5 11.9 17.9





#25
Isophorone
Concen: 44.229 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

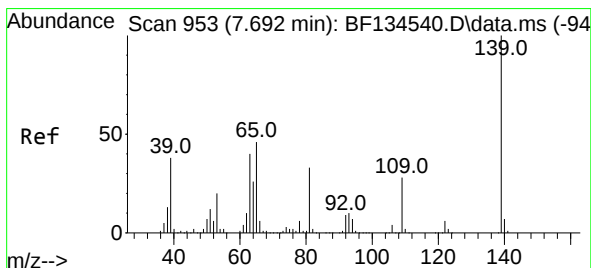
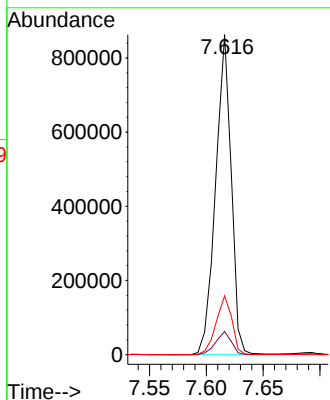
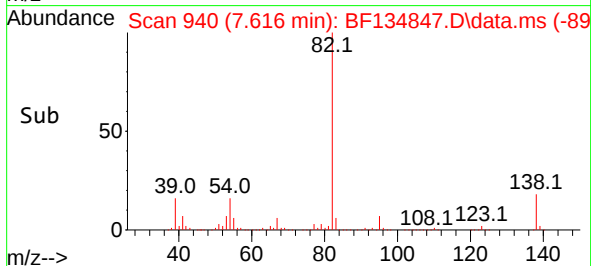
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion: 82 Resp: 823990
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.4 14.6 22.0

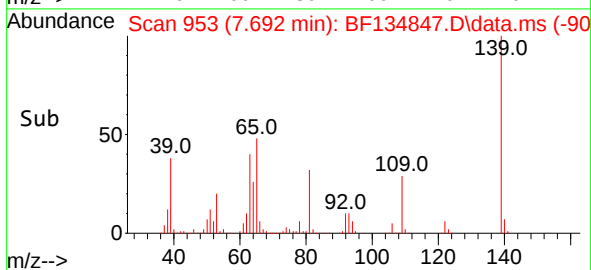
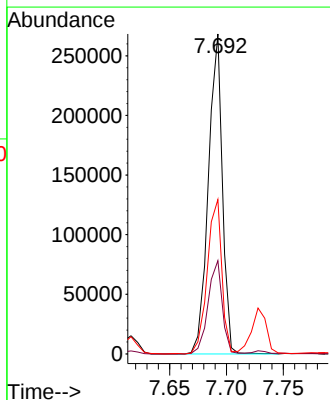
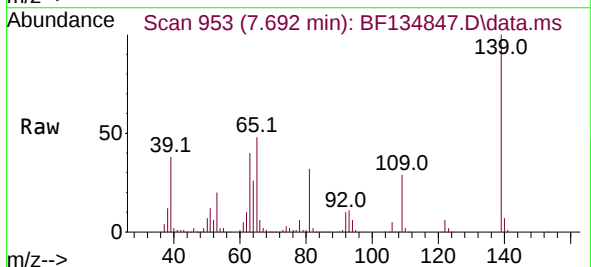
Manual Integrations
APPROVED

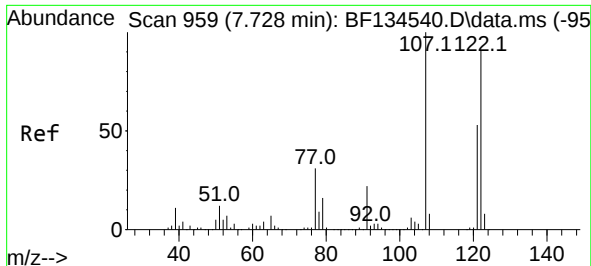
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#26
2-Nitrophenol
Concen: 57.748 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:139 Resp: 231003
Ion Ratio Lower Upper
139 100
109 29.1 29.8 44.6#
65 48.2 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 42.416 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134847.D

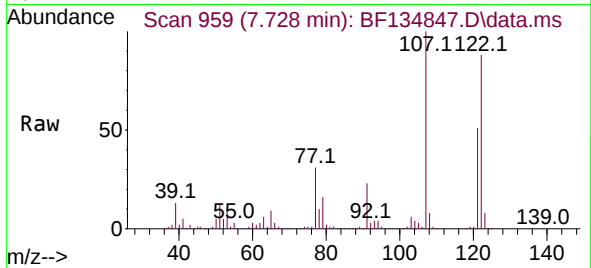
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS



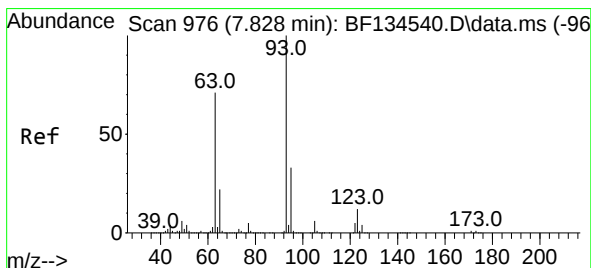
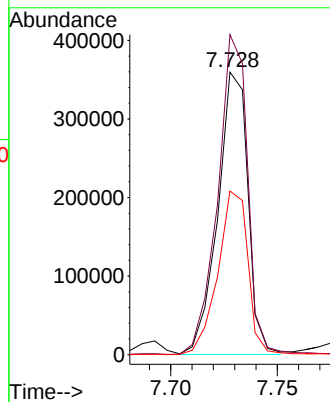
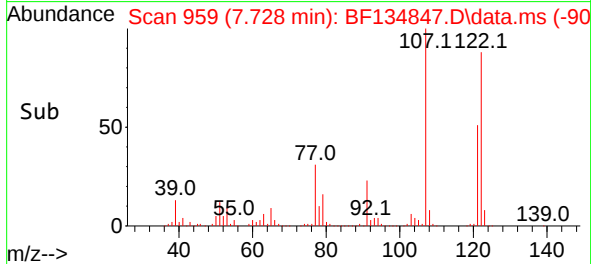
Tgt Ion:	122	Resp:	352582
Ion Ratio	Lower	Upper	
122	100		
107	113.3	106.7	160.1
121	57.9	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.070 ng

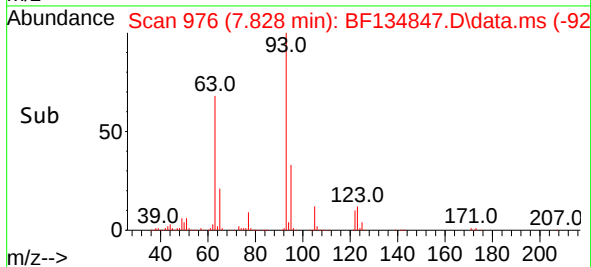
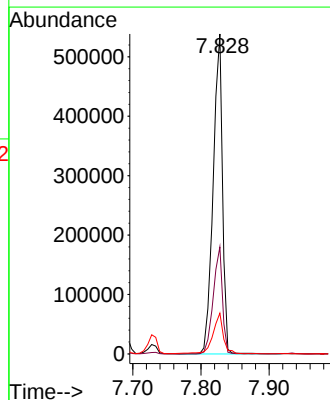
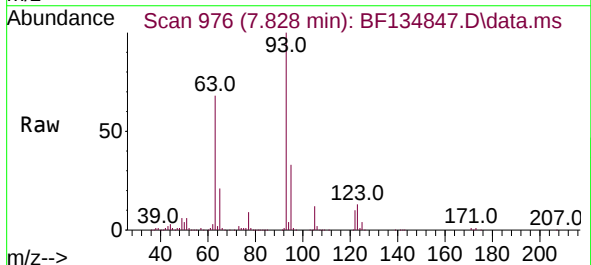
RT: 7.828 min Scan# 976

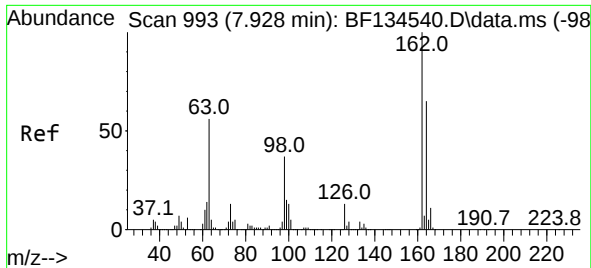
Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Tgt Ion:	93	Resp:	513423
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	12.7	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 48.074 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

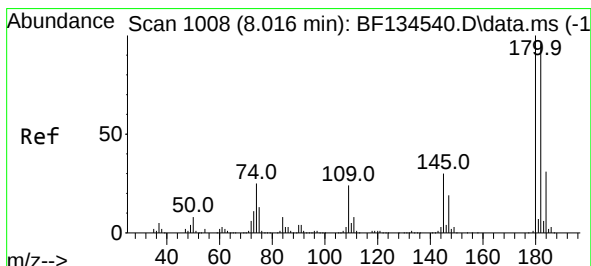
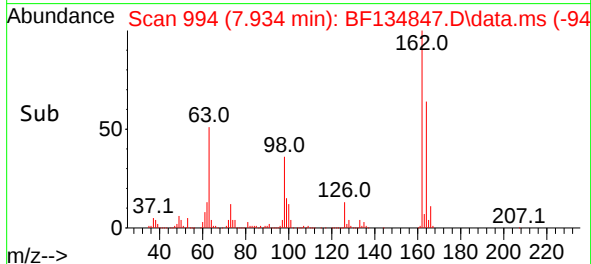
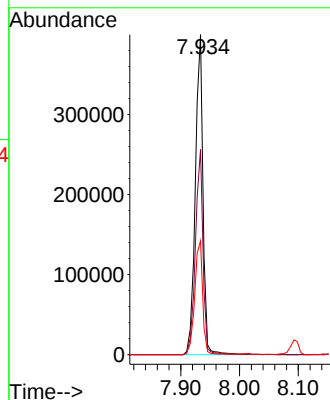
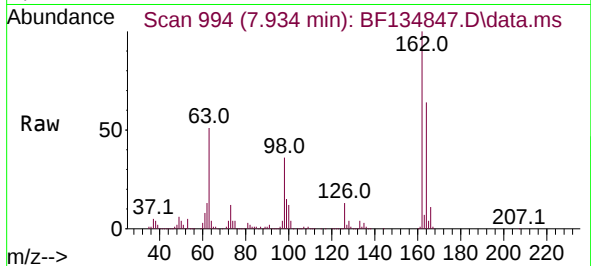
Tgt Ion:162 Resp: 362696
 Ion Ratio Lower Upper
 162 100
 164 64.1 42.2 82.2
 98 35.5 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.805 ng

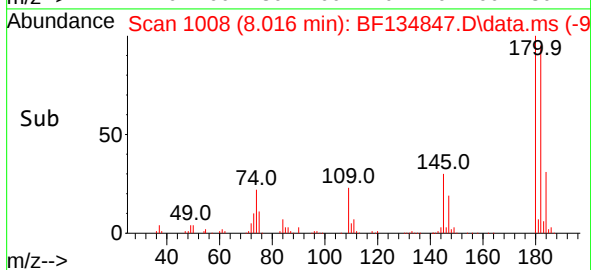
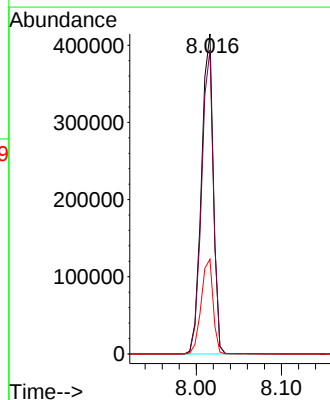
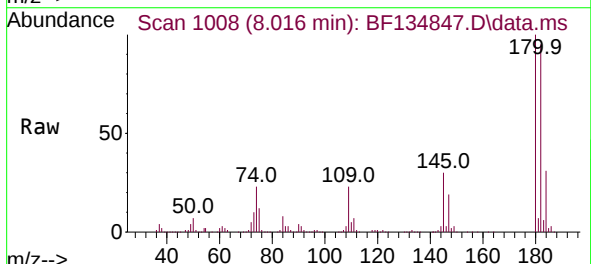
RT: 8.016 min Scan# 1008

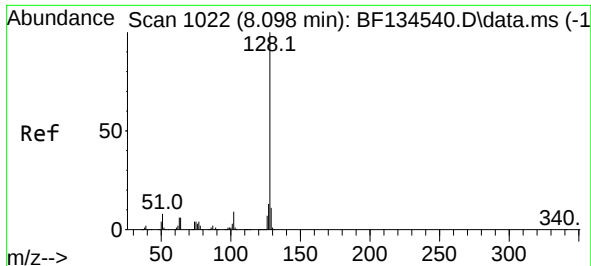
Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

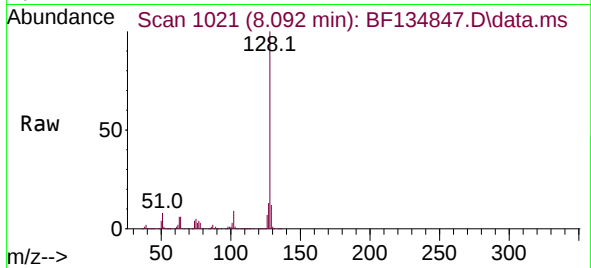
Tgt Ion:180 Resp: 400697
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.0 112.6
 145 29.6 25.5 38.3





#31
Naphthalene
Concen: 45.878 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

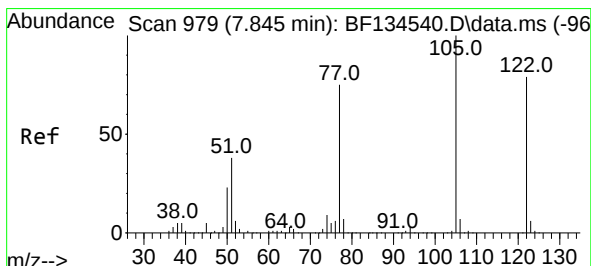
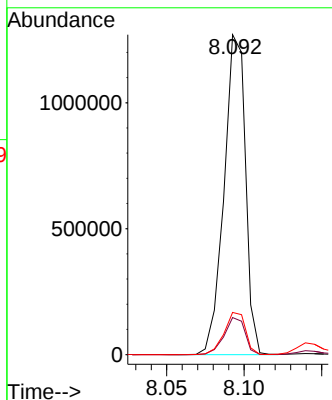
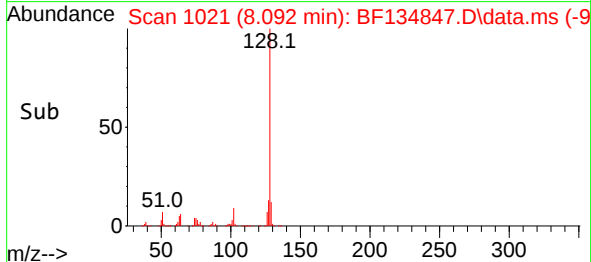
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:128 Resp: 1230754
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.2 10.7 16.1

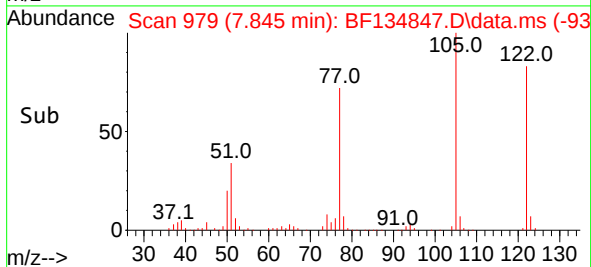
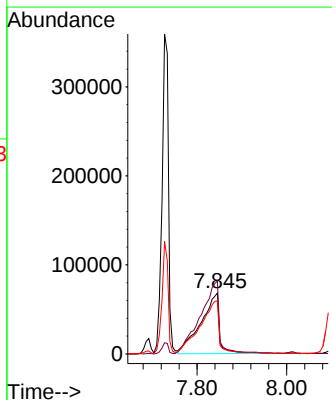
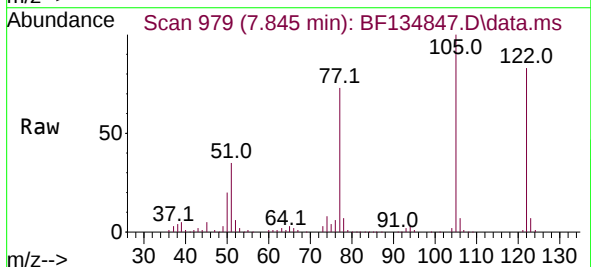
Manual Integrations
APPROVED

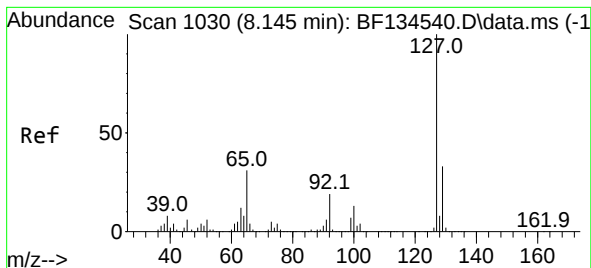
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#32
Benzoic acid
Concen: 38.381 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:122 Resp: 197890
Ion Ratio Lower Upper
122 100
105 119.8 87.5 127.5
77 87.2 71.4 111.4





#33

4-Chloroaniline

Concen: 5.179 ng

RT: 8.140 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

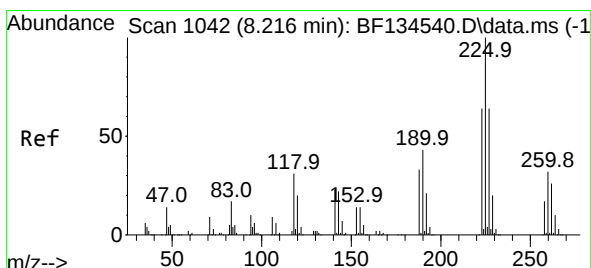
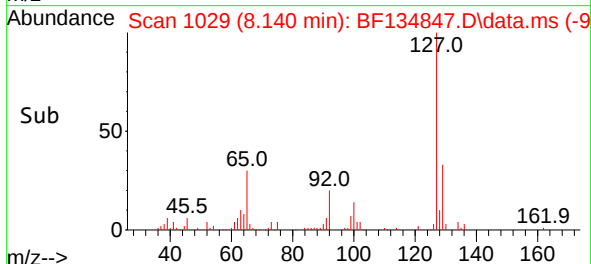
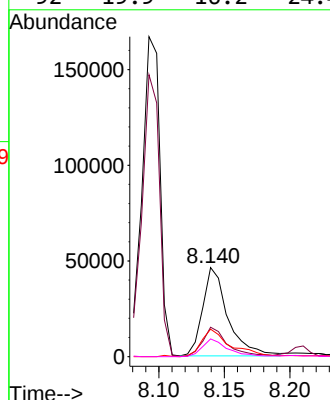
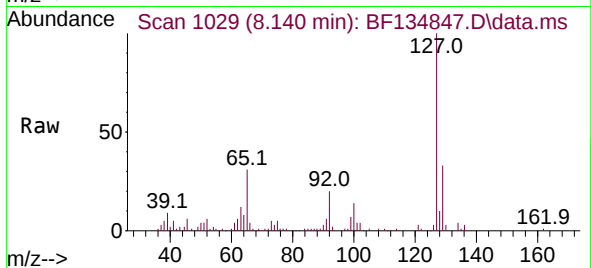
E-2MS

