

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134448.D
 Acq On : 25 Jul 2023 01:31
 Operator : CG\JU
 Sample : 03680-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:56:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	59339	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	199496	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113614	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	210751	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150091	20.000	ng	0.00
86) Perylene-d12	15.533	264	138621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	272198	75.789	ng	0.00
7) Phenol-d6	6.481	99	332900	75.653	ng	0.00
23) Nitrobenzene-d5	7.398	82	215531	54.661	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	105567	65.397	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	401569	46.401	ng	0.00
79) Terphenyl-d14	12.963	244	427467	49.717	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	63677	41.799	ng	98
3) Pyridine	3.440	79	148991	43.570	ng	96
4) n-Nitrosodimethylamine	3.410	42	106194	52.549	ng	94
6) Aniline	6.504	93	219479	42.320	ng	100
8) 2-Chlorophenol	6.622	128	181466	49.874	ng	97
9) Benzaldehyde	6.392	77	105000	44.558	ng	97
10) Phenol	6.492	94	241666	52.785	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	170502	53.346	ng	93
12) 1,3-Dichlorobenzene	6.775	146	205794	52.598	ng	98
13) 1,4-Dichlorobenzene	6.851	146	208916	51.886	ng	98
14) 1,2-Dichlorobenzene	7.004	146	202914	53.649	ng	97
15) Benzyl Alcohol	6.981	79	170460	50.173	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	259222	55.075	ng	99
17) 2-Methylphenol	7.092	107	158856	48.955	ng	99
18) Hexachloroethane	7.339	117	82652	53.431	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	139510	50.929	ng	99
20) 3+4-Methylphenols	7.245	107	198937	47.883	ng	96
22) Acetophenone	7.245	105	278451	56.123	ng	96
24) Nitrobenzene	7.422	77	213702	54.496	ng	98
25) Isophorone	7.657	82	314986	47.932	ng	99
26) 2-Nitrophenol	7.734	139	91093	50.506	ng	99
27) 2,4-Dimethylphenol	7.775	122	142713	50.141	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	179128	48.972	ng	98
29) 2,4-Dichlorophenol	7.975	162	139124	48.896	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	155645	50.713	ng	99
31) Naphthalene	8.133	128	475342	47.876	ng	99
32) Benzoic acid	7.904	122	89497	47.074	ng	# 80
33) 4-Chloroaniline	8.186	127	84889	20.684	ng	96
34) Hexachlorobutadiene	8.245	225	100599	48.928	ng	94
35) Caprolactam	8.569	113	46805m	53.798	ng	
36) 4-Chloro-3-methylphenol	8.681	107	164884	50.223	ng	96
37) 2-Methylnaphthalene	8.828	142	366825	53.174	ng	100
38) 1-Methylnaphthalene	8.928	142	343390	53.656	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	181540	50.422	ng	98
41) Hexachlorocyclopentadiene	8.975	237	147751	104.986	ng	90
43) 2,4,6-Trichlorophenol	9.110	196	114182	49.435	ng	97

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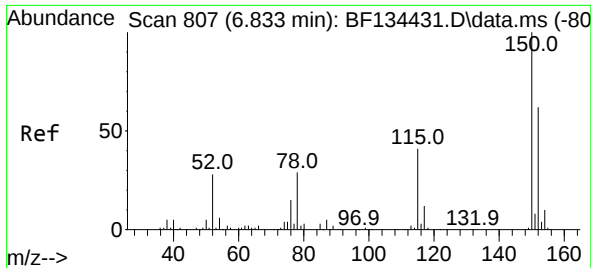
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	119146	44.275	ng	97
46) 1,1'-Biphenyl	9.292	154	461116	49.244	ng	99
47) 2-Chloronaphthalene	9.316	162	334753	48.491	ng	98
48) 2-Nitroaniline	9.422	65	124122	49.925	ng	99
49) Acenaphthylene	9.733	152	551707	47.306	ng	99
50) Dimethylphthalate	9.598	163	424565	50.410	ng	99
51) 2,6-Dinitrotoluene	9.663	165	88922	48.117	ng	97
52) Acenaphthene	9.910	154	328682	47.708	ng	98
53) 3-Nitroaniline	9.833	138	73940	34.897	ng	87
54) 2,4-Dinitrophenol	9.951	184	56810	60.352	ng	96
55) Dibenzofuran	10.080	168	501267	47.274	ng	99
56) 4-Nitrophenol	10.010	139	128357	113.599	ng	95
57) 2,4-Dinitrotoluene	10.075	165	122795	49.471	ng	94
58) Fluorene	10.427	166	363830	42.533	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	91033m	44.029	ng	
60) Diethylphthalate	10.298	149	405628	46.518	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	173334	42.418	ng	99
62) 4-Nitroaniline	10.457	138	82766	38.074	ng	96
63) Azobenzene	10.575	77	339856	42.343	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	50281	41.592	ng	95
66) n-Nitrosodiphenylamine	10.539	169	314101	46.845	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	125464	54.335	ng	96
68) Hexachlorobenzene	10.975	284	144261	55.480	ng	98
69) Atrazine	11.069	200	123265	65.938	ng	99
70) Pentachlorophenol	11.174	266	118733	108.807	ng	98
71) Phenanthrene	11.392	178	532583	48.367	ng	99
72) Anthracene	11.445	178	549677	48.366	ng	99
73) Carbazole	11.604	167	585748	54.732	ng	99
74) Di-n-butylphthalate	11.927	149	641820	52.243	ng	99
75) Fluoranthene	12.592	202	585623	45.634	ng	100
77) Benzidine	12.716	184	277607	86.624	ng	98
78) Pyrene	12.821	202	599771	50.257	ng	99
80) Butylbenzylphthalate	13.439	149	242456	50.719	ng	99
81) Benzo(a)anthracene	14.021	228	496829	47.445	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	110380	33.281	ng	97
83) Chrysene	14.057	228	460027	45.930	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	300212	51.693	ng	99
85) Di-n-octyl phthalate	14.621	149	443893	55.000	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	508520	56.152	ng	99
88) Benzo(b)fluoranthene	15.092	252	419975	48.428	ng	98
89) Benzo(k)fluoranthene	15.121	252	426418	49.999	ng	99
90) Benzo(a)pyrene	15.474	252	376036	46.911	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	420035	57.432	ng	98
92) Benzo(g,h,i)perylene	17.562	276	411999	54.863	ng	99

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



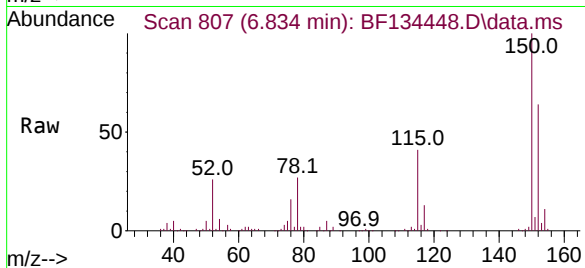
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

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TP-3MSD

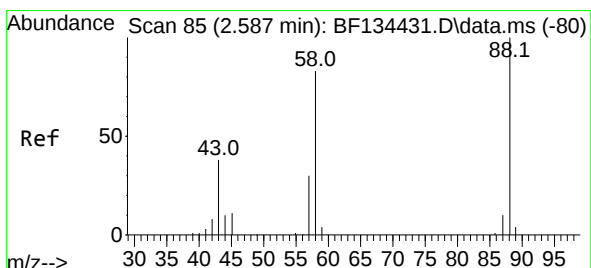
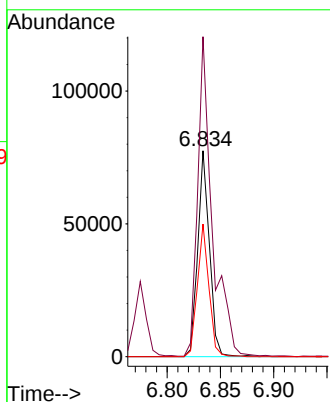
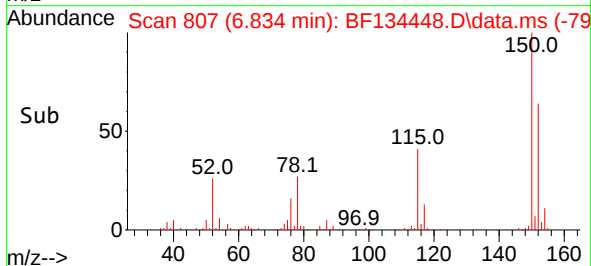


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 Ion Ratio Lower Upper
 152 100
 150 155.4 128.3 192.5
 115 64.5 52.4 78.6