Tgt Ion:	127	Resp:	6191
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.6	38.4
65	30.8	25.4	38.0
92	19.9	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#34

Hexachlorobutadiene

Concen: 49.980 ng

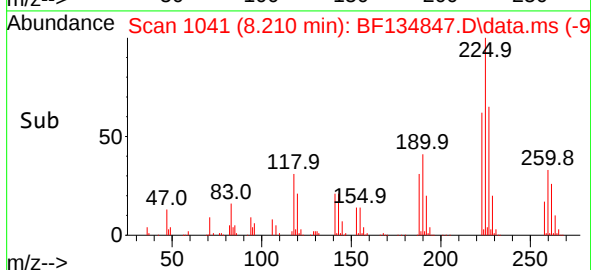
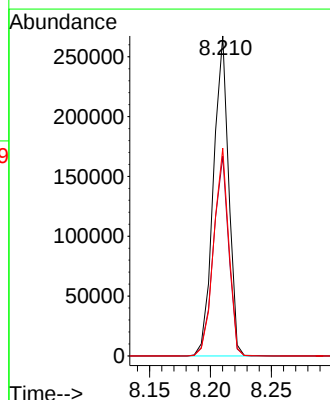
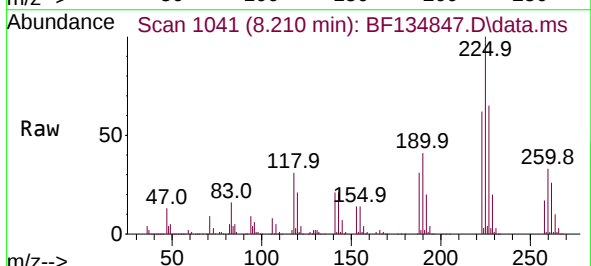
RT: 8.210 min Scan# 1041

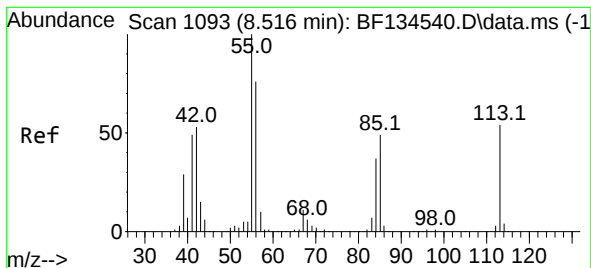
Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Tgt Ion:	225	Resp:	231939
Ion Ratio	Lower	Upper	
225	100		
223	62.4	48.2	72.4
227	64.9	48.5	72.7





#35

Caprolactam

Concen: 39.488 ng m

RT: 8.516 min Scan# 1093

Delta R.T. -0.017 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

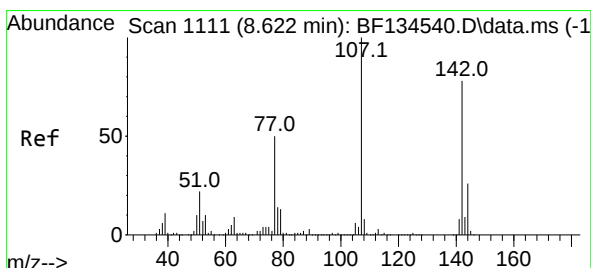
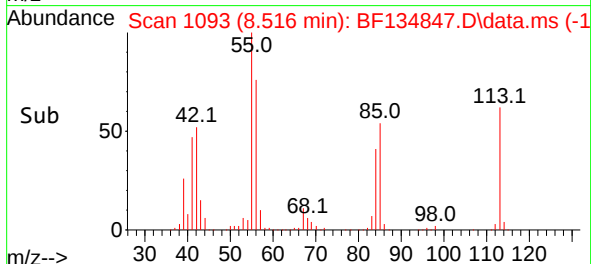
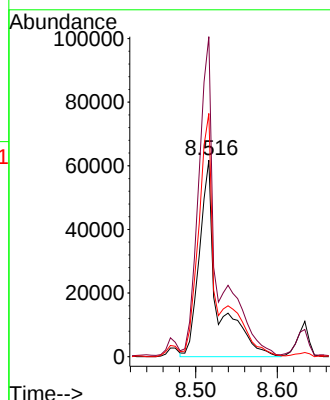
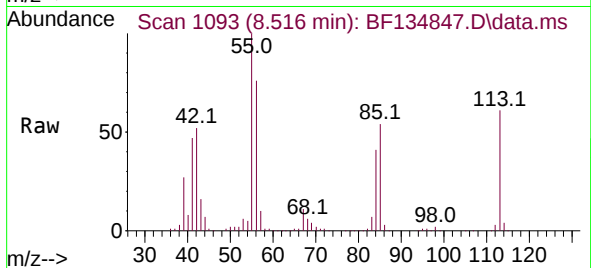
Tgt Ion:	113	Resp:	96116
Ion Ratio	Lower	Upper	
113	100		
55	162.9	161.5	201.5
56	123.8	117.8	157.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#36

4-Chloro-3-methylphenol

Concen: 46.521 ng

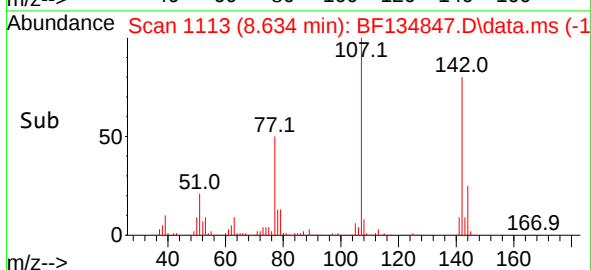
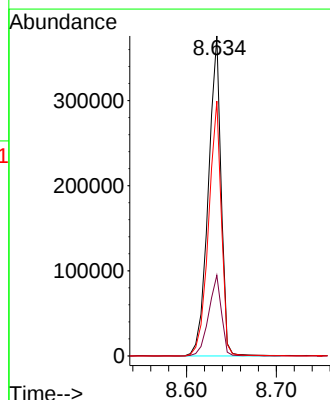
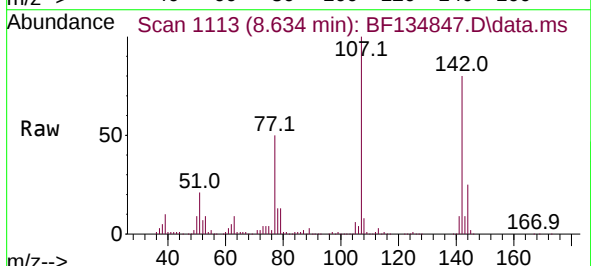
RT: 8.634 min Scan# 1113

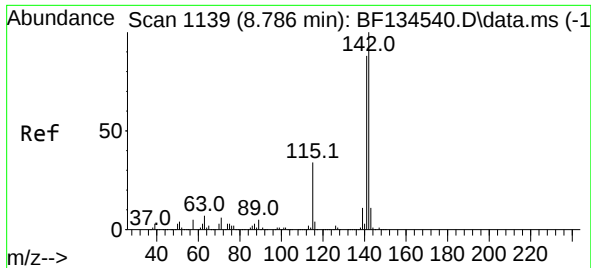
Delta R.T. 0.000 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

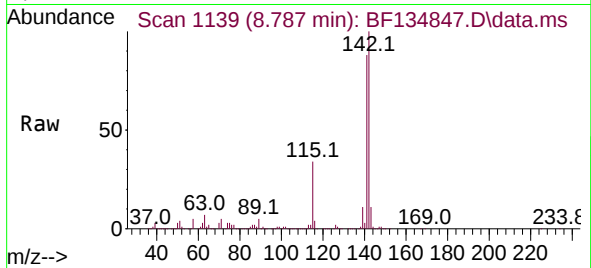
Tgt Ion:	107	Resp:	371703
Ion Ratio	Lower	Upper	
107	100		
144	25.2	19.6	29.4
142	79.6	57.7	86.5





#37
2-Methylnaphthalene
Concen: 43.702 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

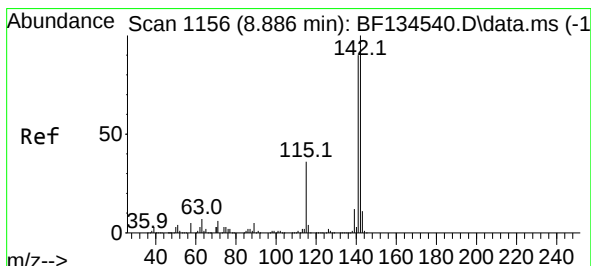
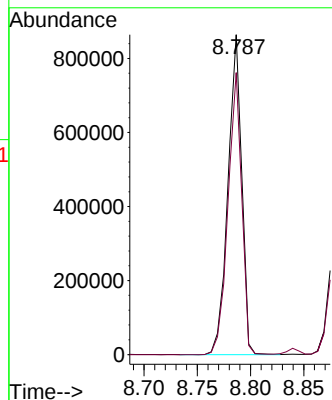
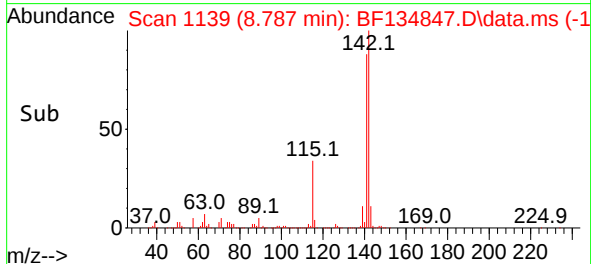
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:142 Resp: 777108
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

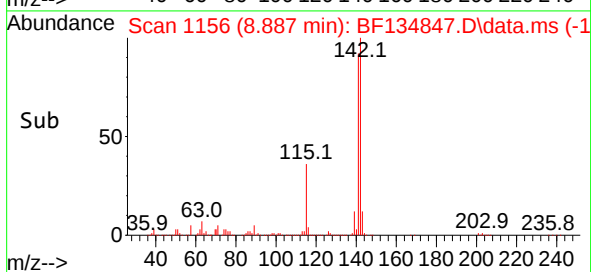
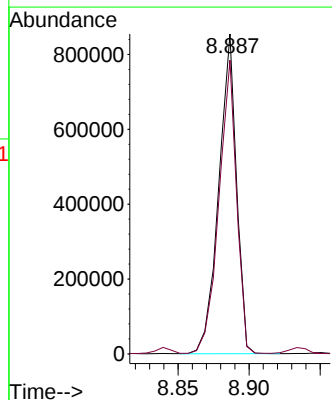
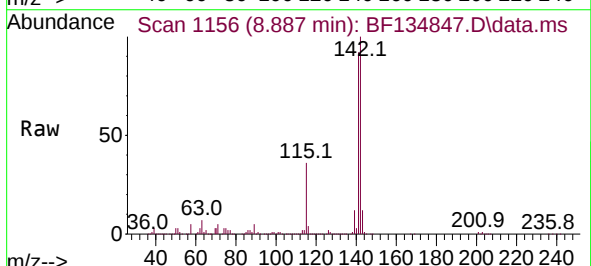
Manual Integrations
APPROVED

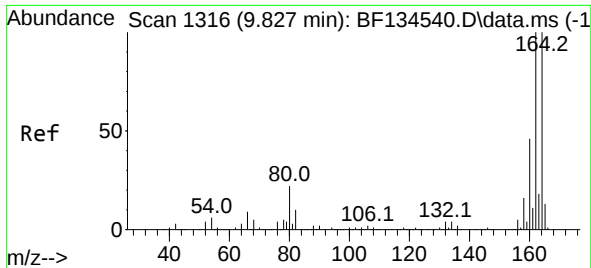
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#38
1-Methylnaphthalene
Concen: 44.865 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

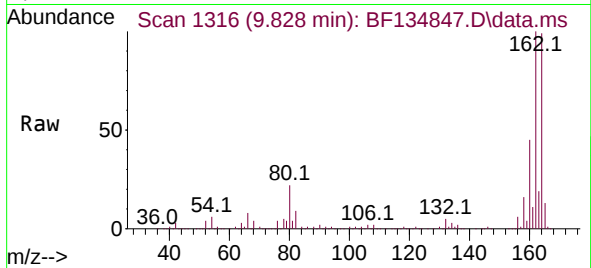
Tgt Ion:142 Resp: 741852
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

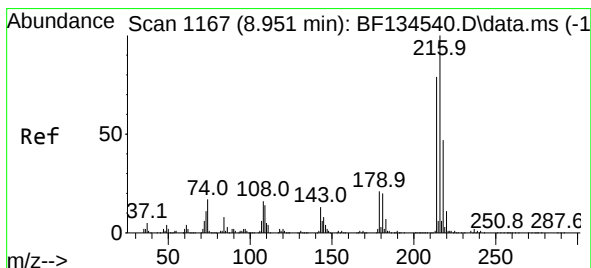
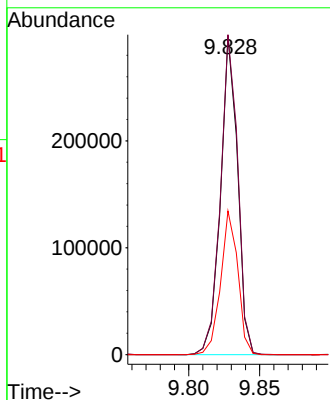
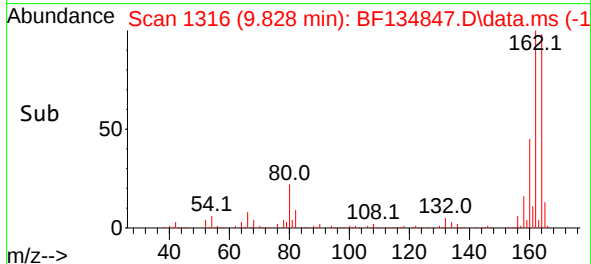
Instrument :
BNA_F
ClientSampleId :
E-2MS



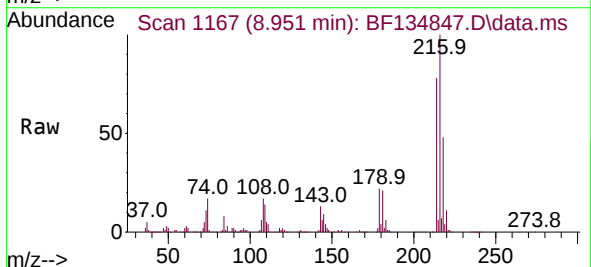
Tgt Ion:164 Resp: 248648
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 45.2 37.2 55.8

Manual Integrations
APPROVED

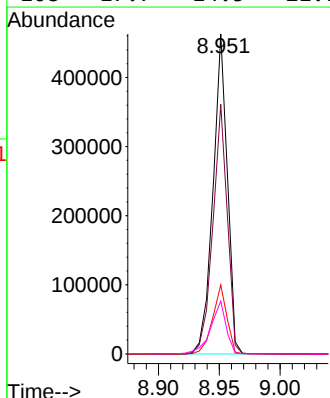
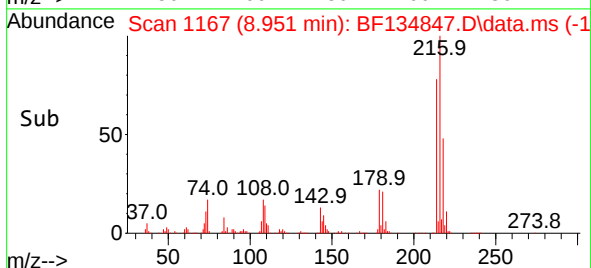
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

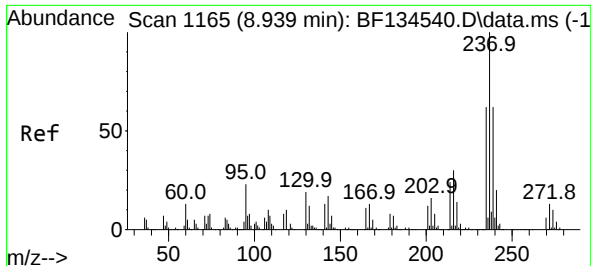


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.603 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



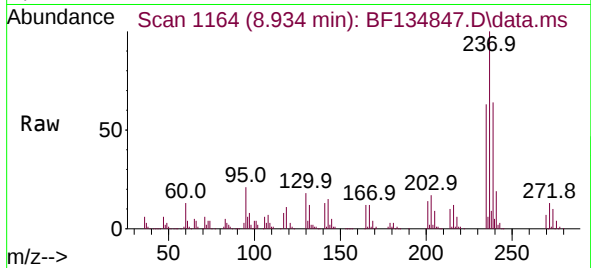
Tgt Ion:216 Resp: 380347
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.4 17.4 26.0
108 17.7 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 35.743 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

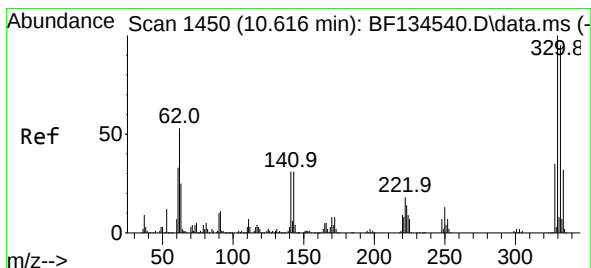
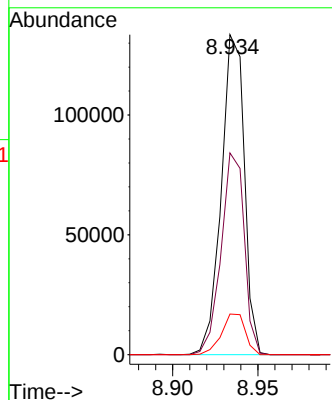
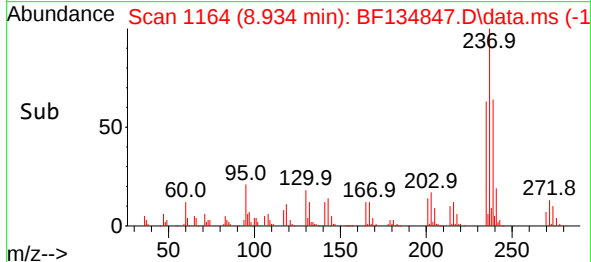
Instrument :
BNA_F
ClientSampleId :
E-2MS



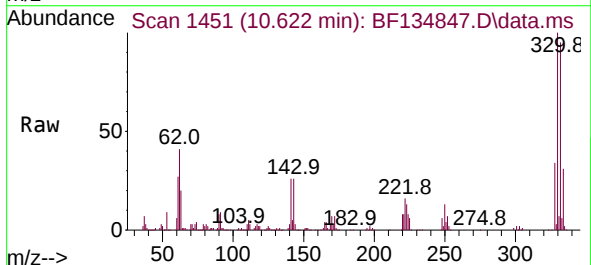
Tgt Ion:237 Resp: 125676
Ion Ratio Lower Upper
237 100
235 63.0 37.0 77.0
272 12.7 0.0 32.7

Manual Integrations
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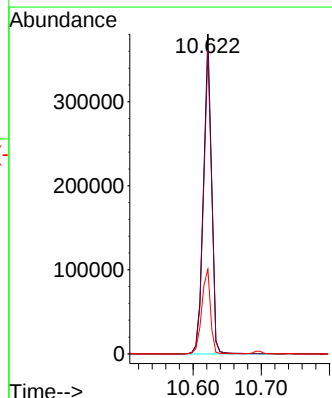
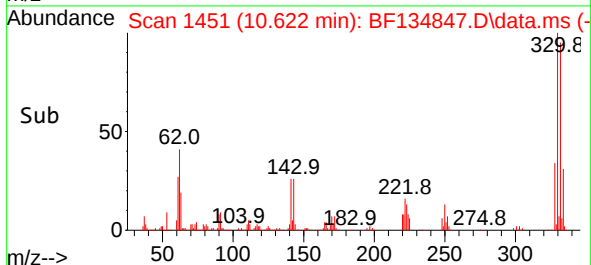
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

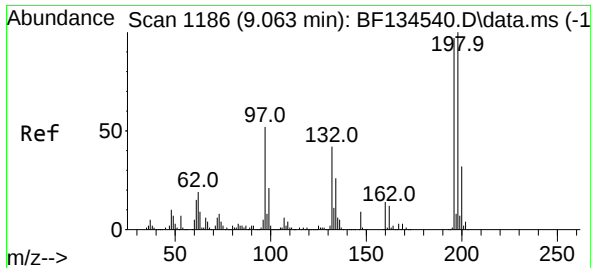


#42
2,4,6-Tribromophenol
Concen: 124.134 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion:330 Resp: 314645
Ion Ratio Lower Upper
330 100
332 95.4 78.8 118.2
141 28.5 25.4 38.2





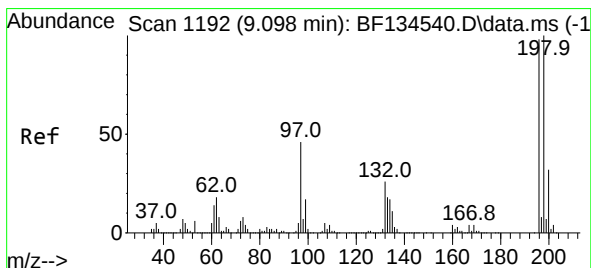
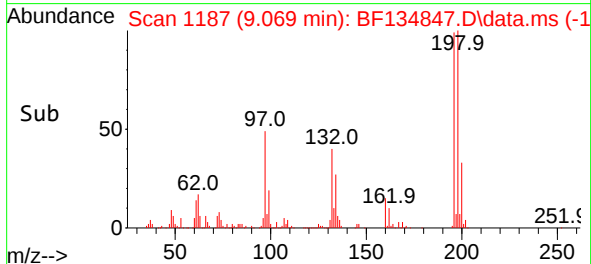
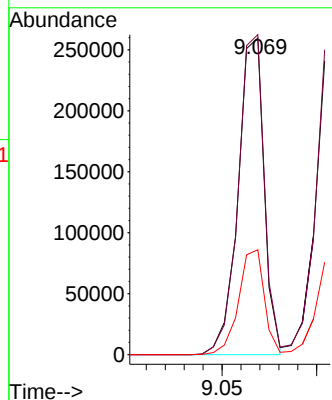
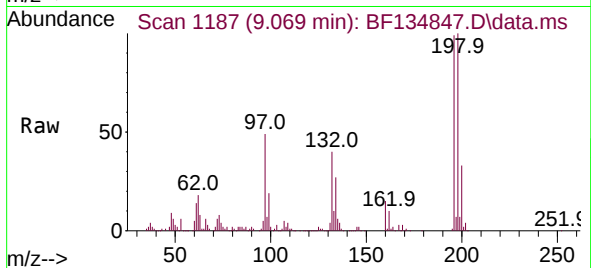
#43
2,4,6-Trichlorophenol
Concen: 52.356 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :
BNA_F
ClientSampleId :
E-2MS

Tgt Ion:196 Resp: 247753
Ion Ratio Lower Upper
196 100
198 101.1 77.4 116.2
200 33.1 25.4 38.2

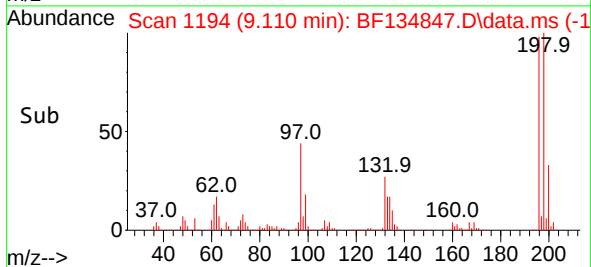
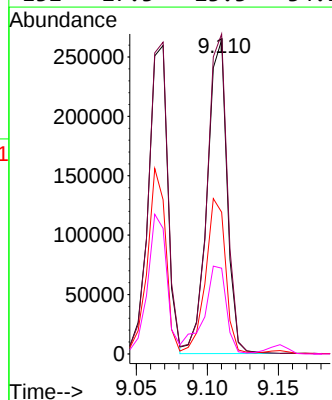
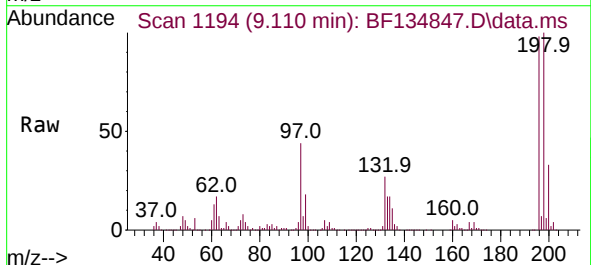
Manual Integrations
APPROVED

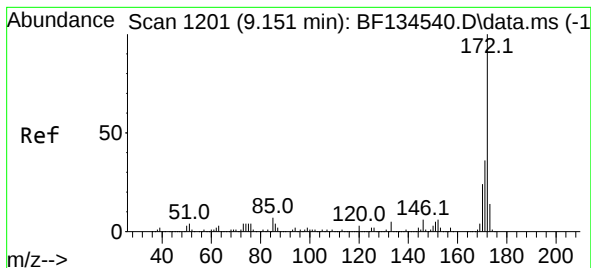
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#44
2,4,5-Trichlorophenol
Concen: 47.595 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:196 Resp: 257407
Ion Ratio Lower Upper
196 100
198 102.0 73.0 109.4
97 45.1 40.8 61.2
132 27.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 100.064 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

Tgt Ion:172 Resp: 1496415

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

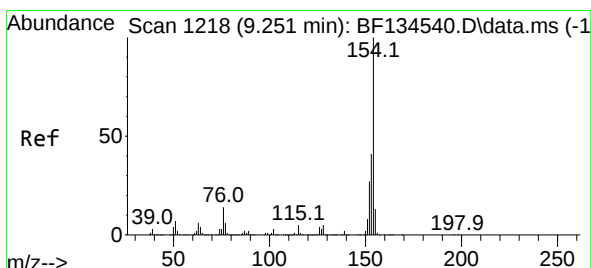
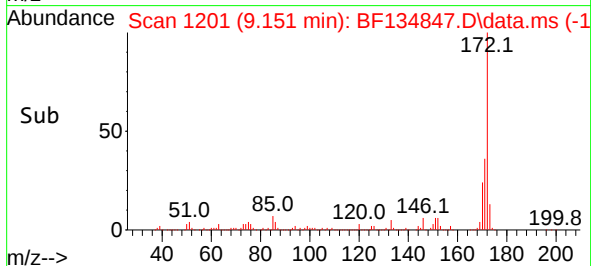
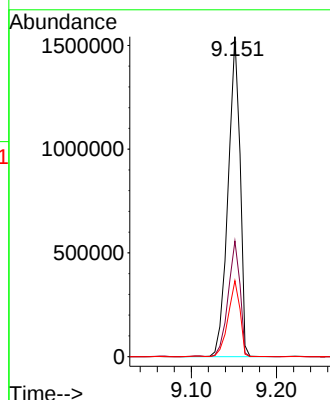
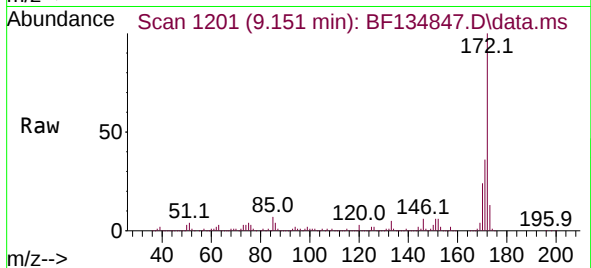
170 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#46

1,1'-Biphenyl

Concen: 50.759 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

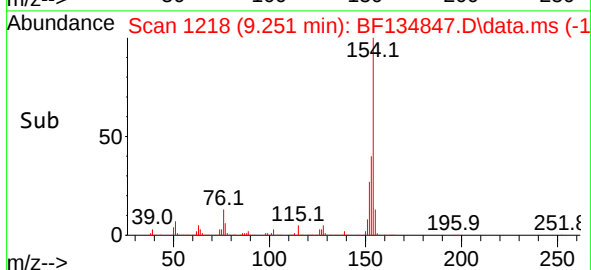
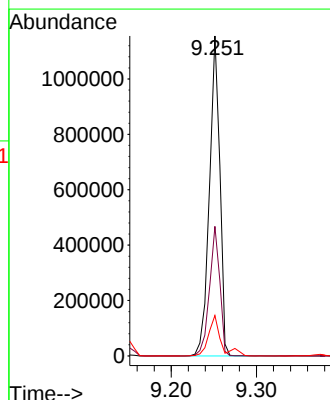
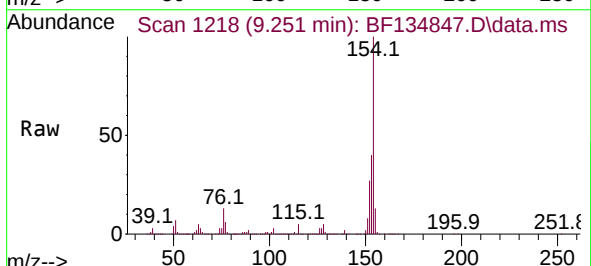
Tgt Ion:154 Resp: 981464

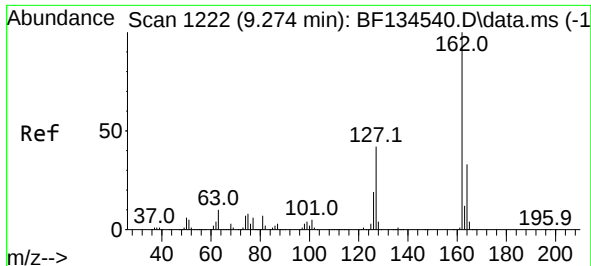
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 12.6 0.0 30.2





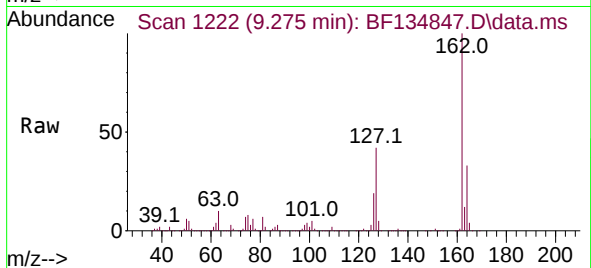
#47
2-Chloronaphthalene
Concen: 50.544 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

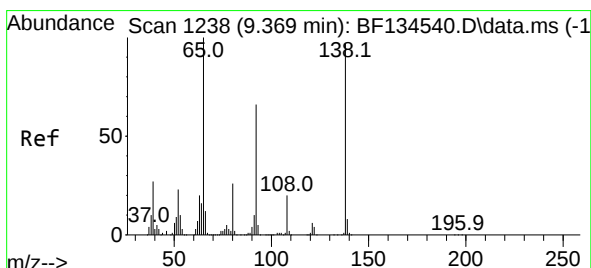
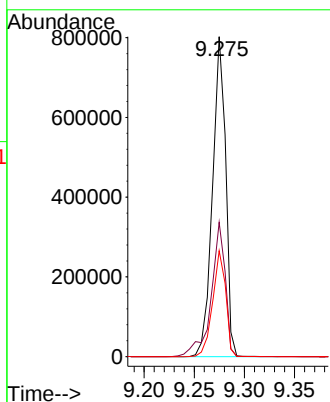
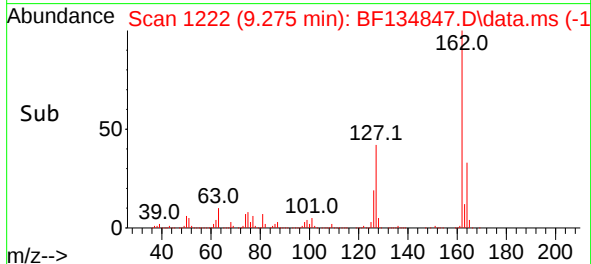


Tgt Ion:162 Resp: 732294
Ion Ratio Lower Upper
162 100
127 42.0 34.0 51.0
164 33.1 25.7 38.5

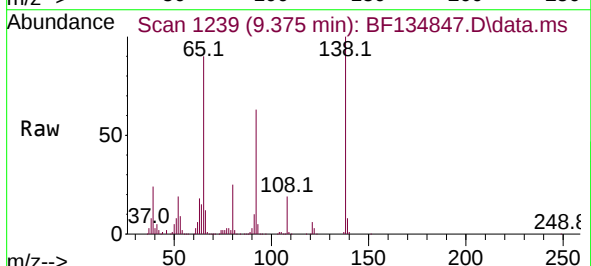
Manual Integrations

APPROVED

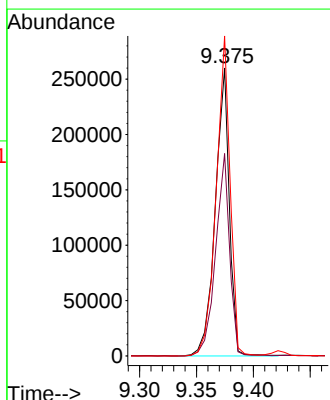
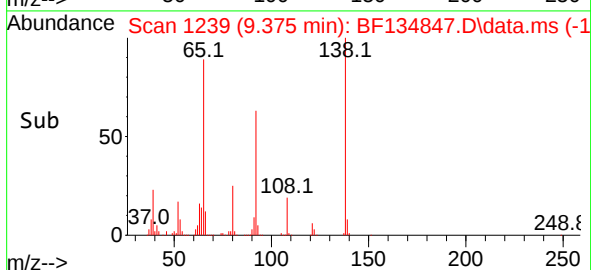
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

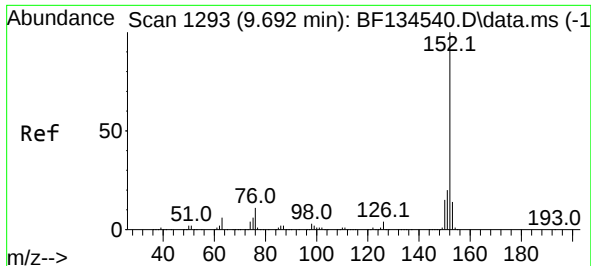


#48
2-Nitroaniline
Concen: 49.384 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



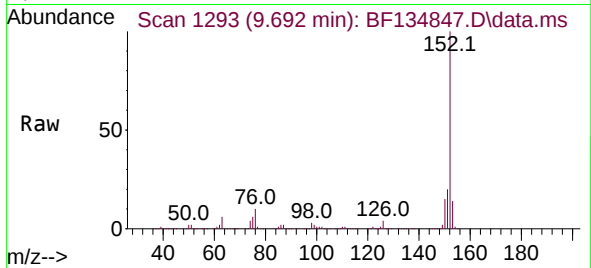
Tgt Ion: 65 Resp: 223504
Ion Ratio Lower Upper
65 100
92 70.3 50.7 76.1
138 111.1 78.2 117.4





#49
Acenaphthylene
Concen: 48.454 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

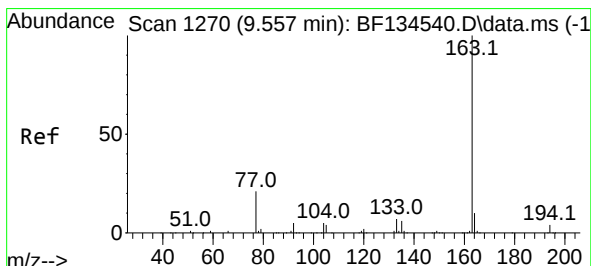
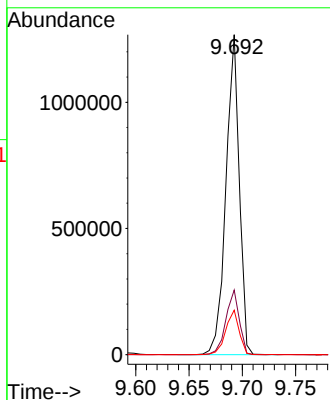
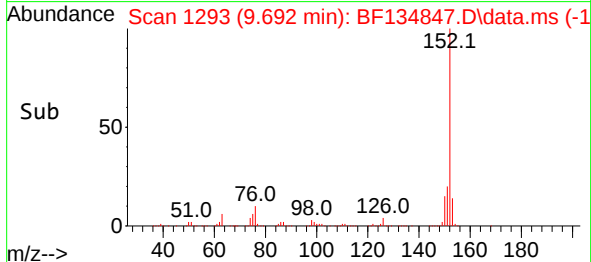
Instrument :
BNA_F
ClientSampleId :
E-2MS



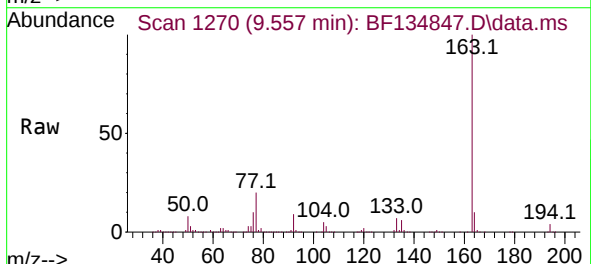
Tgt Ion:152 Resp: 1103478
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
APPROVED