Manual Integrations

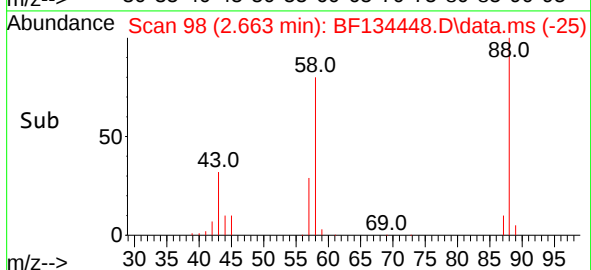
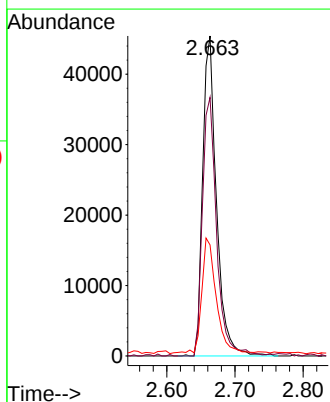
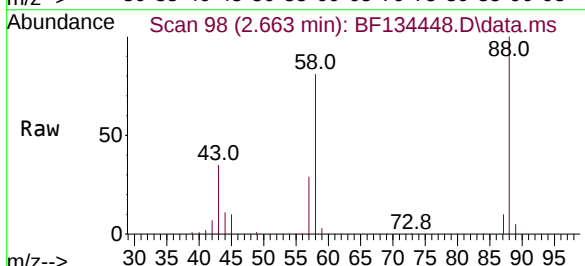
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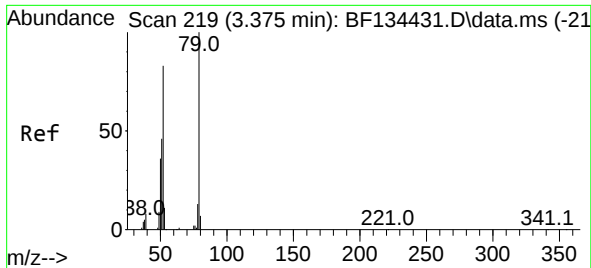
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#2
 1,4-Dioxane
 Concen: 41.799 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.077 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Tgt Ion: 88 Resp: 63677
 Ion Ratio Lower Upper
 88 100
 58 83.6 65.1 97.7
 43 37.0 30.3 45.5





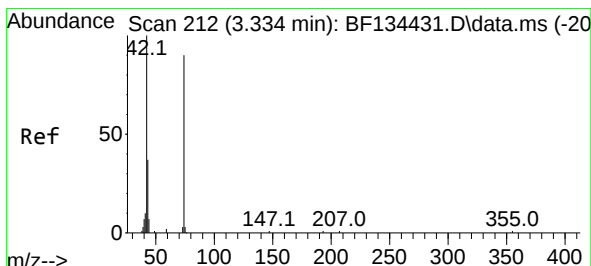
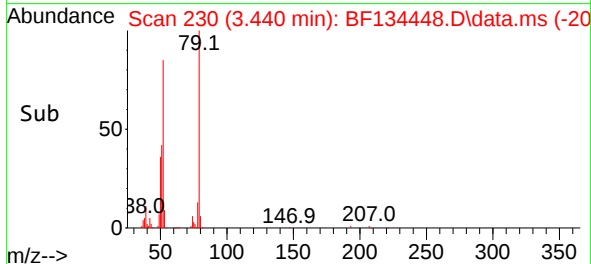
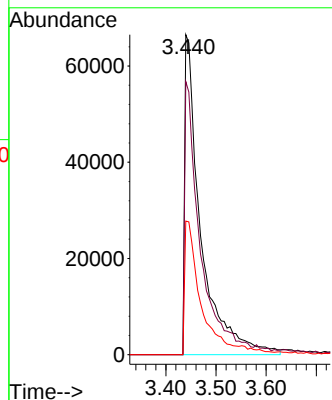
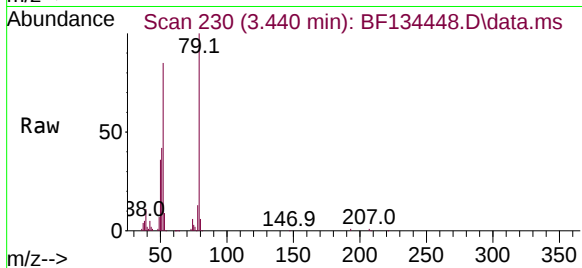
#3
Pyridine
Concen: 43.570 ng
RT: 3.440 min Scan# 219
Delta R.T. 0.065 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 79 Resp: 14899
Ion Ratio Lower Upper
79 100
52 85.3 66.6 100.0
51 41.7 36.5 54.7

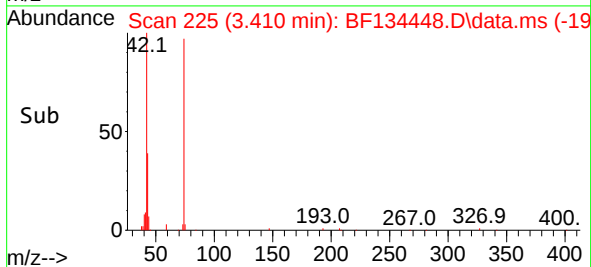
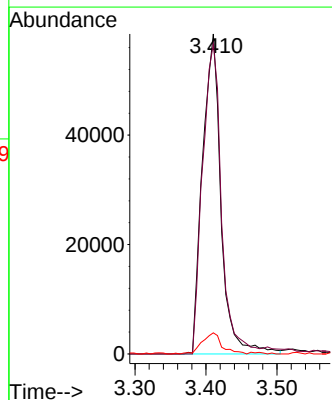
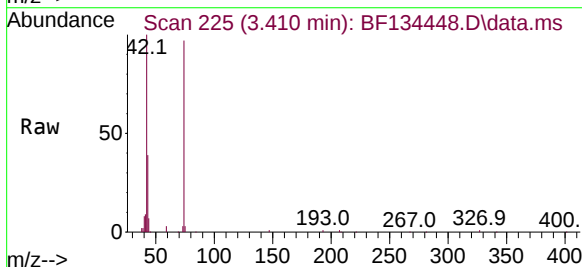
Manual Integrations
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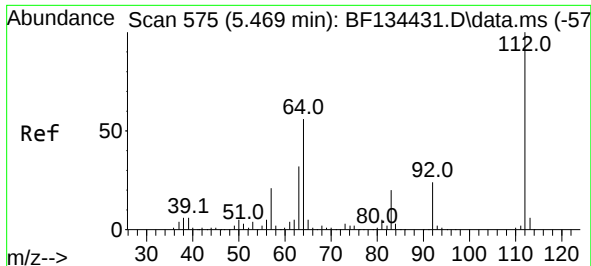
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#4
n-Nitrosodimethylamine
Concen: 52.549 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.077 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion: 42 Resp: 106194
Ion Ratio Lower Upper
42 100
74 96.8 72.2 108.4
44 6.6 5.4 8.0





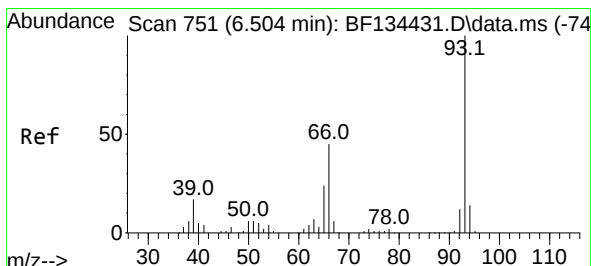
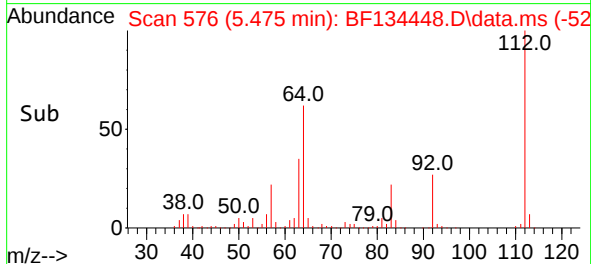
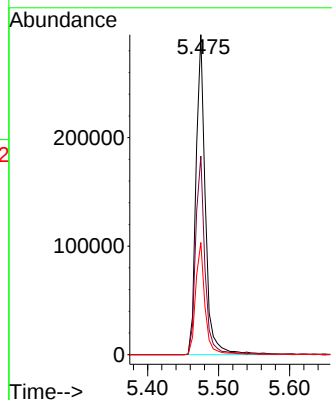
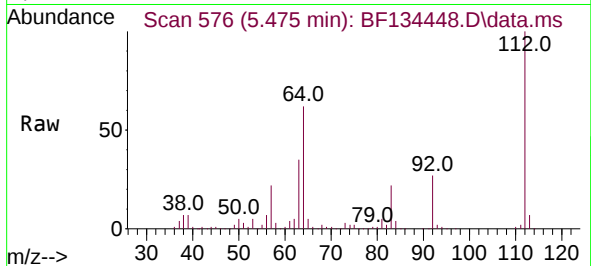
#5
2-Fluorophenol
Concen: 75.789 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
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ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 272198
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 35.0 25.4 38.0