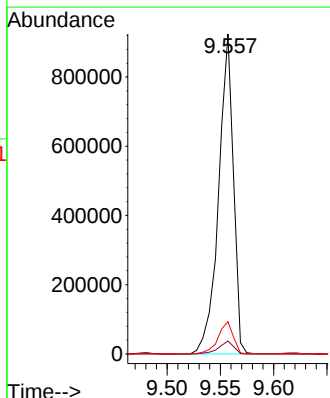
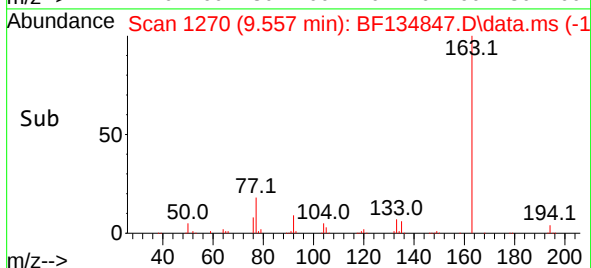
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

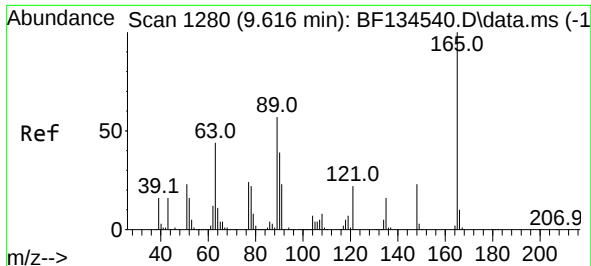


#50
Dimethylphthalate
Concen: 52.894 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion:163 Resp: 896405
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 54.969 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

Tgt Ion:165 Resp: 192196

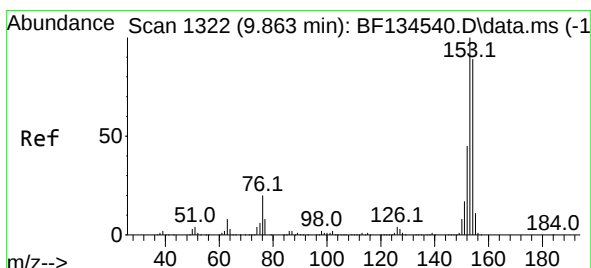
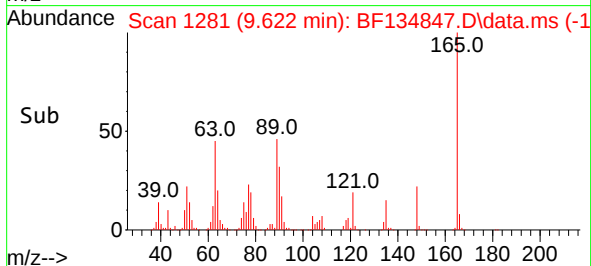
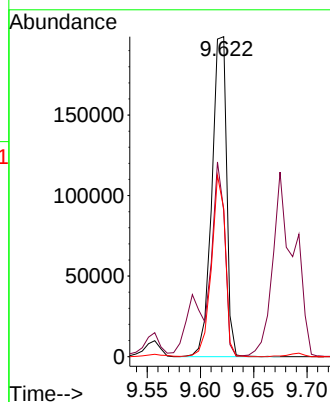
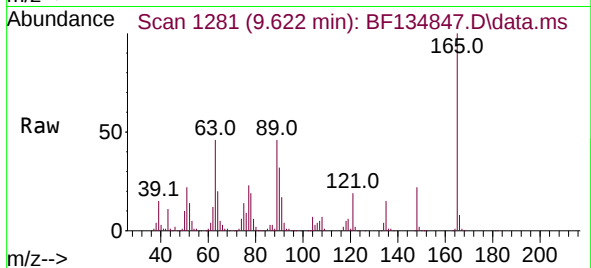
Ion	Ratio	Lower	Upper
165	100		
63	45.6	57.8	86.6
89	46.2	51.8	77.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#52

Acenaphthene

Concen: 44.504 ng

RT: 9.863 min Scan# 1322

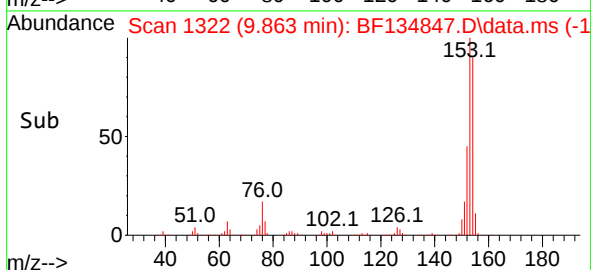
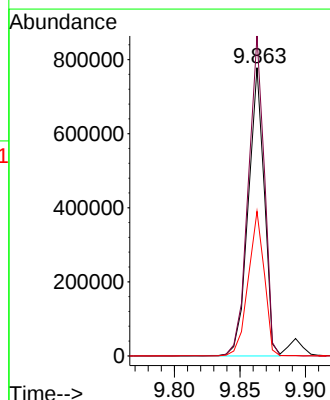
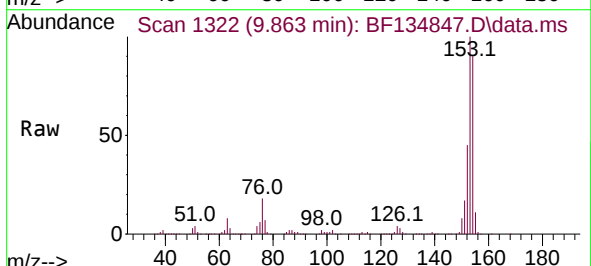
Delta R.T. -0.012 min

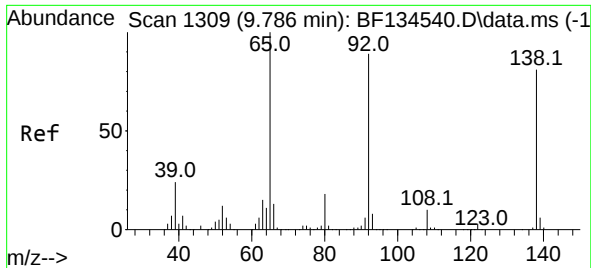
Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Tgt Ion:154 Resp: 656807

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	50.1	42.4	63.6





#53
3-Nitroaniline
Concen: 22.681 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

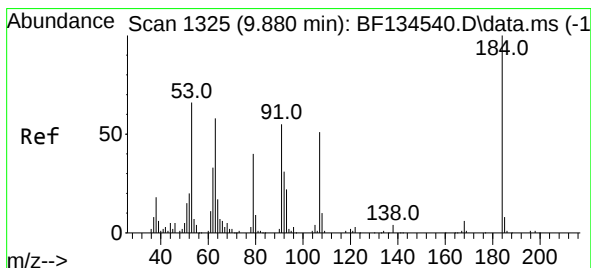
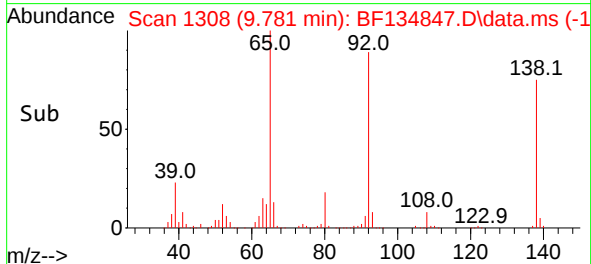
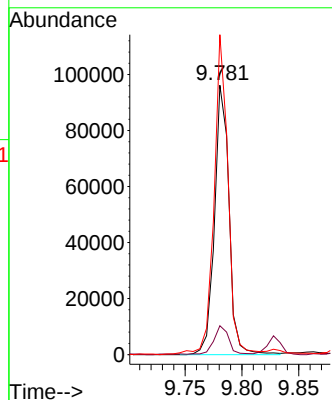
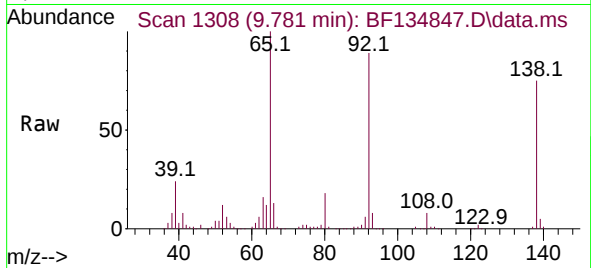
ClientSampleId :

E-2MS

Tgt Ion:138 Resp: 85675
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 118.8 86.6 129.8

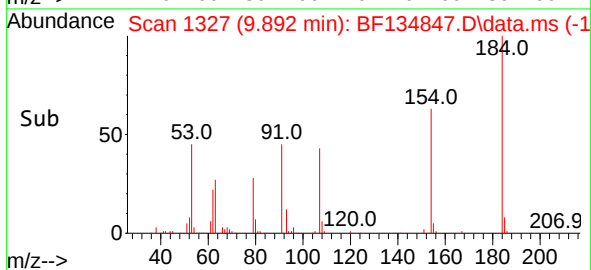
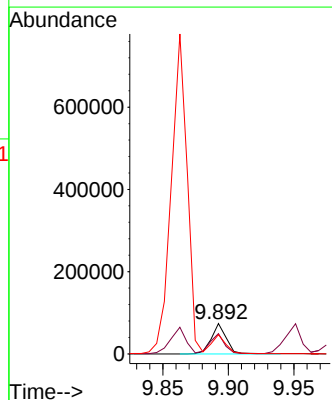
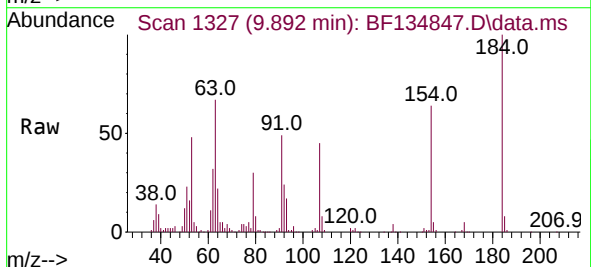
Manual Integrations
APPROVED

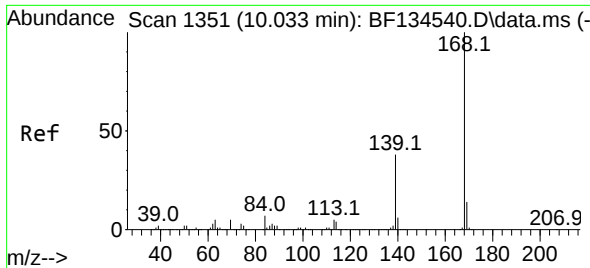
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#54
2,4-Dinitrophenol
Concen: 51.381 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

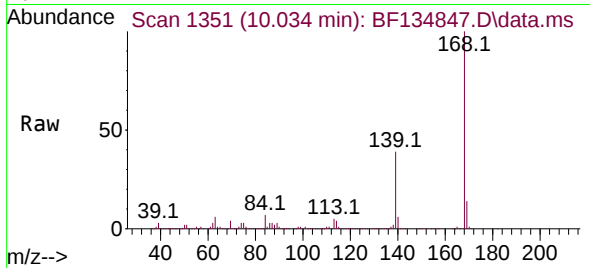
Tgt Ion:184 Resp: 58852
Ion Ratio Lower Upper
184 100
63 66.7 57.1 85.7
154 63.7 59.1 88.7





#55
Dibenzofuran
Concen: 45.316 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

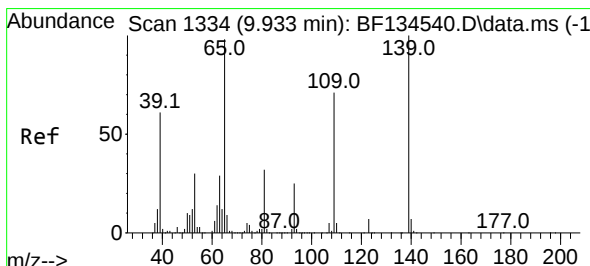
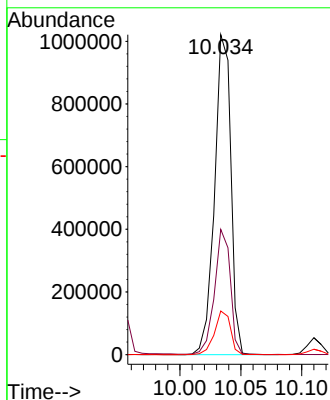
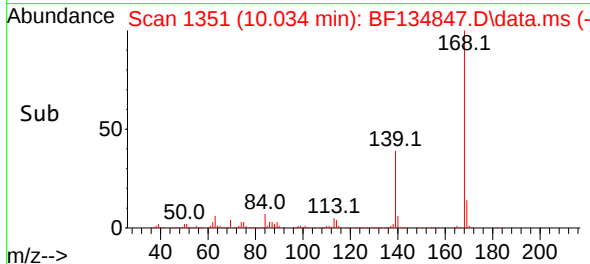
Instrument :
BNA_F
ClientSampleId :
E-2MS



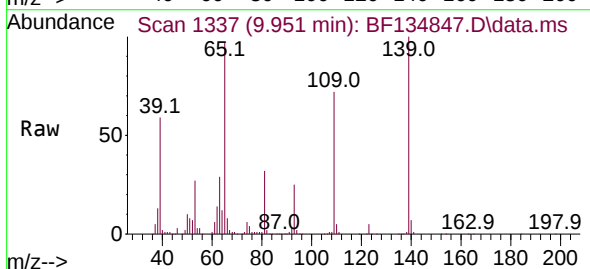
Tgt Ion:168 Resp: 952068
Ion Ratio Lower Upper
168 100
139 39.1 33.4 50.2
169 13.6 10.6 15.8

Manual Integrations
APPROVED

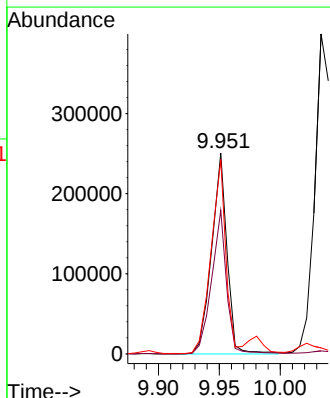
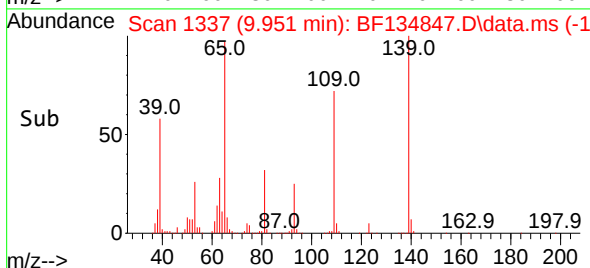
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

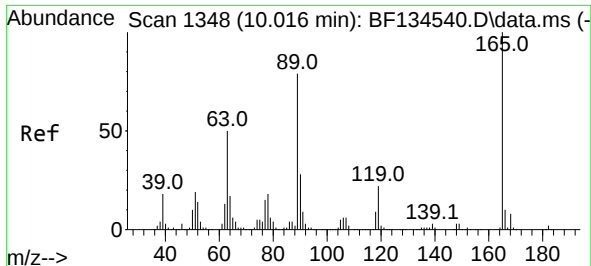


#56
4-Nitrophenol
Concen: 71.260 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion:139 Resp: 220150
Ion Ratio Lower Upper
139 100
109 71.5 76.9 116.9#
65 96.8 98.5 138.5#





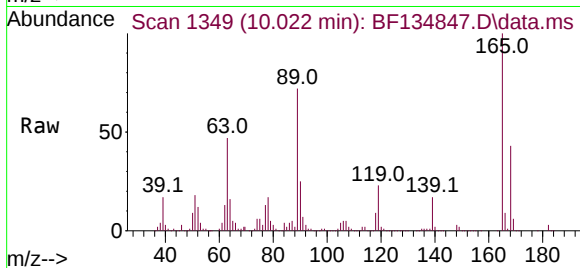
#57
2,4-Dinitrotoluene
Concen: 51.893 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

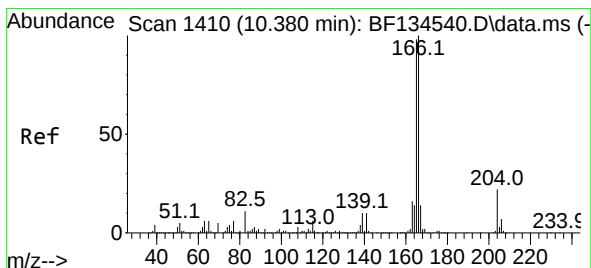
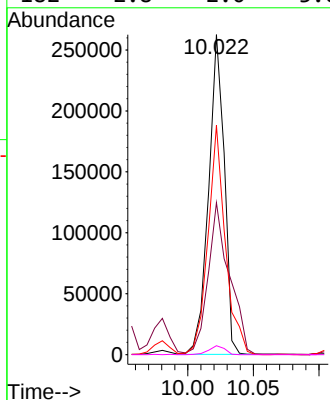
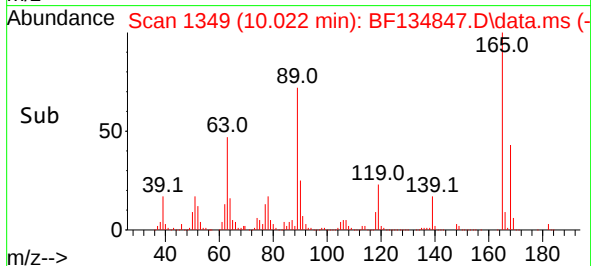


Tgt Ion:165 Resp: 218669
Ion Ratio Lower Upper
165 100
63 47.5 48.9 73.3
89 71.6 61.7 92.5
182 2.8 2.0 3.0

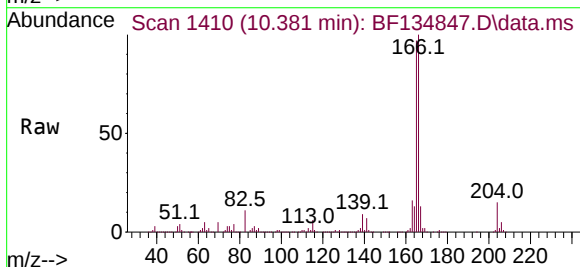
Manual Integrations

APPROVED

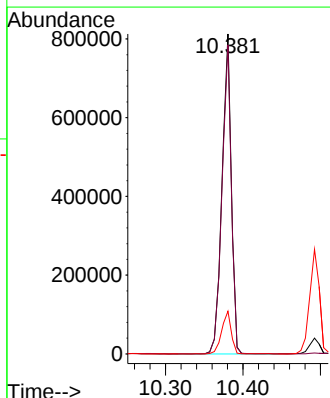
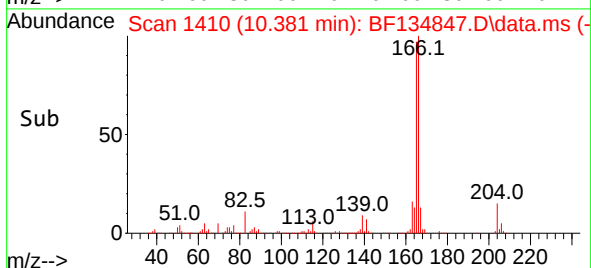
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

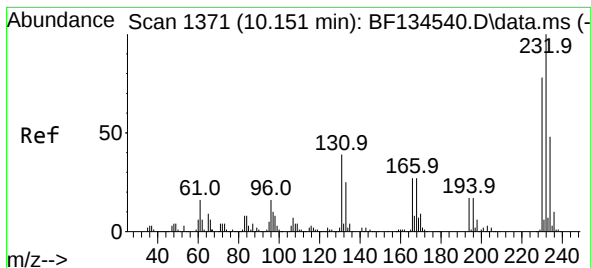


#58
Fluorene
Concen: 44.305 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



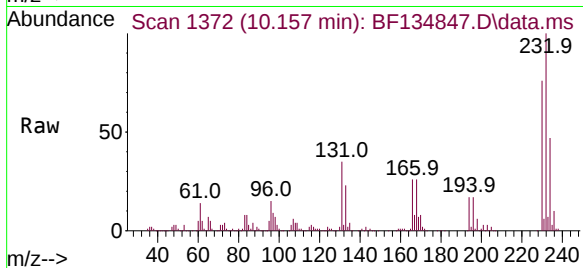
Tgt Ion:166 Resp: 678004
Ion Ratio Lower Upper
166 100
165 96.6 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.949 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

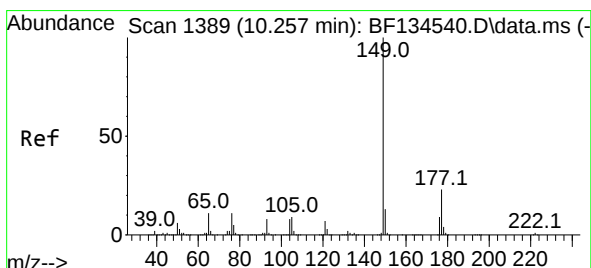
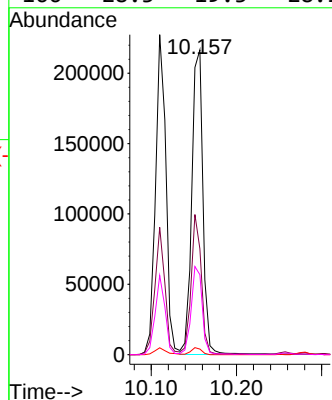
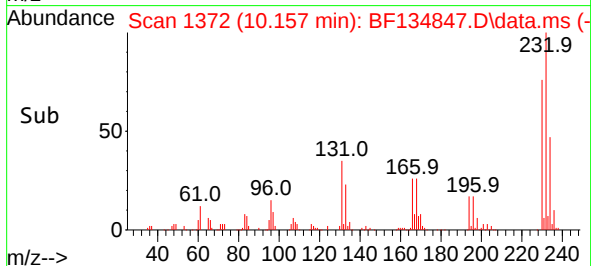
Instrument :
BNA_F
ClientSampleId :
E-2MS



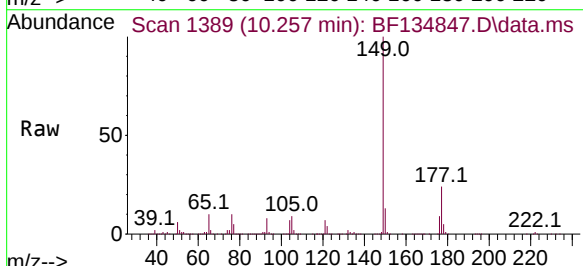
Tgt Ion:232 Resp: 196603
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.2 1.8 2.6
166 28.3 19.3 28.9

Manual Integrations
APPROVED

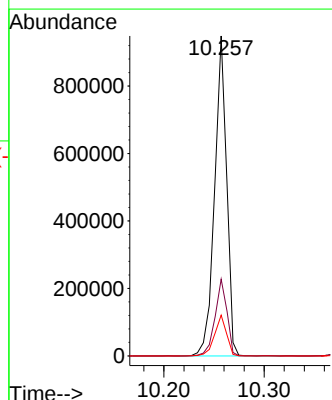
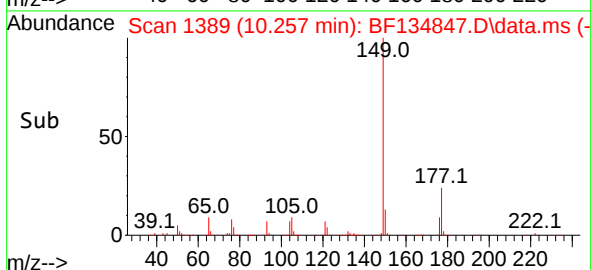
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

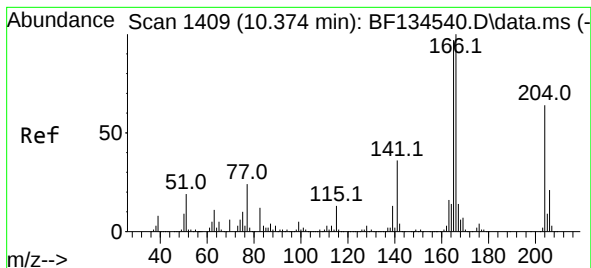


#60
Diethylphthalate
Concen: 49.053 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



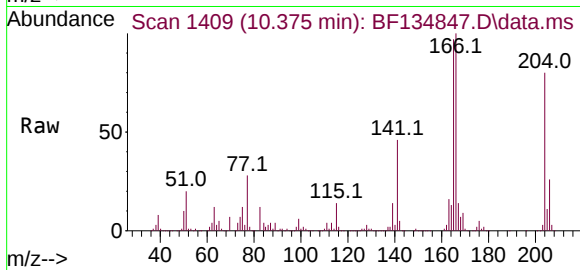
Tgt Ion:149 Resp: 787968
Ion Ratio Lower Upper
149 100
177 24.0 17.0 25.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.098 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

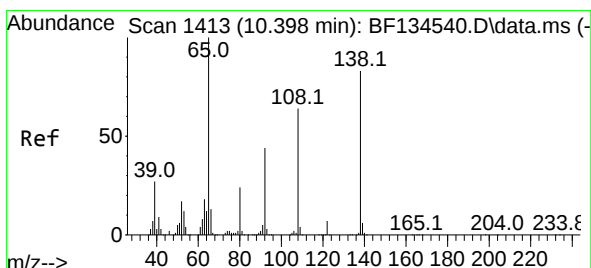
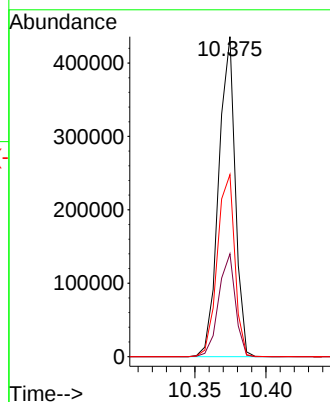
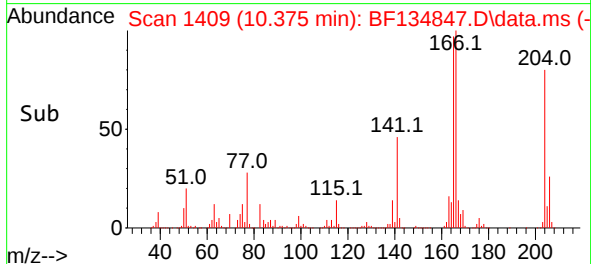
Instrument :
BNA_F
ClientSampleId :
E-2MS



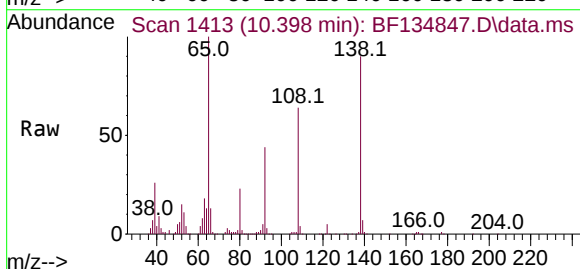
Tgt Ion:204 Resp: 354264
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 56.9 52.2 78.4

Manual Integrations
APPROVED

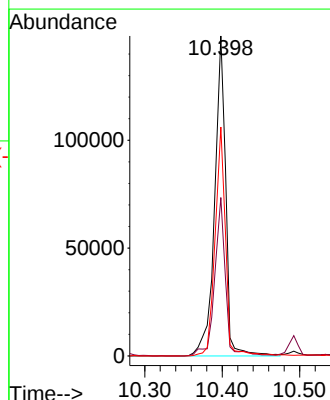
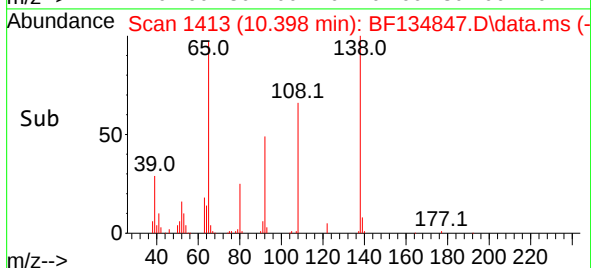
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

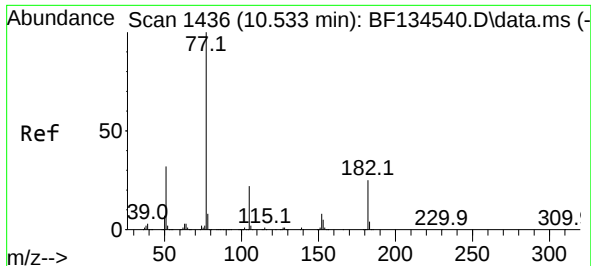


#62
4-Nitroaniline
Concen: 39.927 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



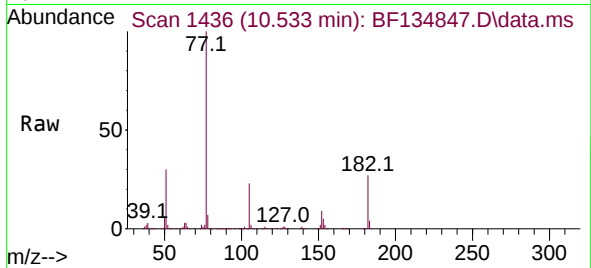
Tgt Ion:138 Resp: 147826
Ion Ratio Lower Upper
138 100
92 49.5 27.0 67.0
108 71.5 70.4 110.4





#63
Azobenzene
Concen: 41.554 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

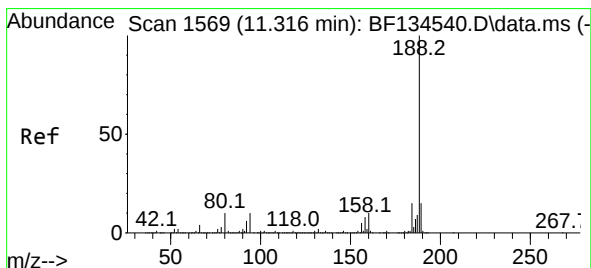
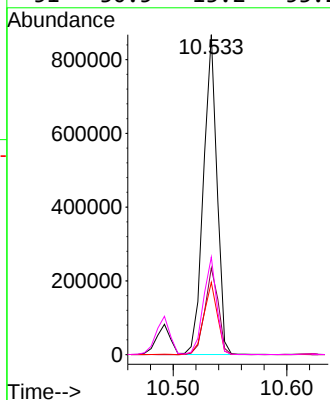
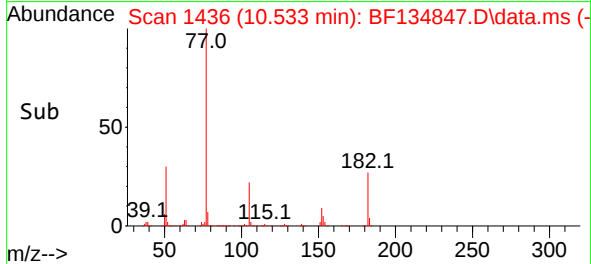
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion: 77 Resp: 717173
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.6 1.9 41.9
51 30.5 13.2 53.2

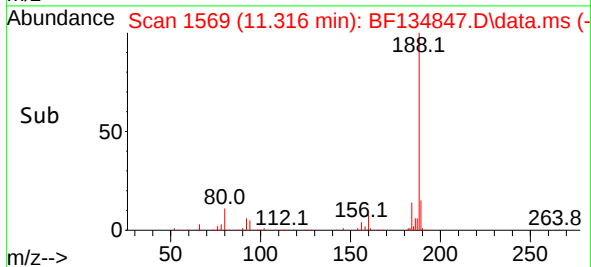
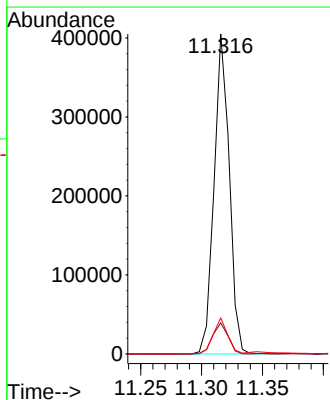
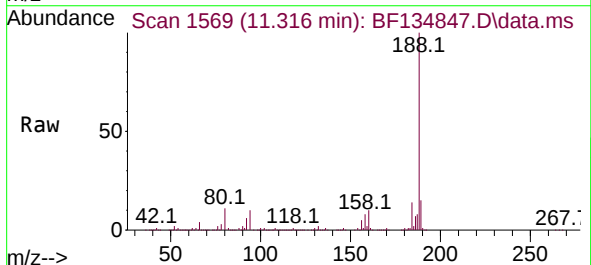
Manual Integrations
APPROVED

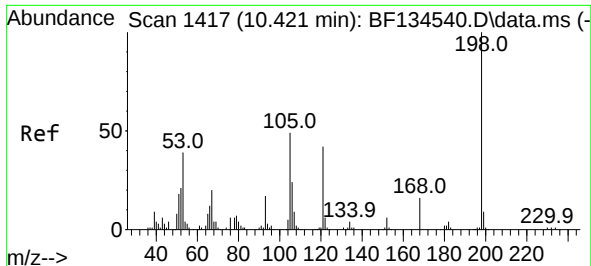
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:188 Resp: 350433
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 11.2 6.6 9.8#





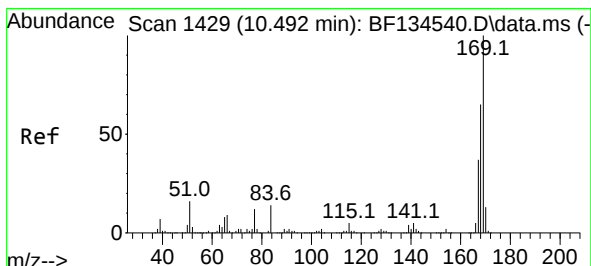
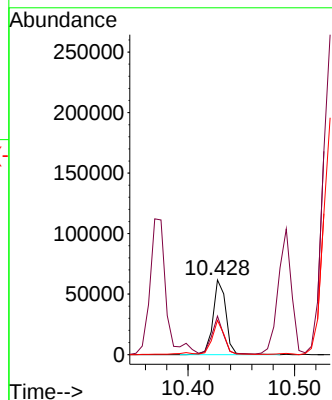
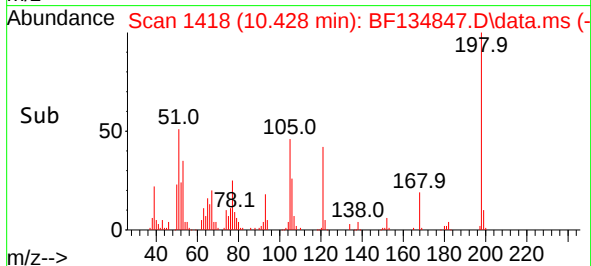
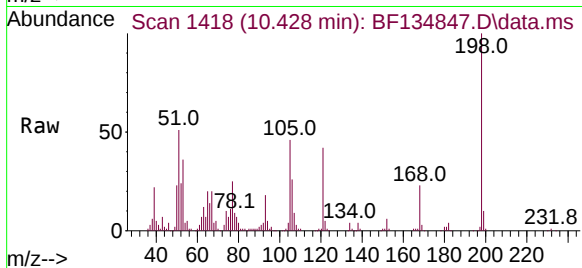
#65
4,6-Dinitro-2-methylphenol
Concen: 38.562 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :
BNA_F
ClientSampleId :
E-2MS

Tgt Ion:198 Resp: 51660
Ion Ratio Lower Upper
198 100
51 51.5 38.6 78.6
105 45.7 27.9 67.9

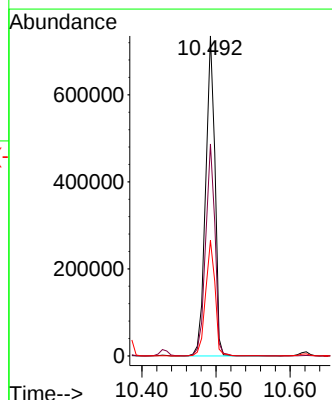
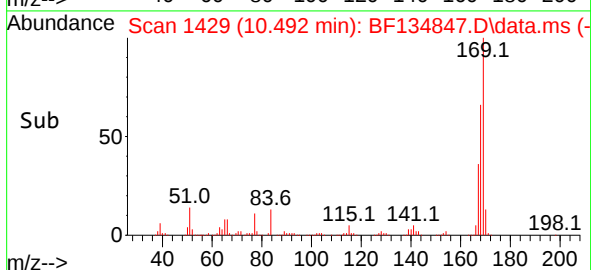
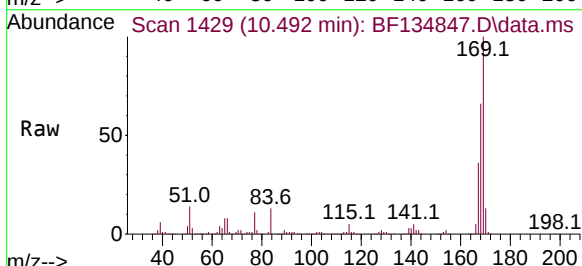
Manual Integrations
APPROVED

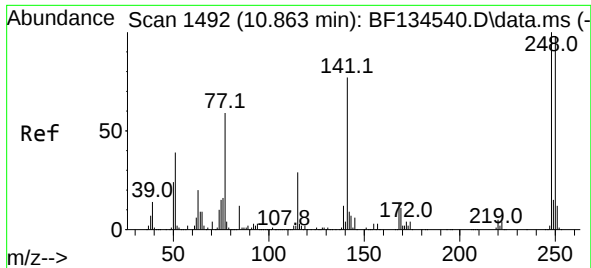
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#66
n-Nitrosodiphenylamine
Concen: 57.078 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