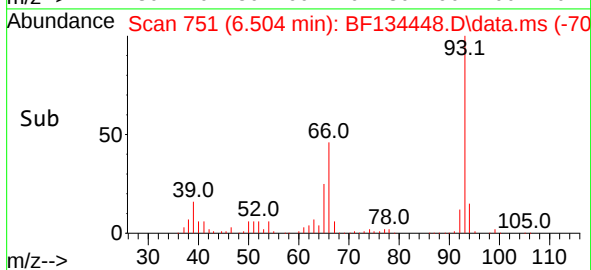
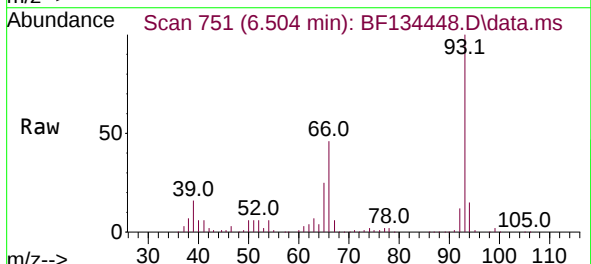
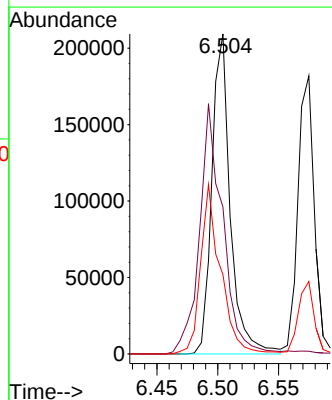
Manual Integrations
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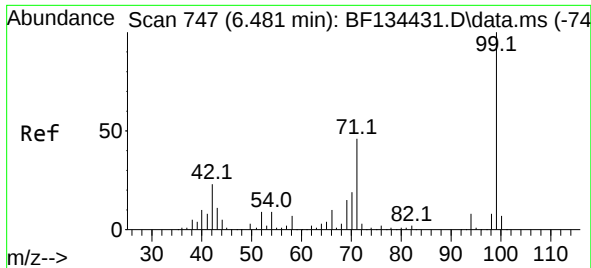
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#6
Aniline
Concen: 42.320 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

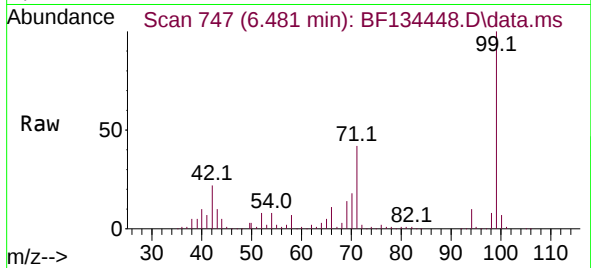
Tgt Ion: 93 Resp: 219479
Ion Ratio Lower Upper
93 100
66 46.0 36.8 55.2
65 24.8 19.4 29.0





#7
Phenol-d6
Concen: 75.653 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

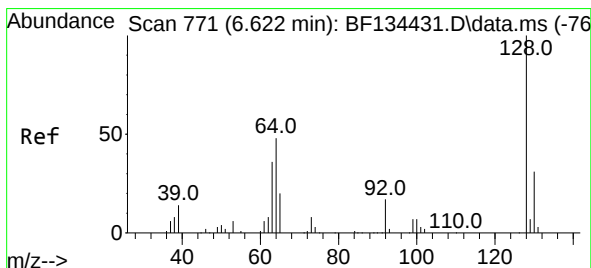
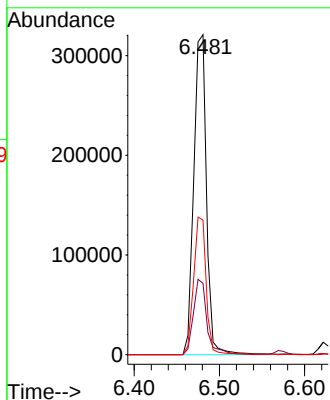
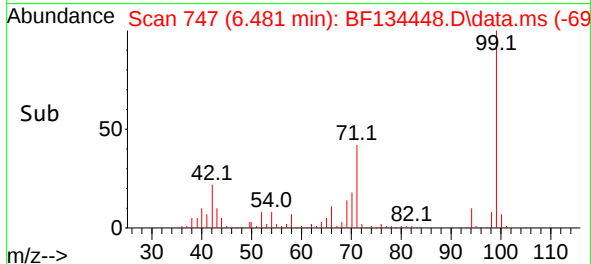
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 332900
Ion Ratio Lower Upper
99 100
42 22.3 18.7 28.1
71 42.0 36.4 54.6

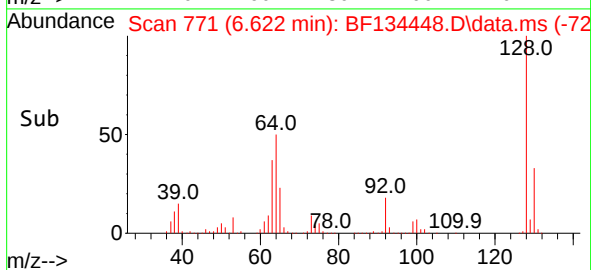
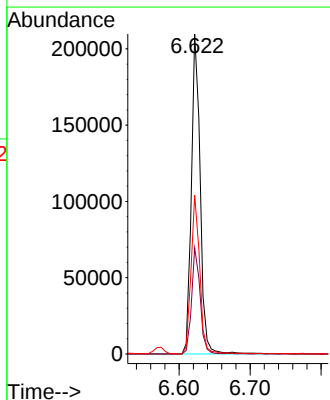
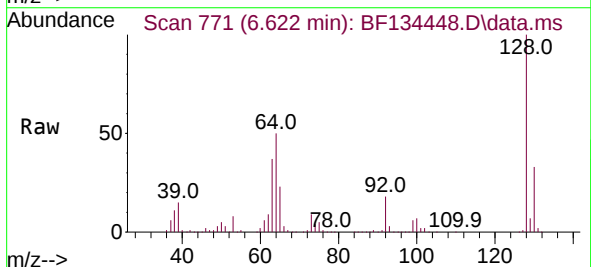
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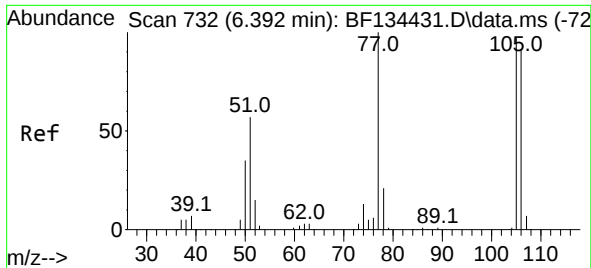
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#8
2-Chlorophenol
Concen: 49.874 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

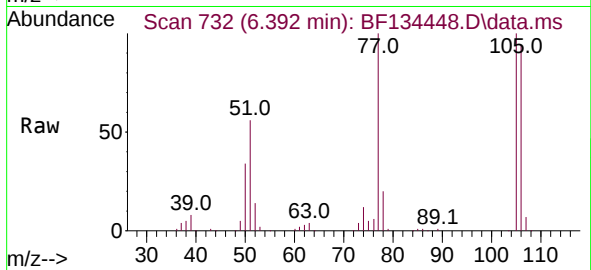
Tgt Ion:128 Resp: 181466
Ion Ratio Lower Upper
128 100
130 33.1 11.1 51.1
64 49.6 31.9 71.9





#9
Benzaldehyde
Concen: 44.558 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

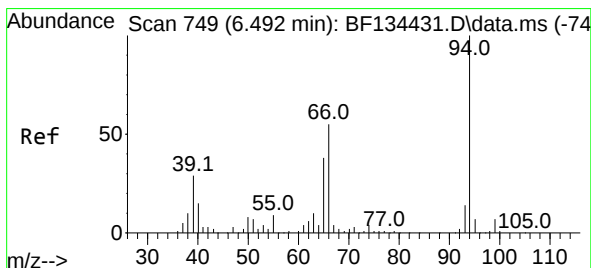
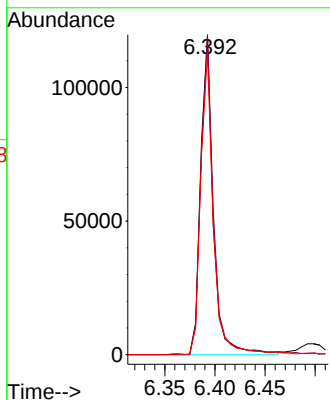
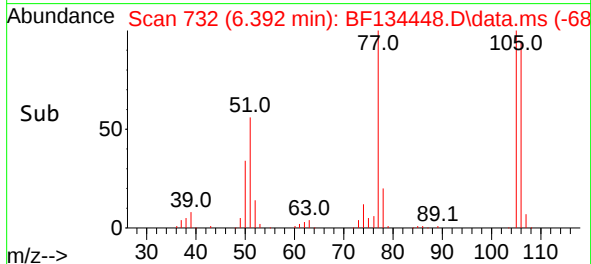
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 77 Resp: 105000
Ion Ratio Lower Upper
77 100
105 100.2 77.1 117.1
106 94.4 71.4 111.4