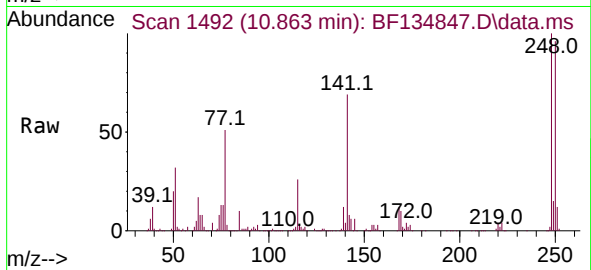
Tgt Ion:169 Resp: 636654
Ion Ratio Lower Upper
169 100
168 66.2 52.6 78.8
167 36.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 57.647 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

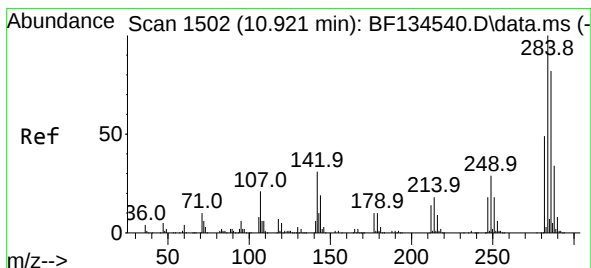
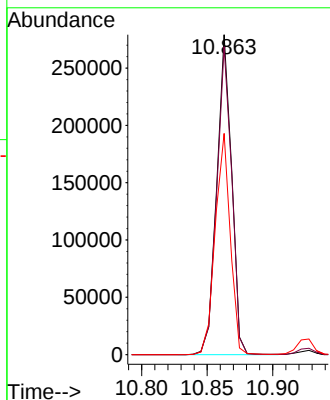
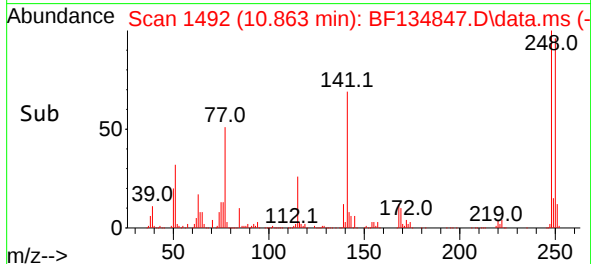
Instrument :
BNA_F
ClientSampleId :
E-2MS



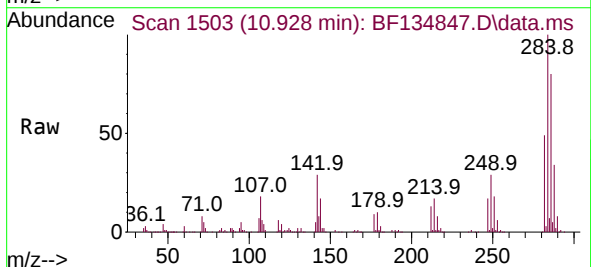
Tgt Ion:248 Resp: 221143
Ion Ratio Lower Upper
248 100
250 96.2 79.6 119.4
141 69.1 59.6 89.4

Manual Integrations
APPROVED

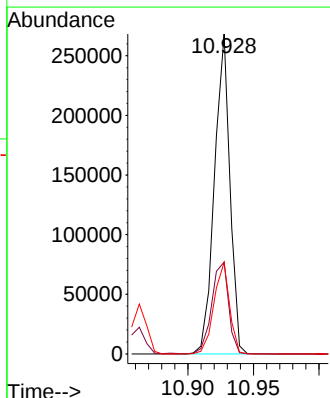
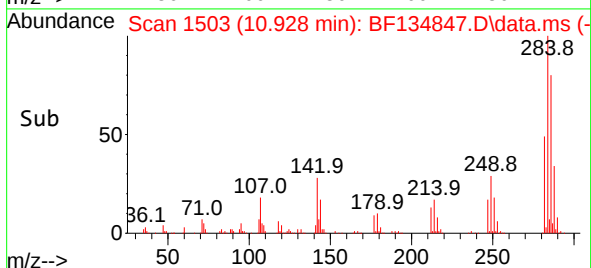
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

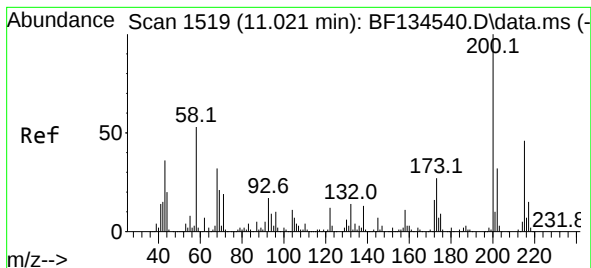


#68
Hexachlorobenzene
Concen: 54.378 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



Tgt Ion:284 Resp: 220279
Ion Ratio Lower Upper
284 100
142 28.7 26.5 39.7
249 28.6 23.8 35.8





#69

Atrazine

Concen: 67.243 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF134847.D

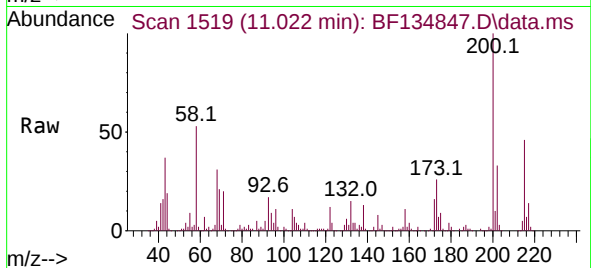
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS



Tgt Ion:200 Resp: 202159

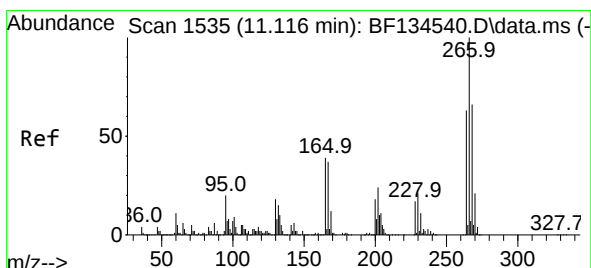
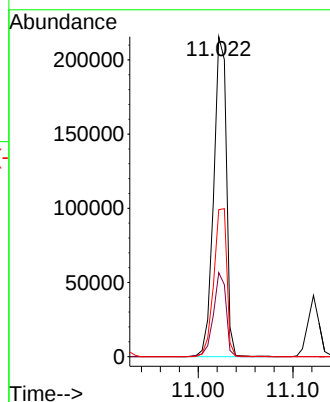
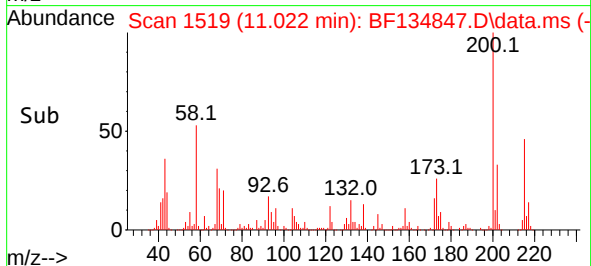
Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	46.0	29.7	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#70

Pentachlorophenol

Concen: 75.195 ng

RT: 11.122 min Scan# 1536

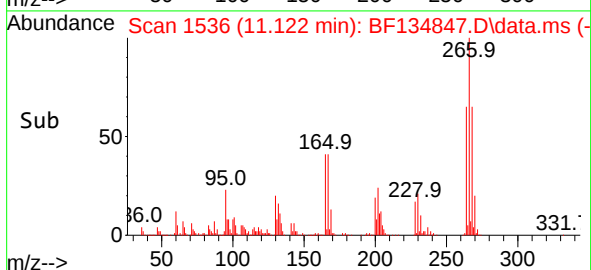
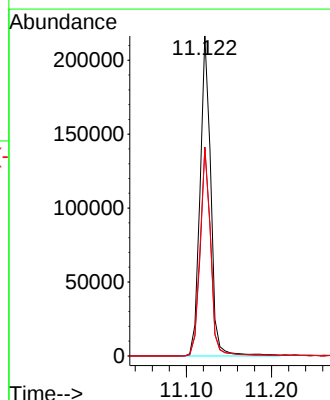
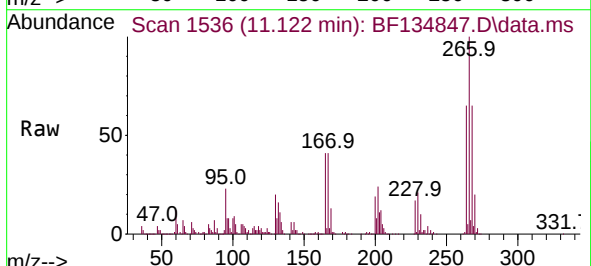
Delta R.T. -0.006 min

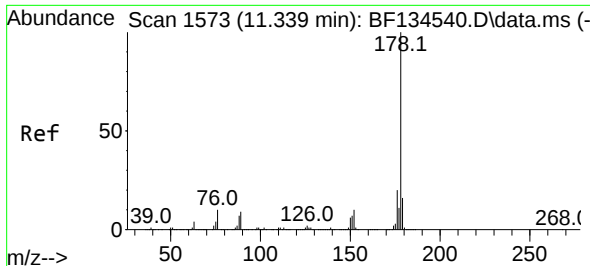
Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Tgt Ion:266 Resp: 188603

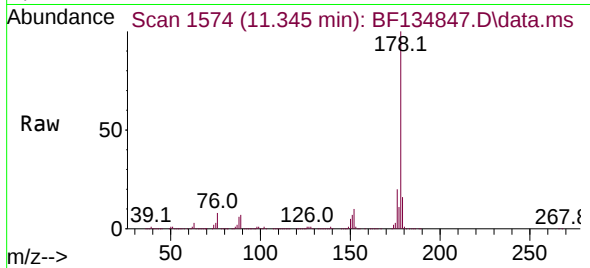
Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.9	79.3
264	64.9	47.8	71.6





#71
Phenanthrene
Concen: 46.958 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

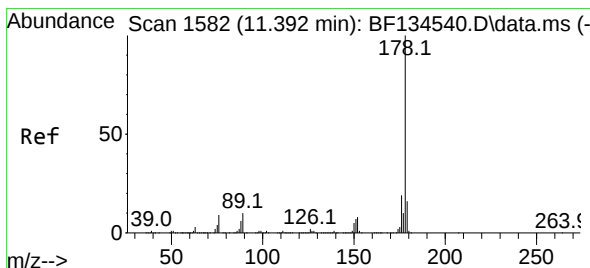
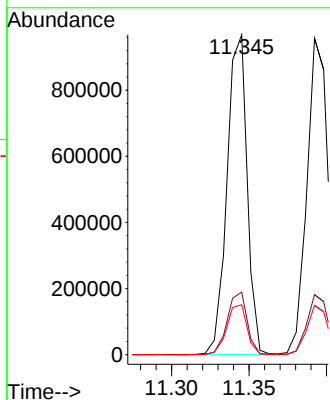
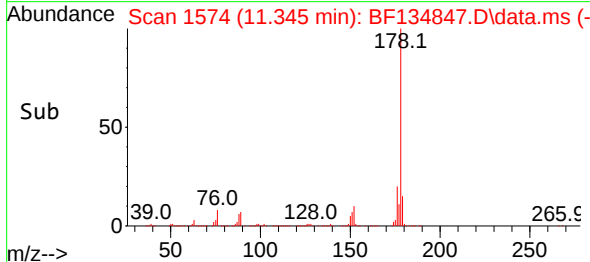
Instrument :
BNA_F
ClientSampleId :
E-2MS



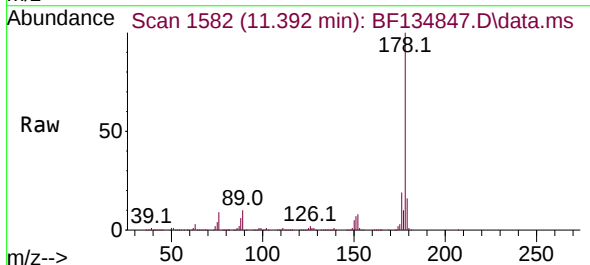
Tgt Ion:178 Resp: 874065
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.6 12.7 19.1

Manual Integrations
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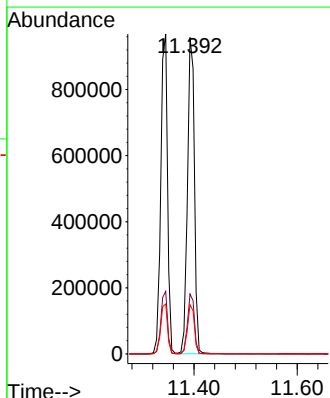
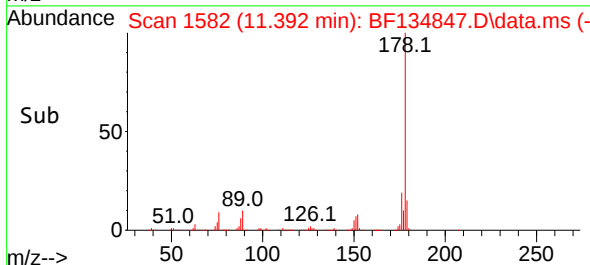
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

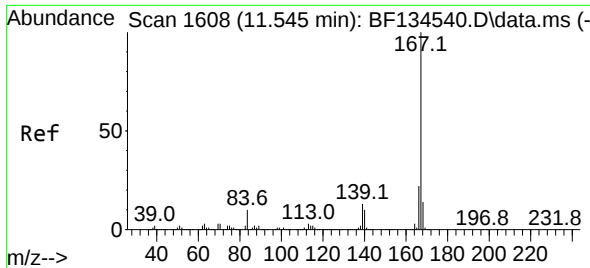


#72
Anthracene
Concen: 46.935 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



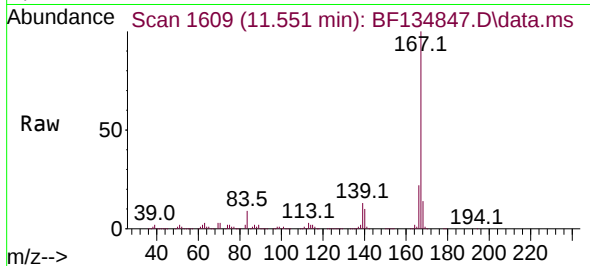
Tgt Ion:178 Resp: 892366
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 44.312 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45

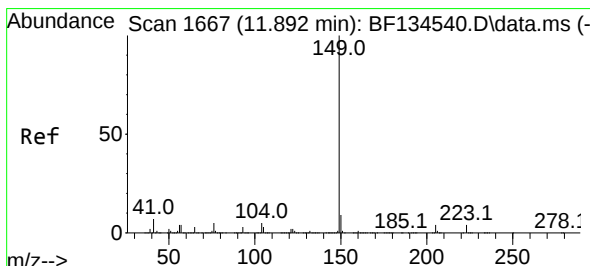
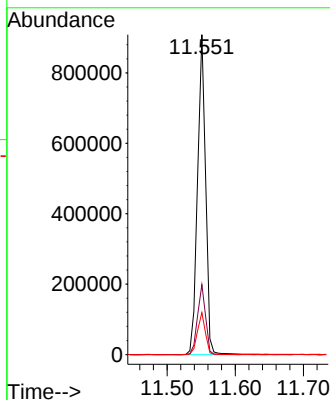
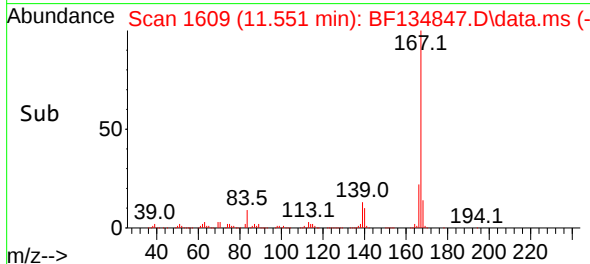
Instrument :
 BNA_F
 ClientSampleId :
 E-2MS



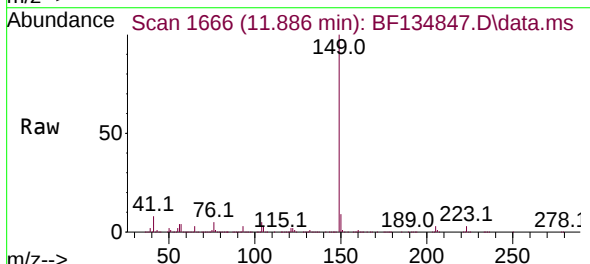
Tgt Ion:167 Resp: 752245
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.1 11.0 16.4

Manual Integrations
 APPROVED

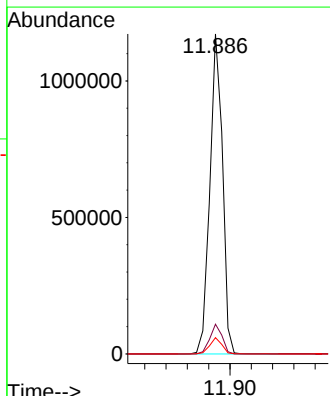
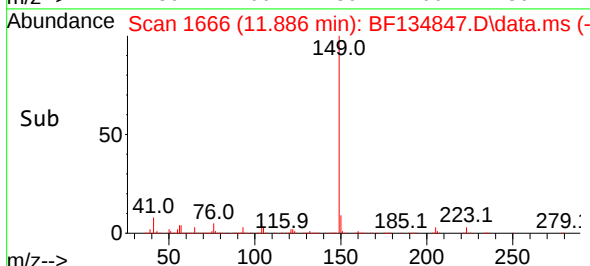
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

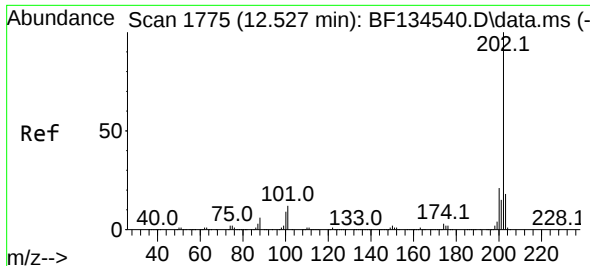


#74
 Di-n-butylphthalate
 Concen: 53.403 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45



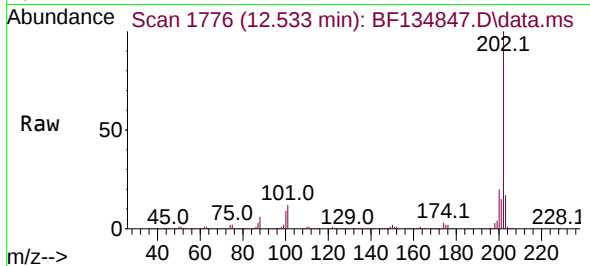
Tgt Ion:149 Resp: 963135
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 43.040 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