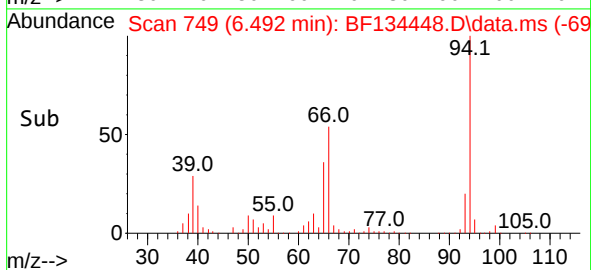
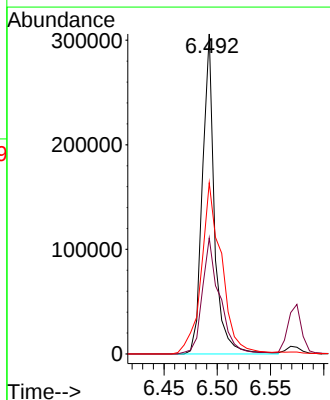
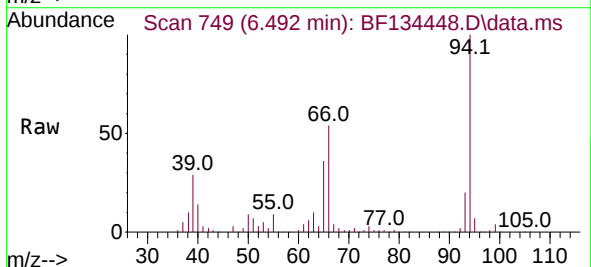
Manual Integrations
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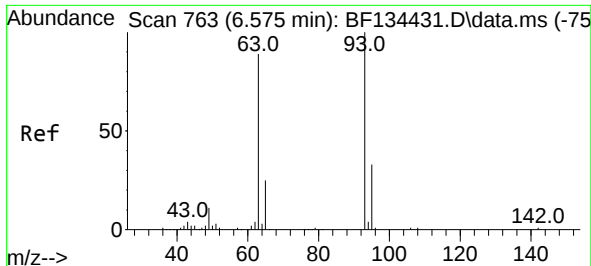
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Phenol
Concen: 52.785 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

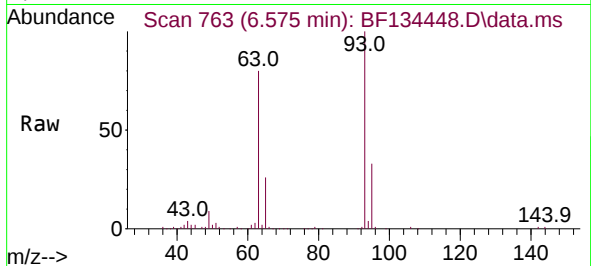
Tgt Ion: 94 Resp: 241666
Ion Ratio Lower Upper
94 100
65 36.2 17.8 57.8
66 53.5 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 53.346 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

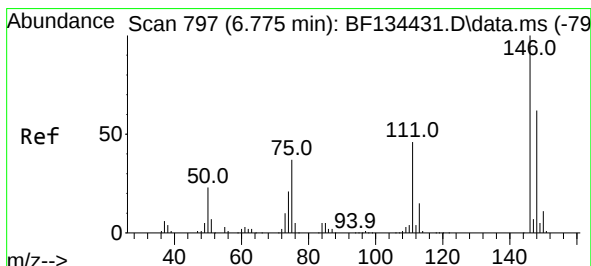
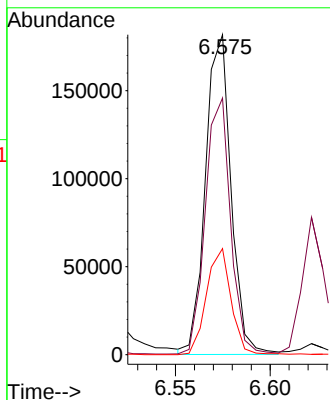
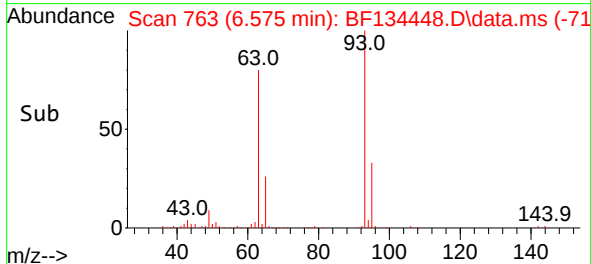
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 93 Resp: 170502
Ion Ratio Lower Upper
93 100
63 80.2 68.4 108.4
95 33.2 12.4 52.4

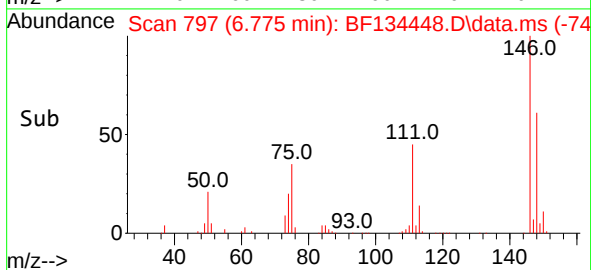
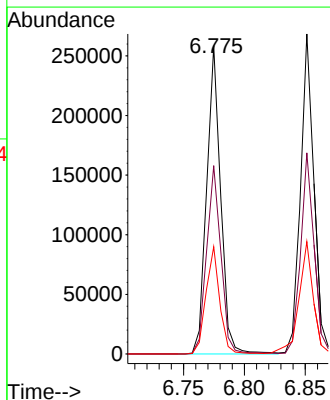
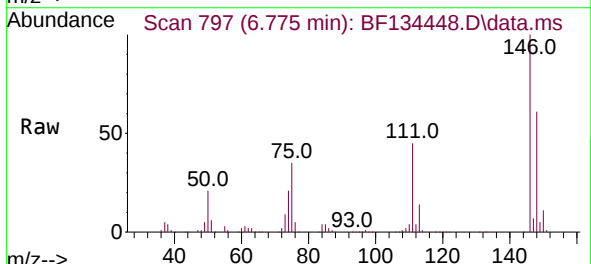
Manual Integrations
APPROVED

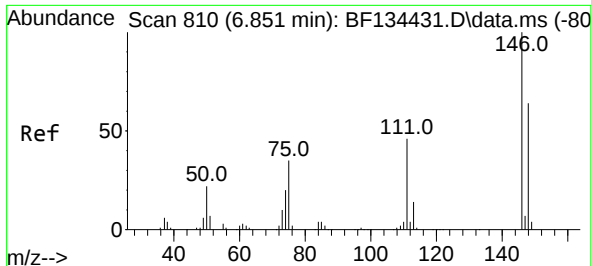
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
1,3-Dichlorobenzene
Concen: 52.598 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:146 Resp: 205794
Ion Ratio Lower Upper
146 100
148 61.1 49.7 74.5
75 34.8 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 51.886 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

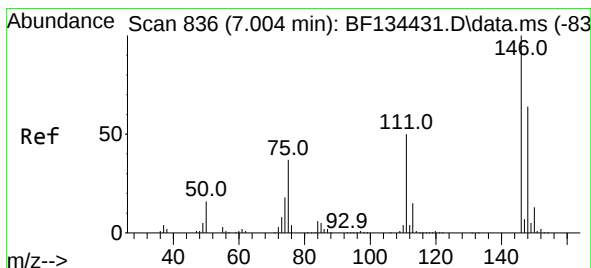
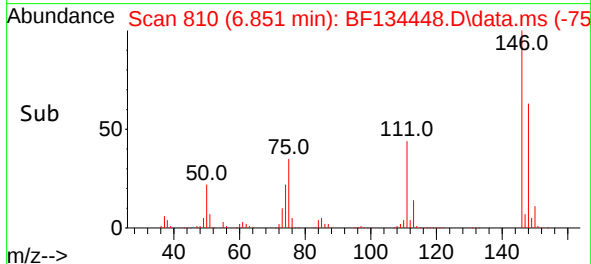
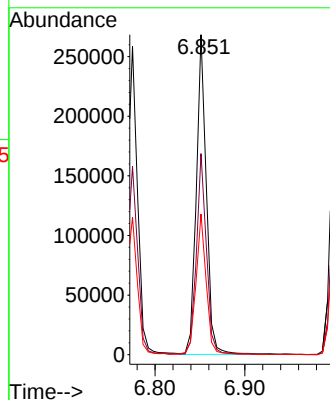
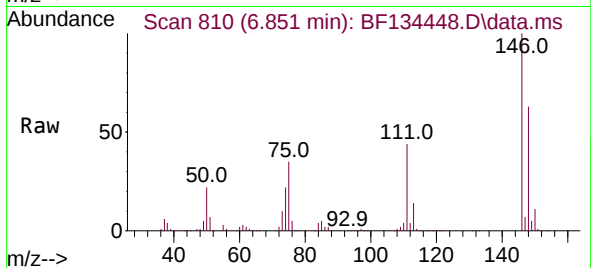
Tgt Ion:146 Resp: 208910
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 43.9 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#14

1,2-Dichlorobenzene

Concen: 53.649 ng

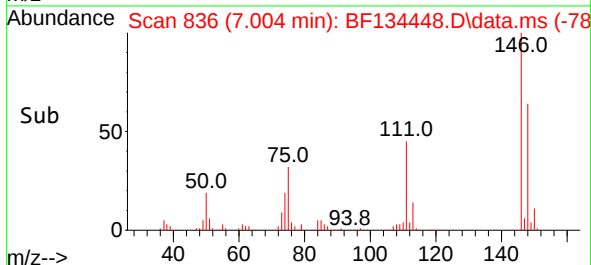
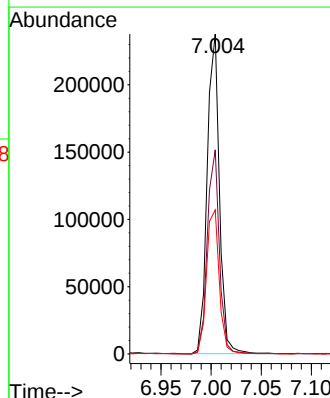
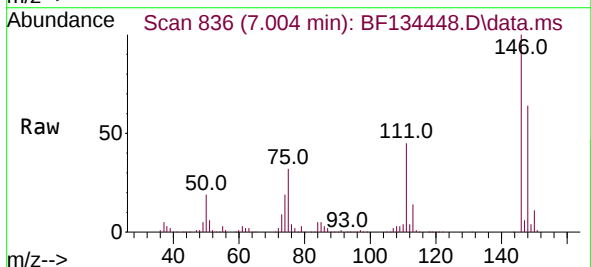
RT: 7.004 min Scan# 836

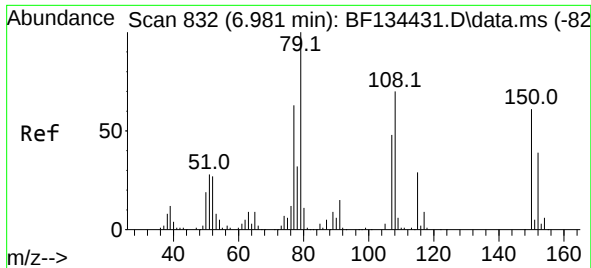
Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

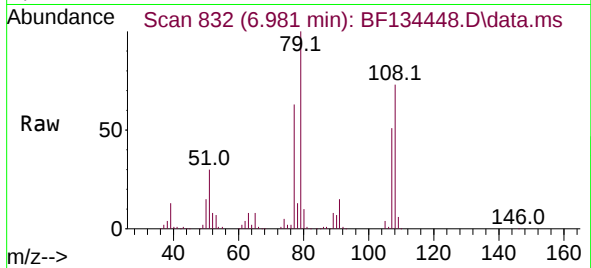
Tgt Ion:146 Resp: 202914
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.2 76.8
 111 45.0 39.9 59.9





#15
Benzyl Alcohol
Concen: 50.173 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

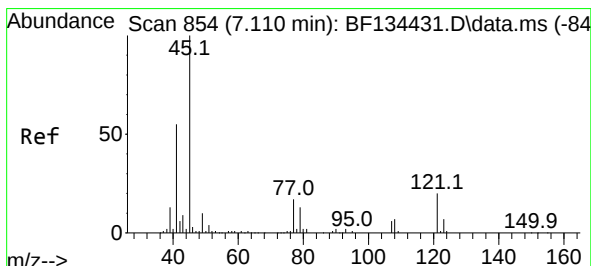
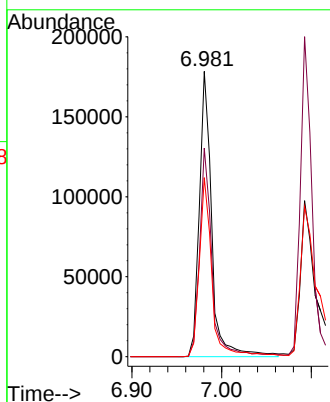
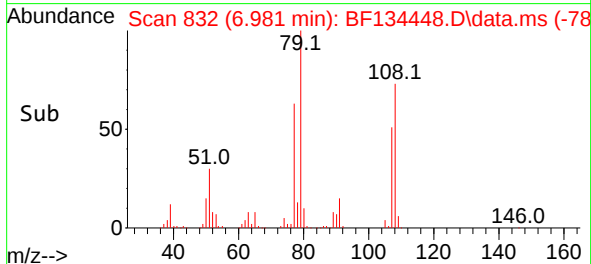
Instrument :
BNA_F
Client SampleId :
TP-3MSD



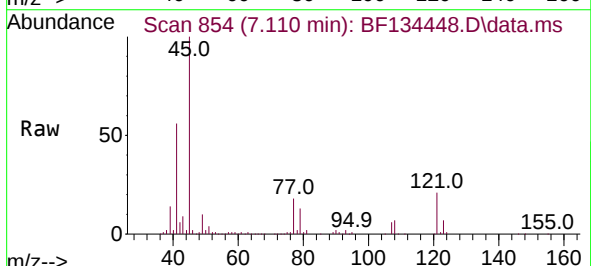
Tgt Ion: 79 Resp: 170460
Ion Ratio Lower Upper
79 100
108 73.1 56.3 84.5
77 62.8 50.6 76.0

Manual Integrations
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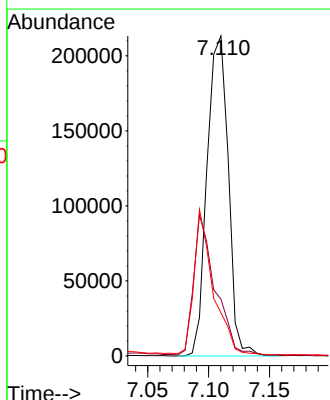
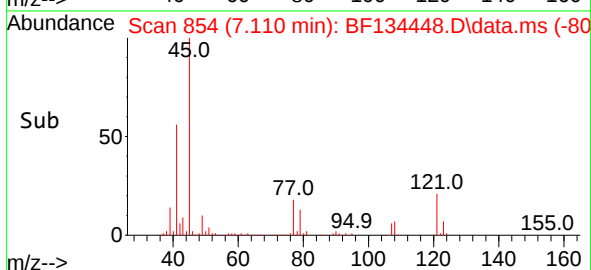
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

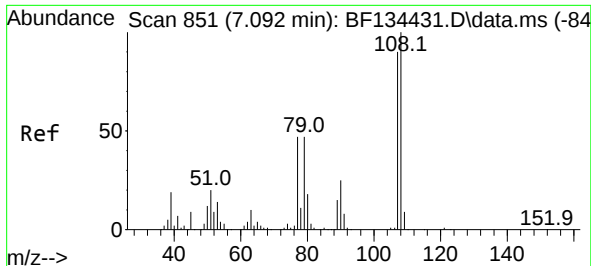


#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.075 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



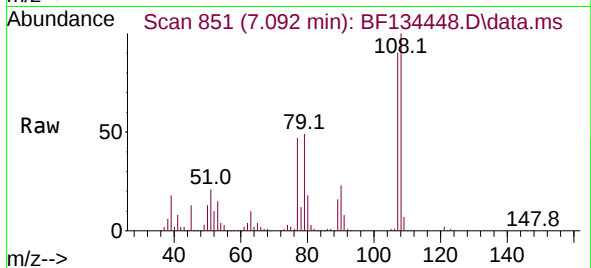
Tgt Ion: 45 Resp: 259222
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.8
79 13.5 0.0 34.5





#17
2-Methylphenol
Concen: 48.955 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

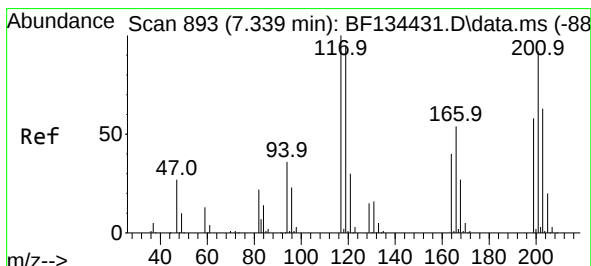
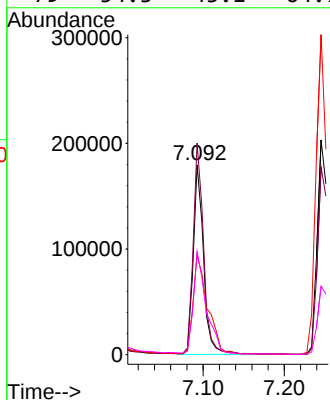
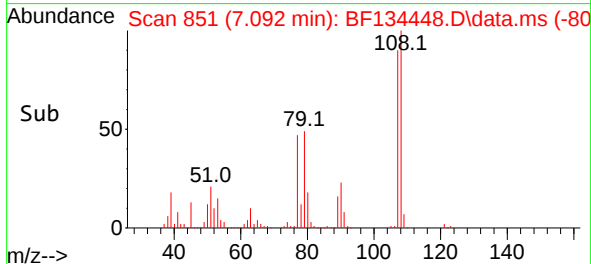
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:107 Resp: 158850
Ion Ratio Lower Upper
107 100
108 111.4 89.4 134.2
77 52.3 42.4 63.6
79 54.3 43.1 64.7