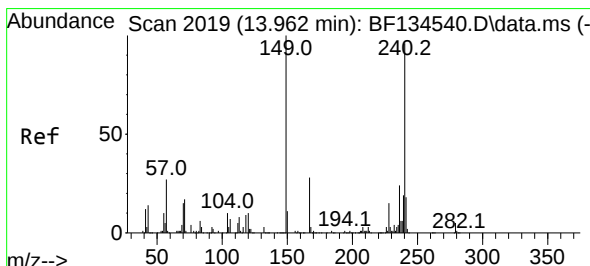
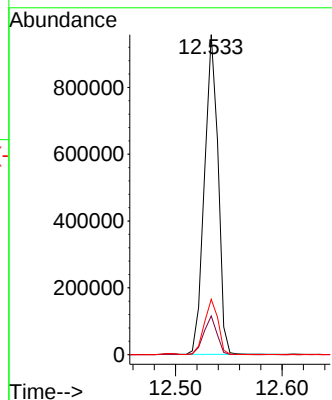
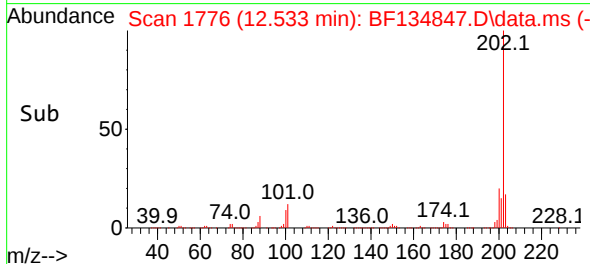
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:202 Resp: 846243
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 17.3 0.0 37.5

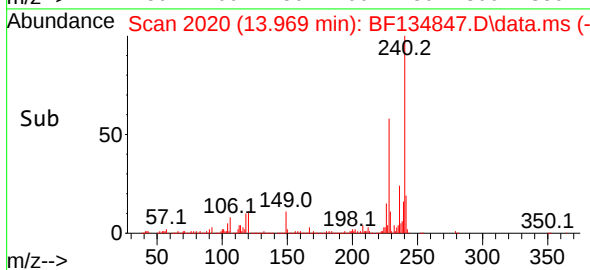
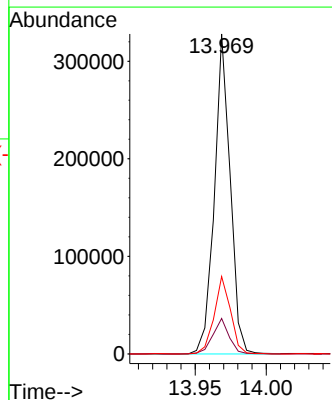
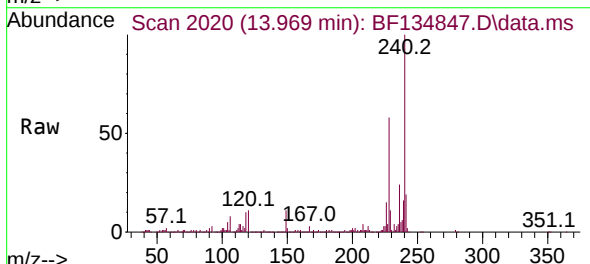
Manual Integrations
APPROVED

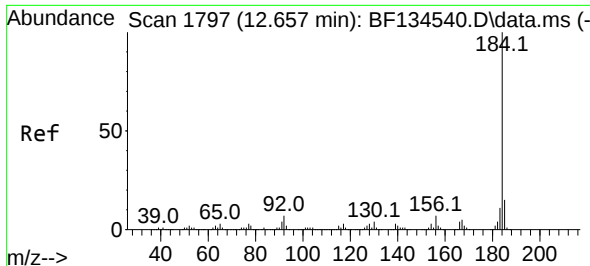
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

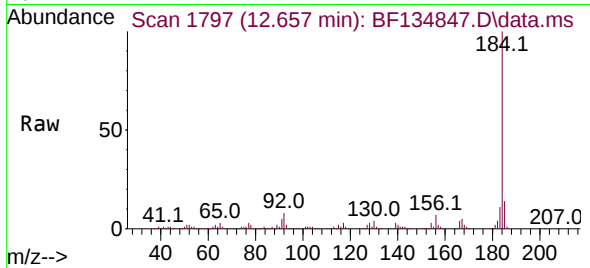
Tgt Ion:240 Resp: 254188
Ion Ratio Lower Upper
240 100
120 11.1 6.6 10.0#
236 24.2 20.2 30.2





#77
Benzidine
Concen: 32.849 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

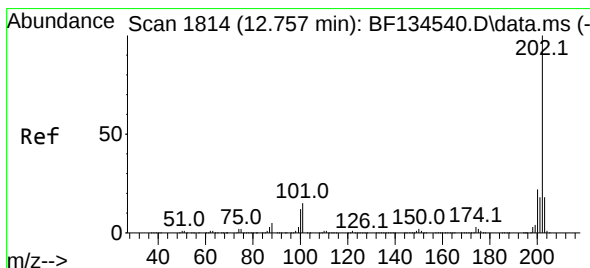
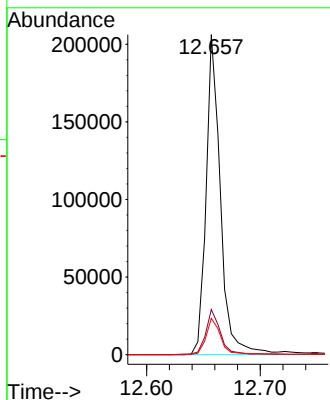
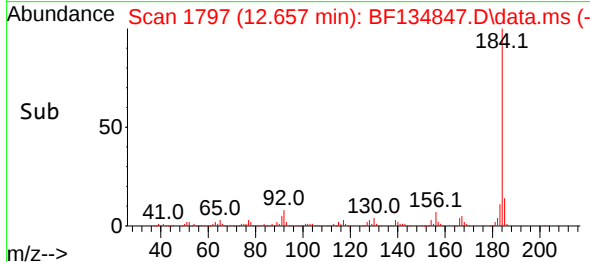
Instrument :
BNA_F
ClientSampleId :
E-2MS



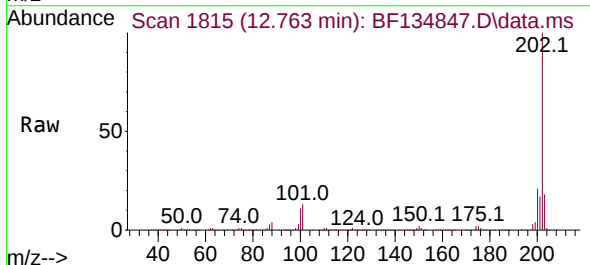
Tgt Ion:184 Resp: 181259
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.3 8.6 13.0

Manual Integrations
APPROVED

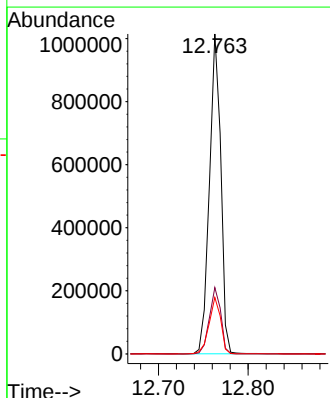
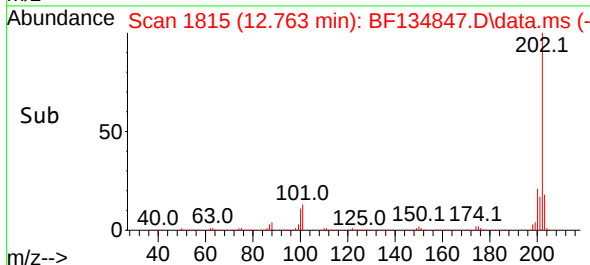
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

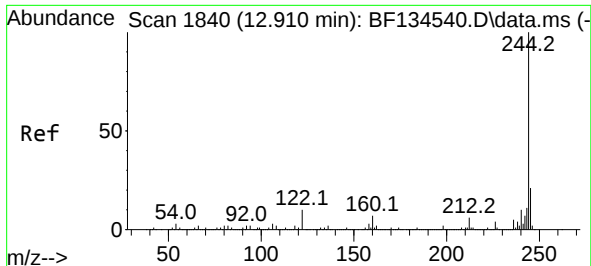


#78
Pyrene
Concen: 40.494 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



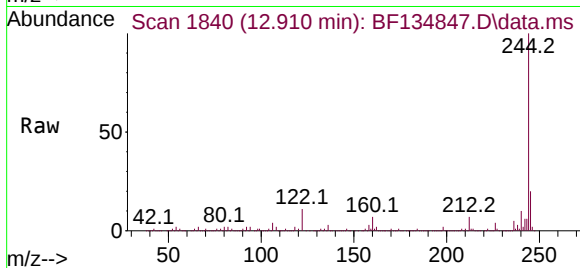
Tgt Ion:202 Resp: 890676
Ion Ratio Lower Upper
202 100
200 20.7 15.8 23.8
203 17.6 13.5 20.3





#79
 Terphenyl-d14
 Concen: 83.712 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45

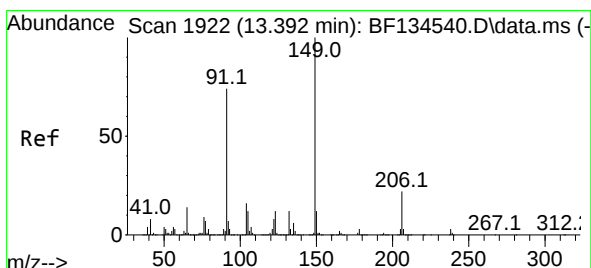
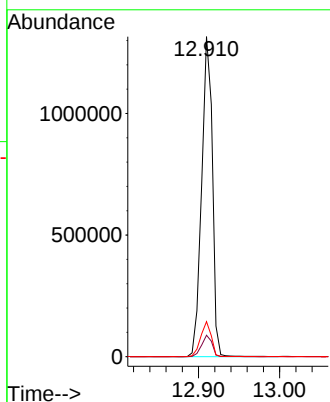
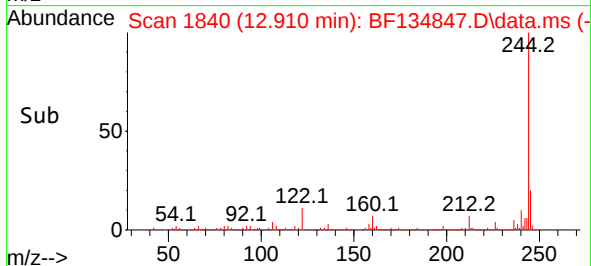
Instrument :
 BNA_F
 ClientSampleId :
 E-2MS



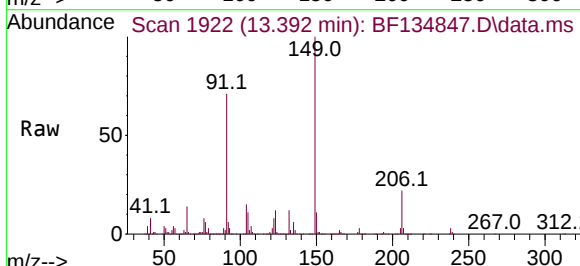
Tgt Ion:244 Resp: 1207045
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.9 8.0 12.0

Manual Integrations
 APPROVED

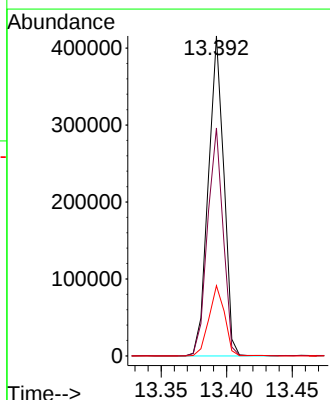
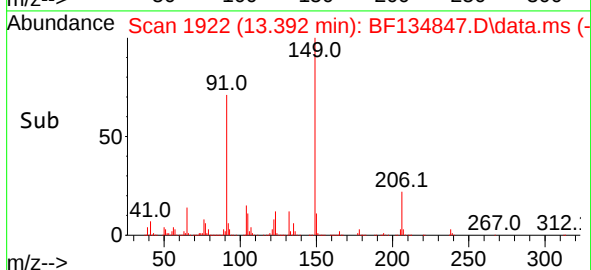
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

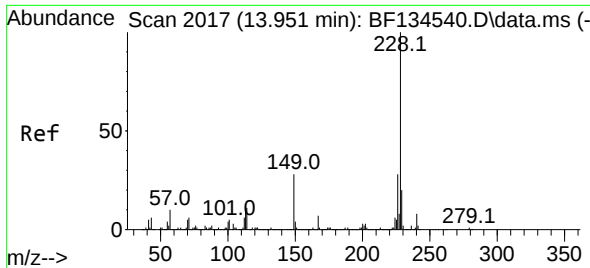


#80
 Butylbenzylphthalate
 Concen: 45.698 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF134847.D
 Acq: 18 Aug 2023 18:45



Tgt Ion:149 Resp: 339884
 Ion Ratio Lower Upper
 149 100
 91 71.2 55.8 83.6
 206 21.9 14.6 21.8#





#81
Benzo(a)anthracene
Concen: 44.157 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

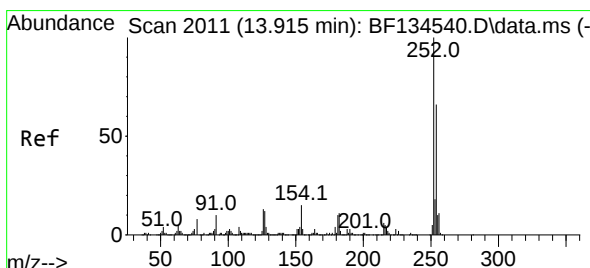
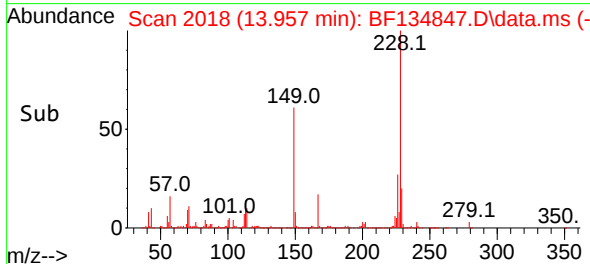
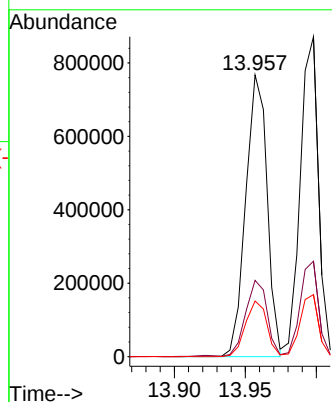
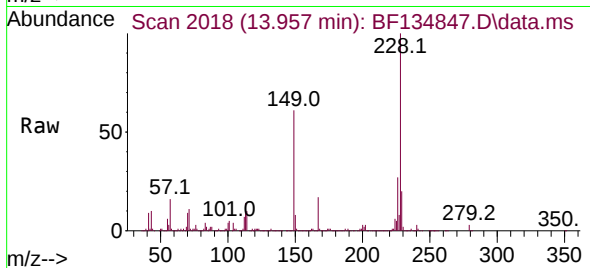
E-2MS

Tgt Ion:228 Resp: 802589
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.7 15.8 23.6

Manual Integrations

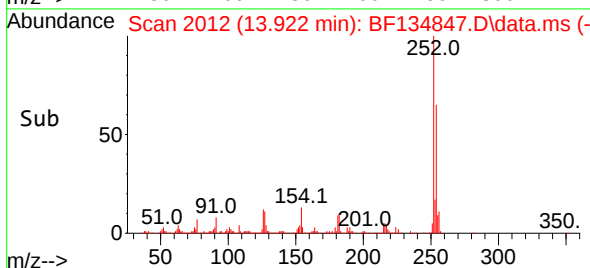
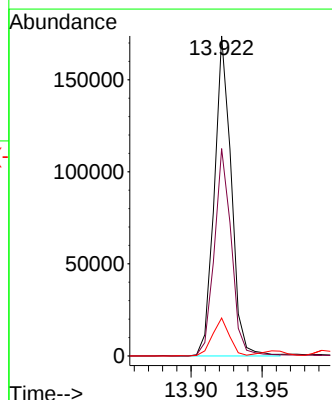
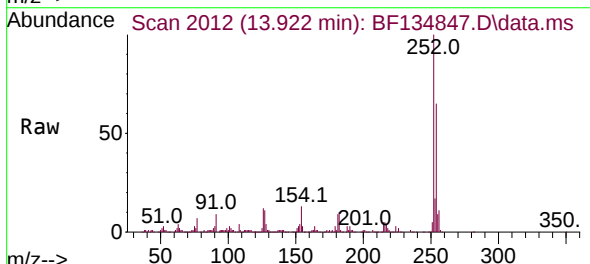
APPROVED

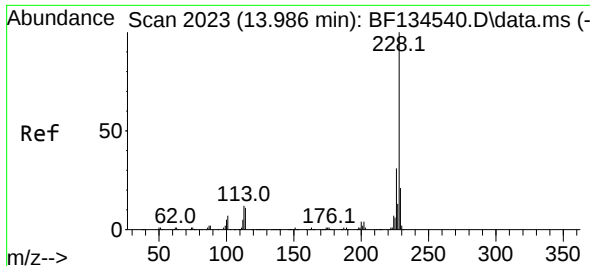
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.419 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

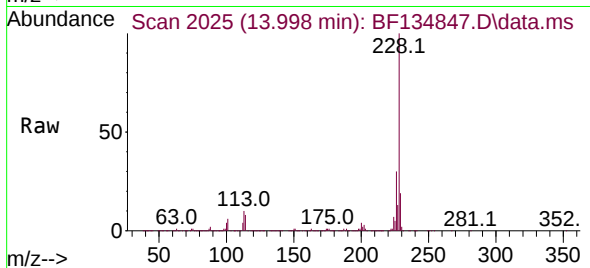
Tgt Ion:252 Resp: 144457
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 11.8 7.2 10.8#





#83
Chrysene
Concen: 44.080 ng
RT: 13.998 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