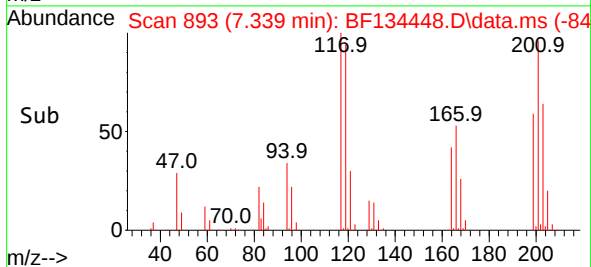
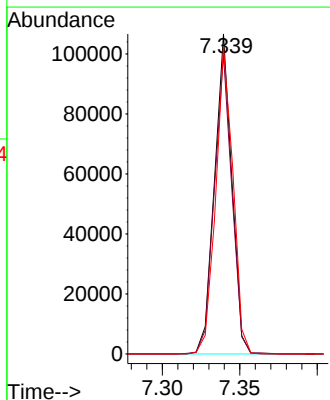
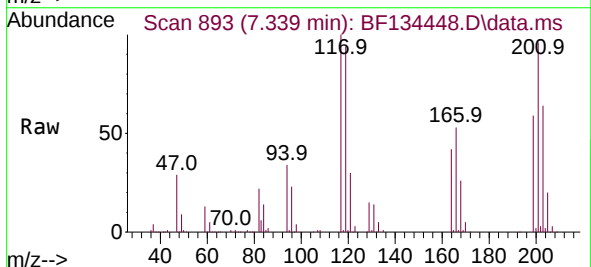
Manual Integrations
APPROVED

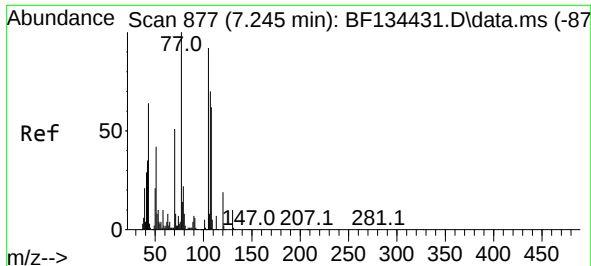
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#18
Hexachloroethane
Concen: 53.431 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

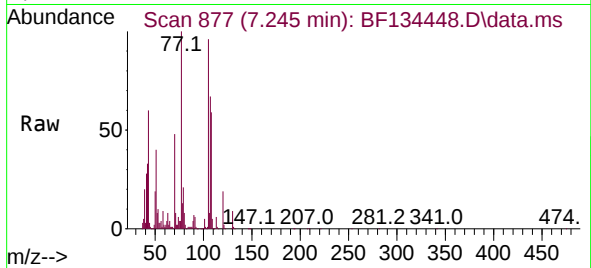
Tgt Ion:117 Resp: 82652
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
201 96.0 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.929 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

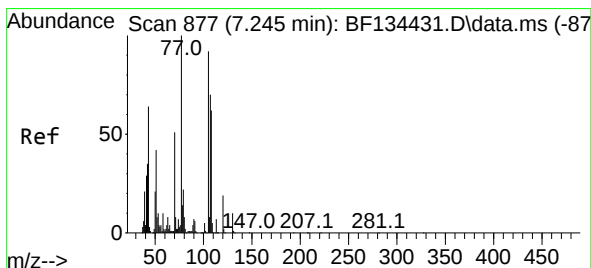
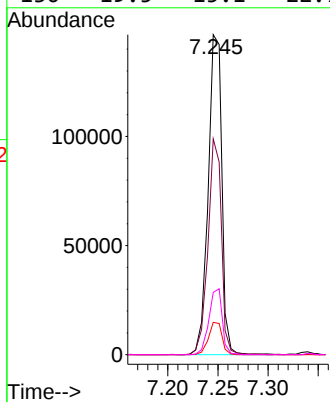
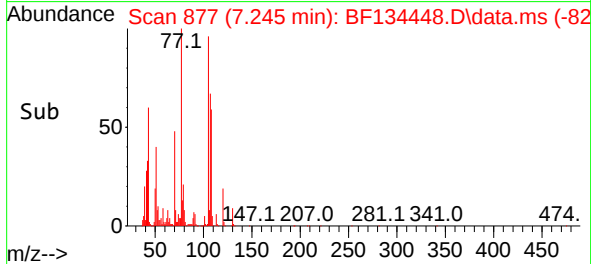
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



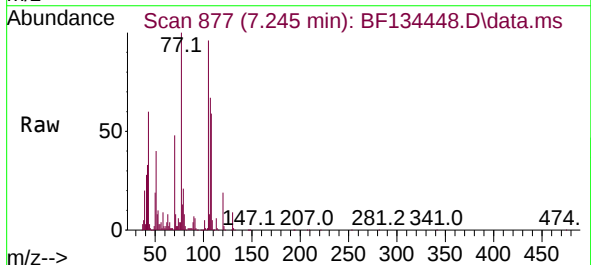
Tgt Ion: 70 Resp: 139510
Ion Ratio Lower Upper
70 100
42 67.5 54.7 82.1
101 10.1 8.2 12.2
130 19.5 15.1 22.7

Manual Integrations
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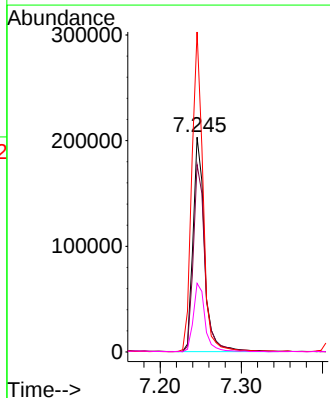
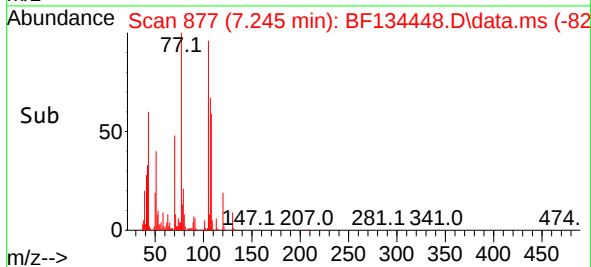
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

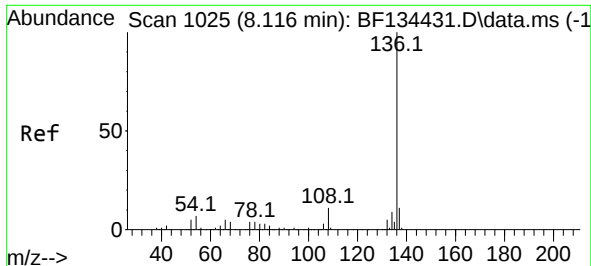


#20
3+4-Methylphenols
Concen: 47.883 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



Tgt Ion:107 Resp: 198937
Ion Ratio Lower Upper
107 100
108 87.2 68.1 108.1
77 149.0 122.1 162.1
79 31.9 11.0 51.0





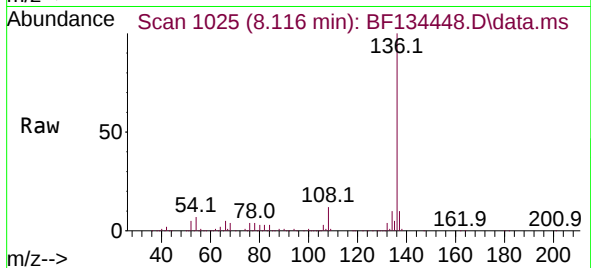
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



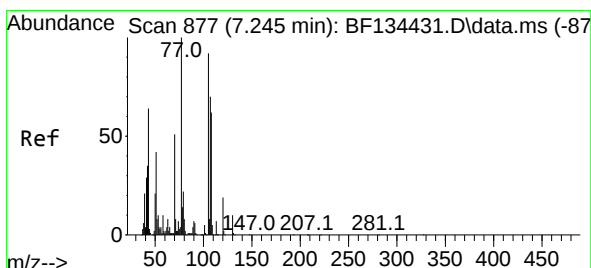
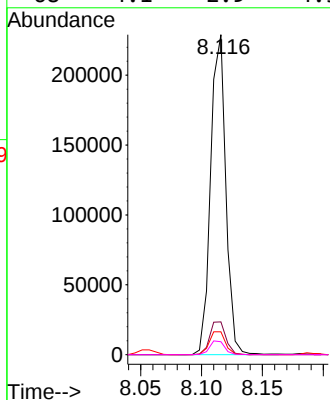
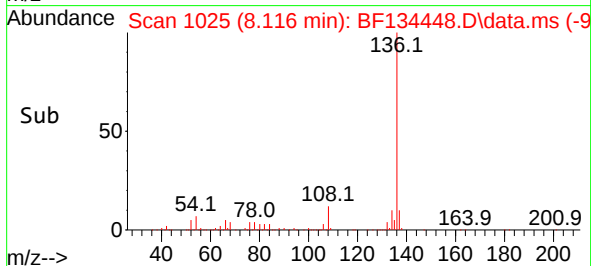
Tgt Ion:136 Resp: 199490
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 7.1 5.2 7.8
68 4.1 2.9 4.3

Manual Integrations

APPROVED

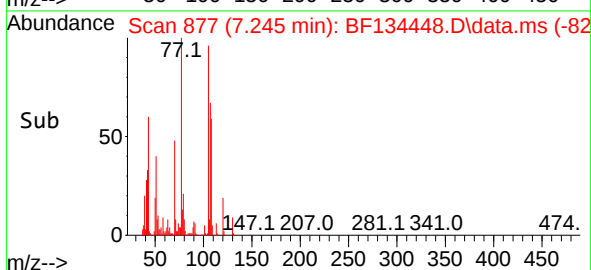
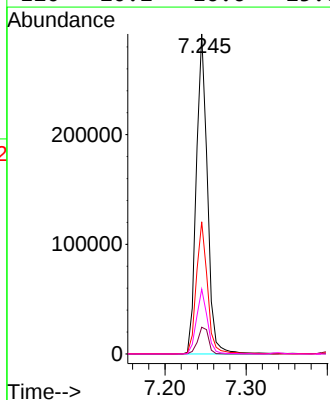
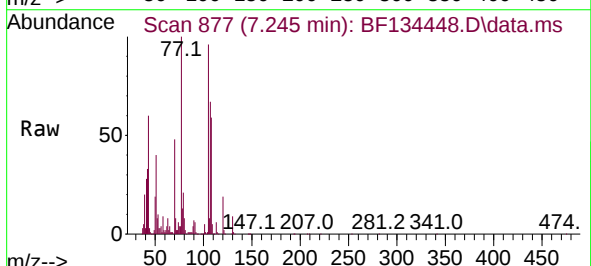
Reviewed By :Yogesh Patel 07/25/2023

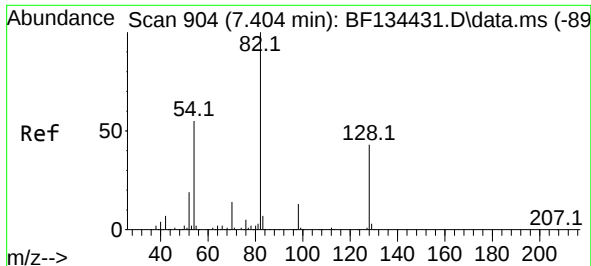
Supervised By :mohammad ahmed 07/25/2023



#22
Acetophenone
Concen: 56.123 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:105 Resp: 278451
Ion Ratio Lower Upper
105 100
71 8.4 7.4 11.0
51 41.3 36.4 54.6
120 20.2 16.6 25.0





#23

Nitrobenzene-d5

Concen: 54.661 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 82 Resp: 21553

Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

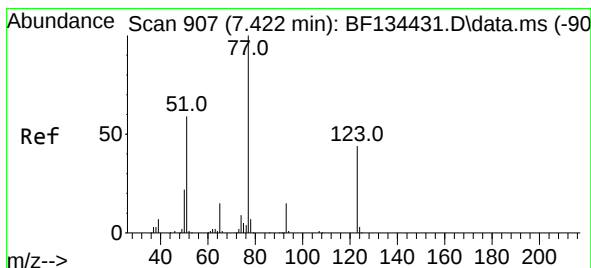
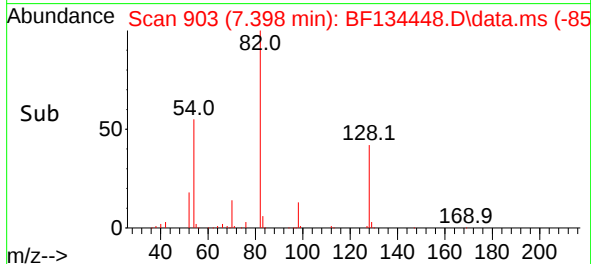
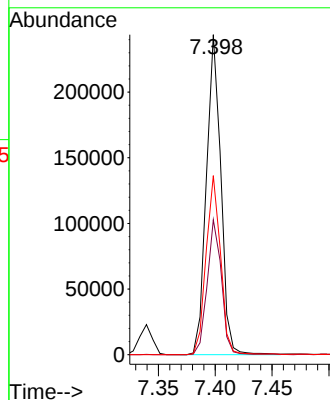
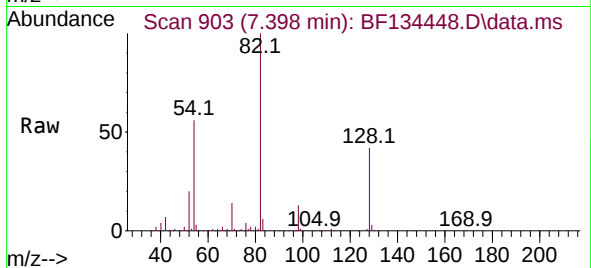
54 56.0 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#24

Nitrobenzene

Concen: 54.496 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

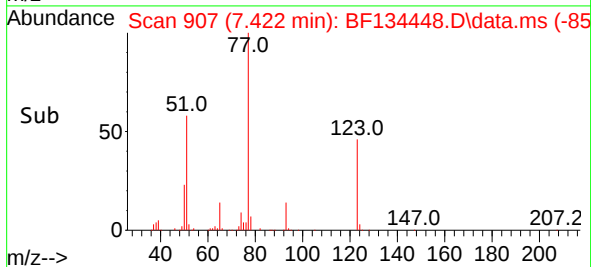
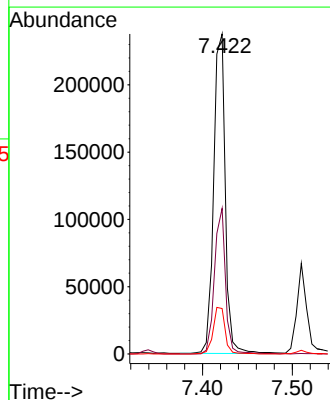
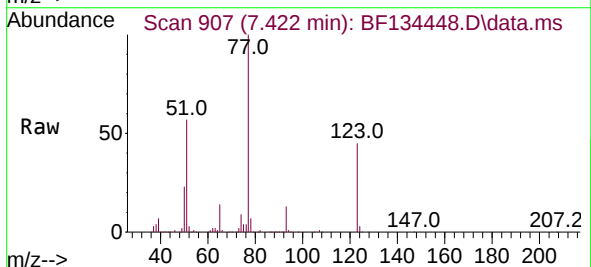
Tgt Ion: 77 Resp: 213702

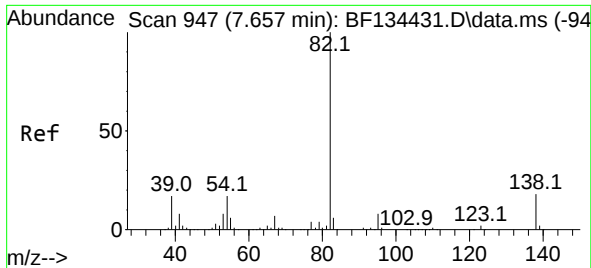
Ion Ratio Lower Upper

77 100

123 45.5 35.5 53.3

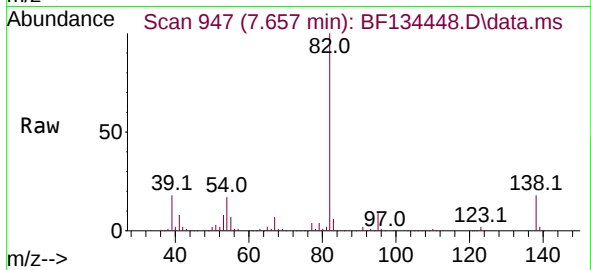
65 14.2 11.9 17.9





#25
Isophorone
Concen: 47.932 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