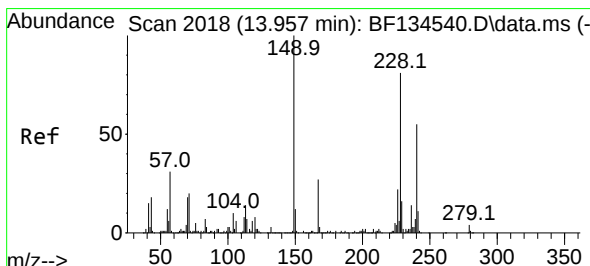
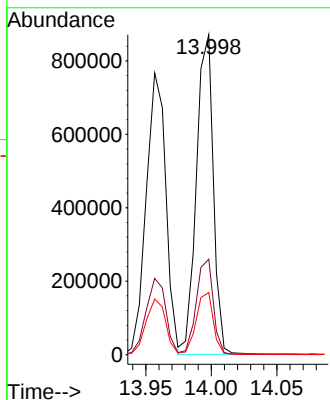
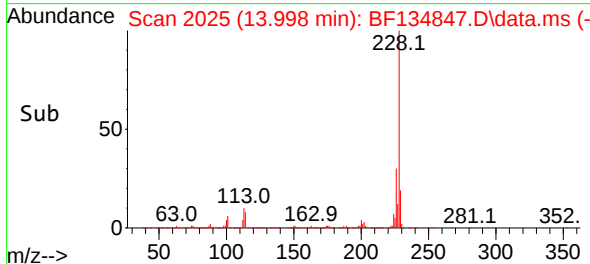
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:228 Resp: 78055
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 19.4 15.8 23.8

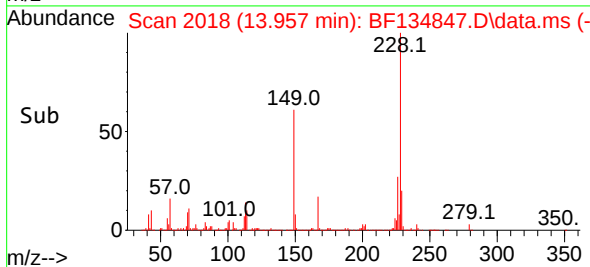
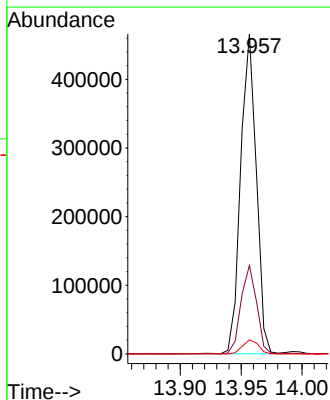
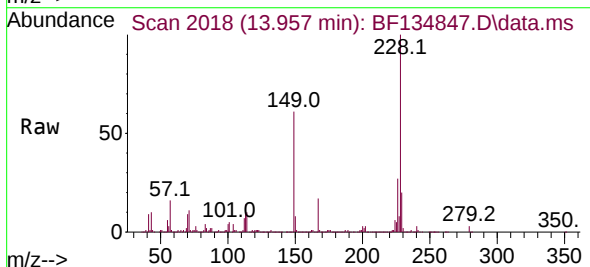
Manual Integrations
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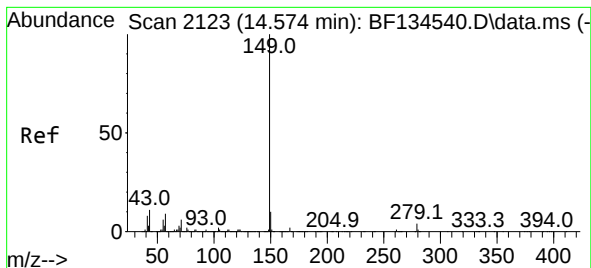
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.483 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion:149 Resp: 415601
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 61.089 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

Tgt Ion:149 Resp: 813092

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

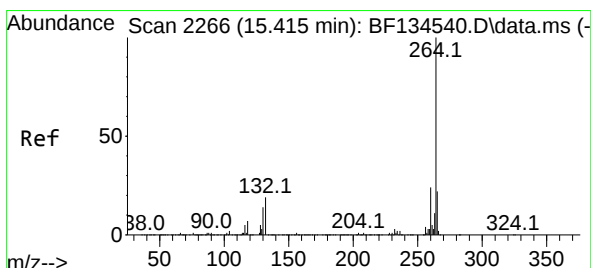
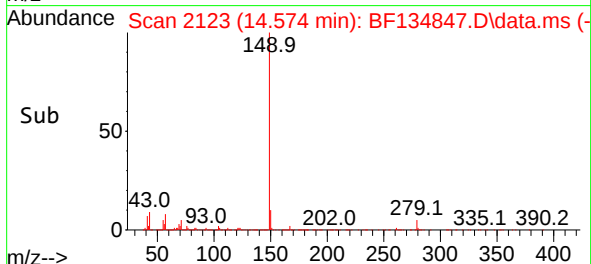
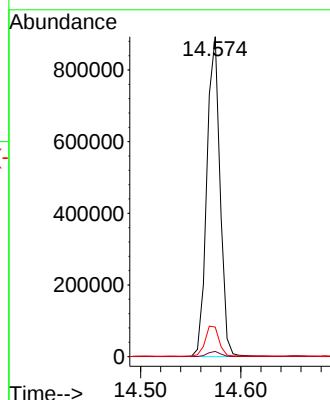
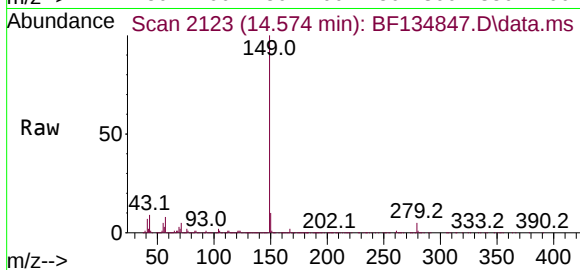
43 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134847.D

Acq: 18 Aug 2023 18:45

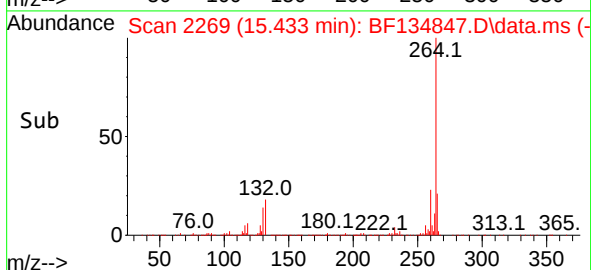
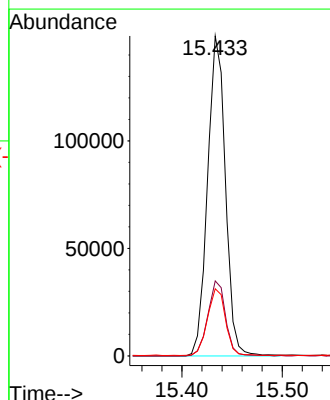
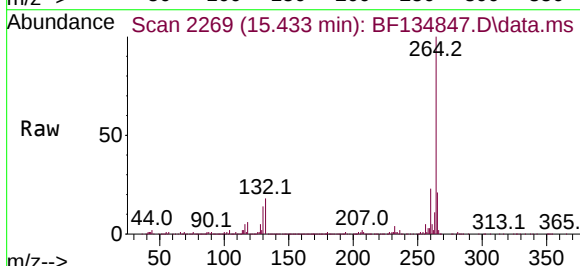
Tgt Ion:264 Resp: 183502

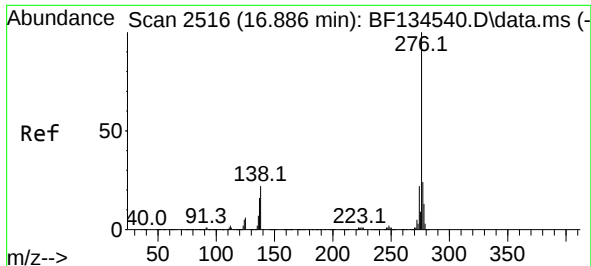
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.0 15.8 23.8





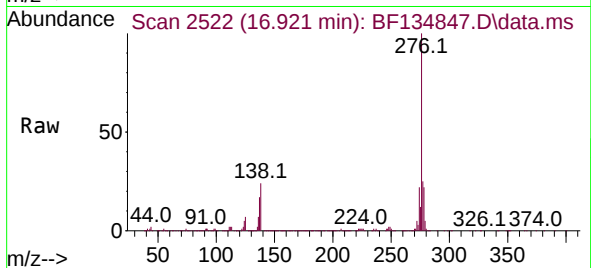
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.997 ng
RT: 16.921 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Instrument :

BNA_F

ClientSampleId :

E-2MS

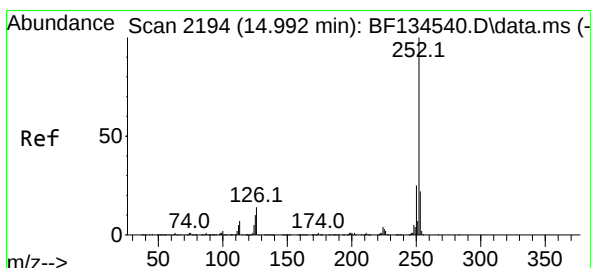
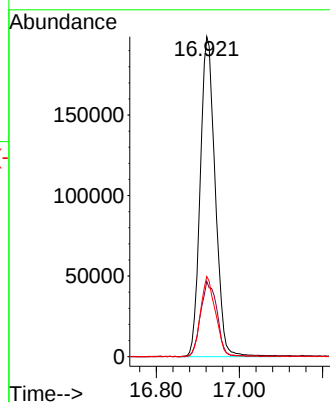
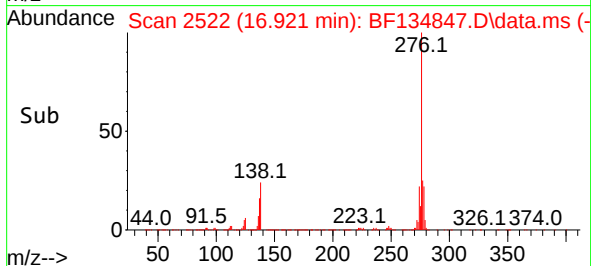


Tgt Ion:276 Resp: 496408
Ion Ratio Lower Upper
276 100
138 25.7 14.2 21.4
277 25.2 19.9 29.9

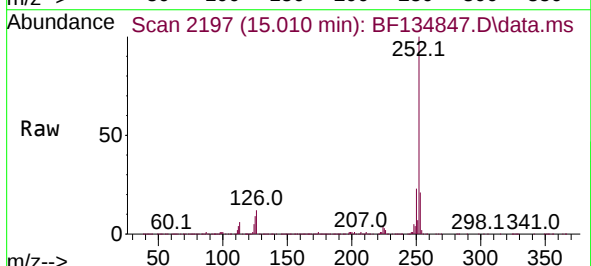
Manual Integrations

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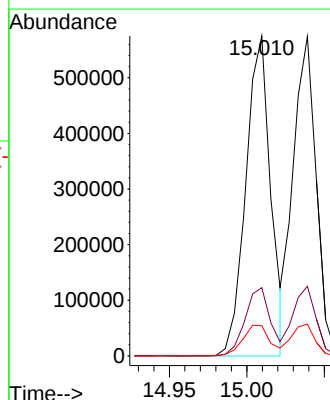
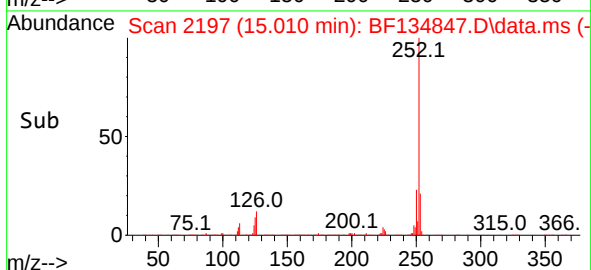
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

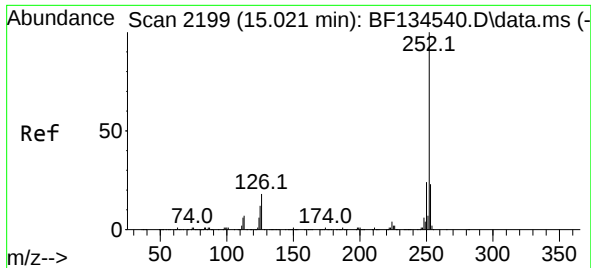


#88
Benzo(b)fluoranthene
Concen: 57.314 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45



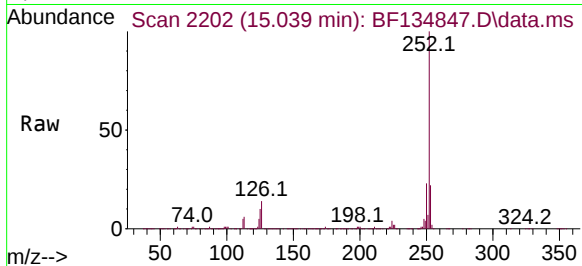
Tgt Ion:252 Resp: 641436
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.4 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 53.078 ng m
RT: 15.039 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

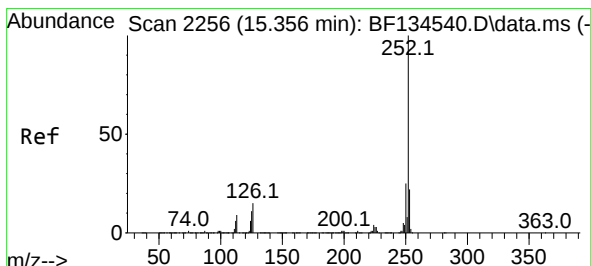
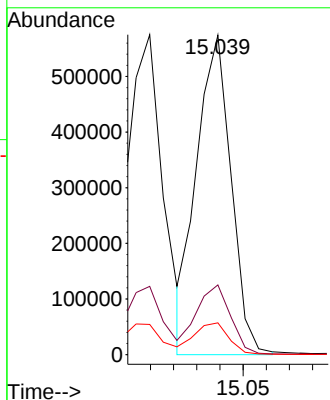
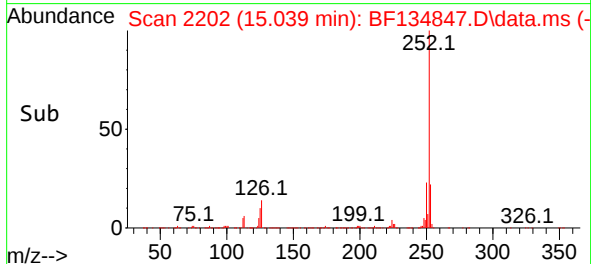
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion:252 Resp: 591754
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.0 6.3 9.5

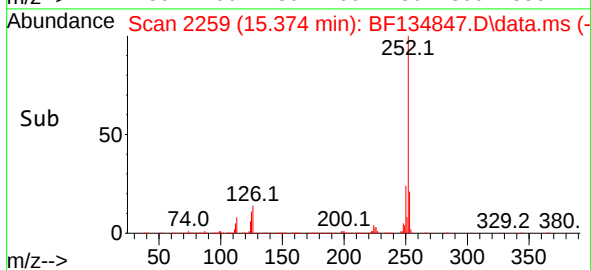
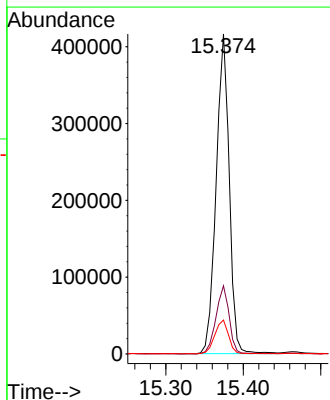
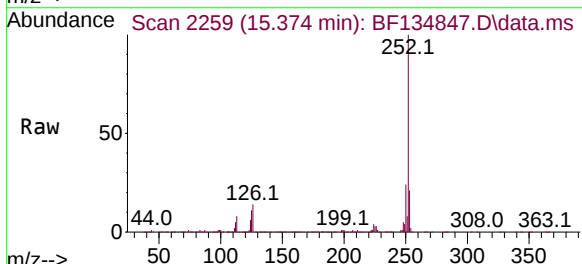
Manual Integrations
APPROVED

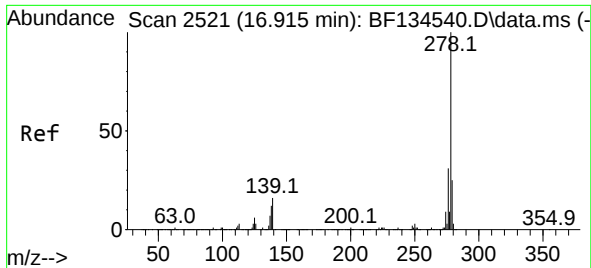
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#90
Benzo(a)pyrene
Concen: 46.661 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

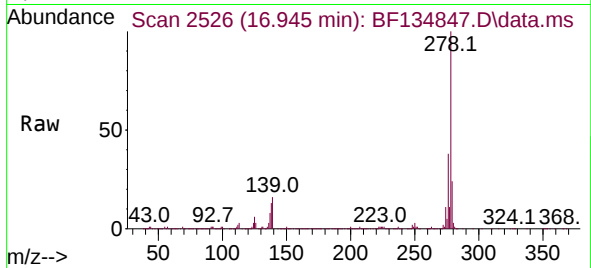
Tgt Ion:252 Resp: 486904
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 10.6 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 46.866 ng
RT: 16.945 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

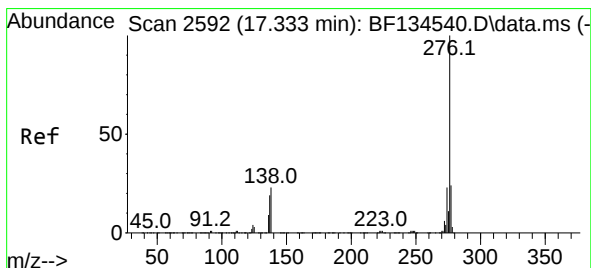
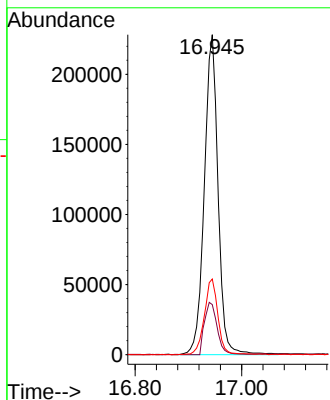
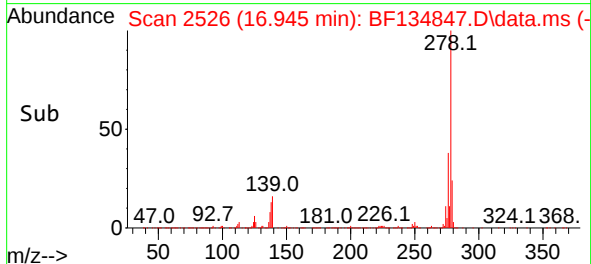
Instrument :
BNA_F
ClientSampleId :
E-2MS



Tgt Ion: 278 Resp: 40875
Ion Ratio Lower Upper
278 100
139 15.6 10.0 15.0
279 23.6 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/21/2023
Supervised By : mohammad ahmed 08/21/2023



#92
Benzo(g,h,i)perylene
Concen: 45.100 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF134847.D
Acq: 18 Aug 2023 18:45

Tgt Ion: 276 Resp: 401248
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 22.5 12.2 18.2