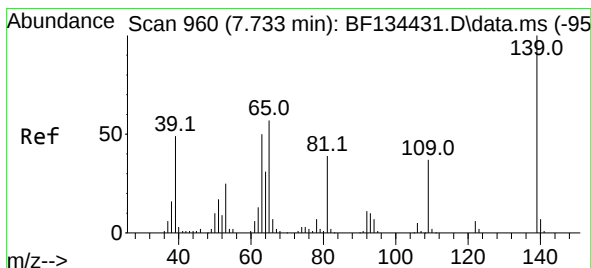
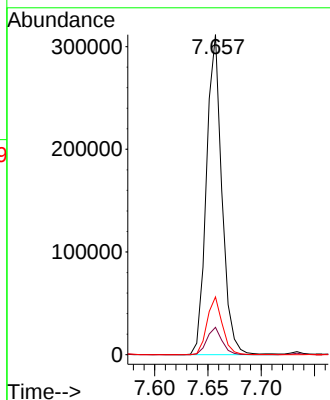
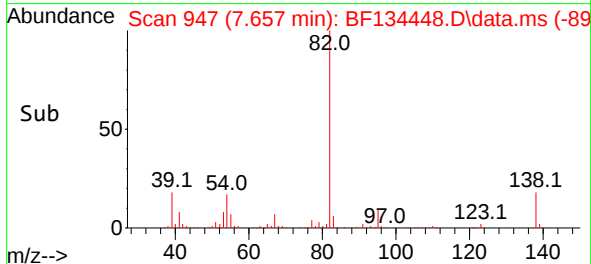
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 82 Resp: 314980
Ion Ratio Lower Upper
82 100
95 8.6 6.0 9.0
138 18.0 14.6 22.0

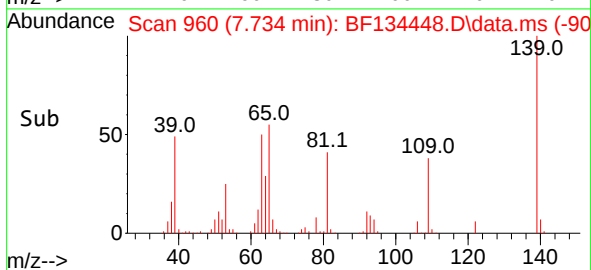
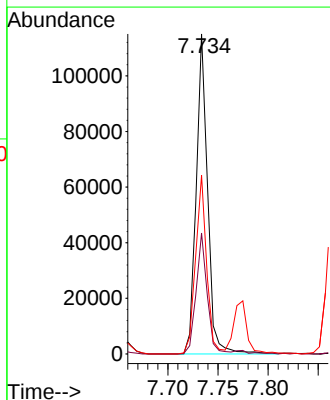
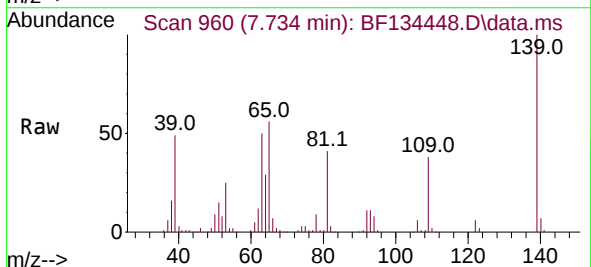
Manual Integrations
APPROVED

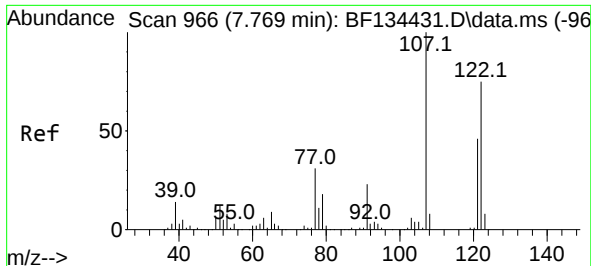
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 50.506 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:139 Resp: 91093
Ion Ratio Lower Upper
139 100
109 37.8 29.8 44.6
65 55.8 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 50.141 ng

RT: 7.775 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

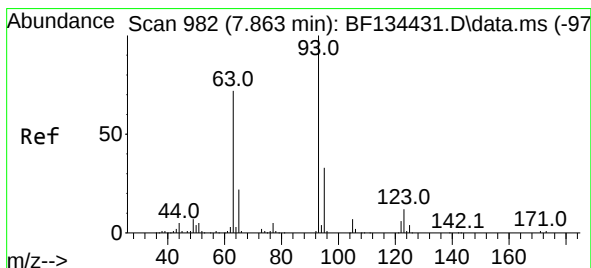
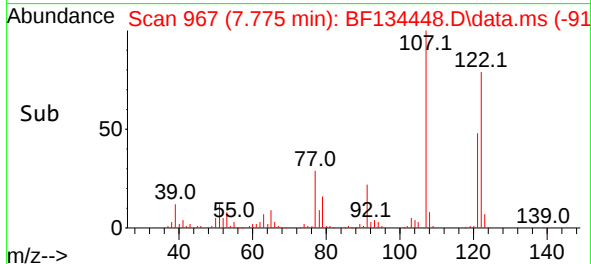
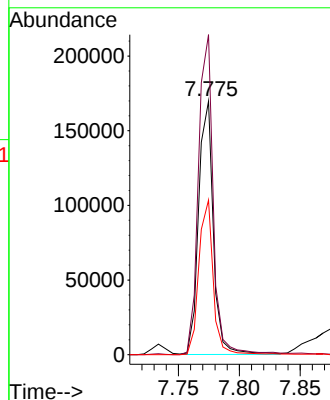
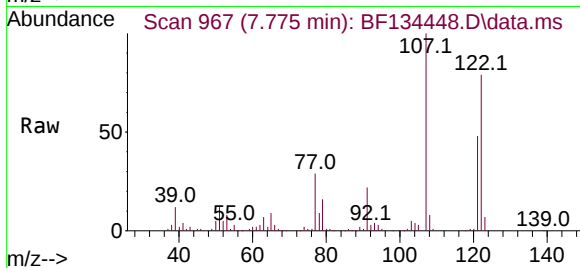
Tgt Ion:122 Resp: 142711
 Ion Ratio Lower Upper
 122 100
 107 126.2 106.7 160.1
 121 60.9 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.972 ng

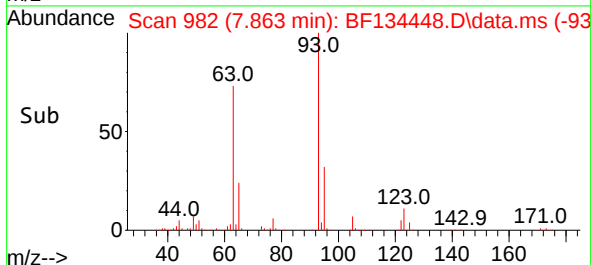
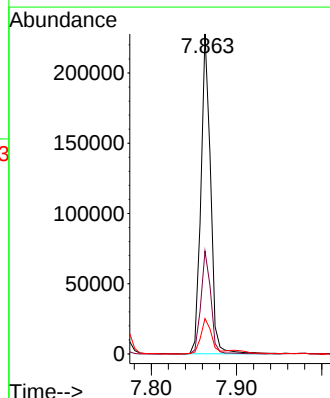
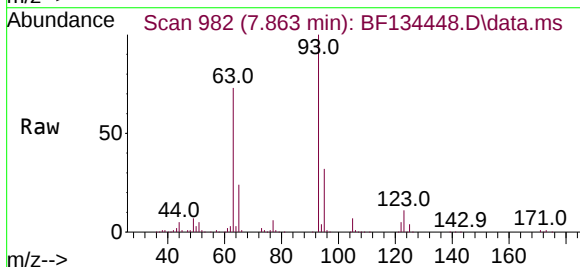
RT: 7.863 min Scan# 982

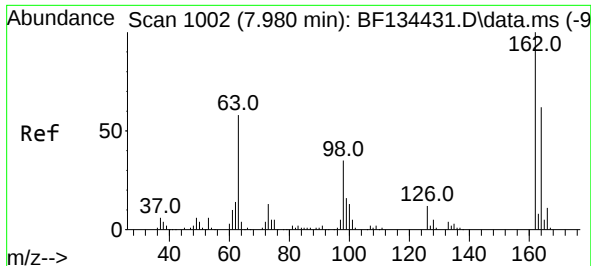
Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Tgt Ion: 93 Resp: 179128
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.896 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

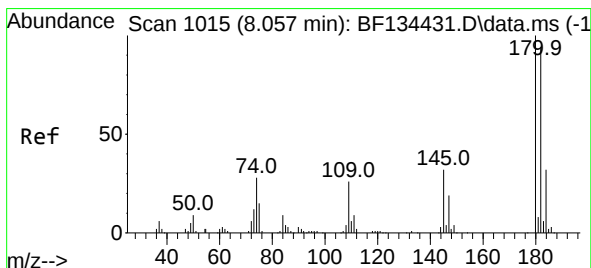
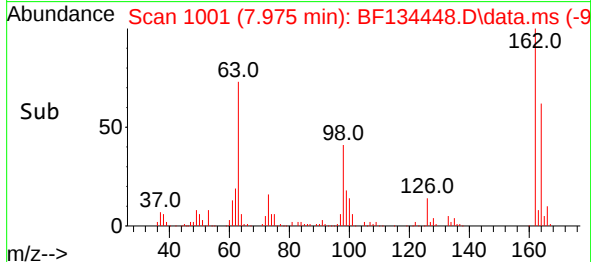
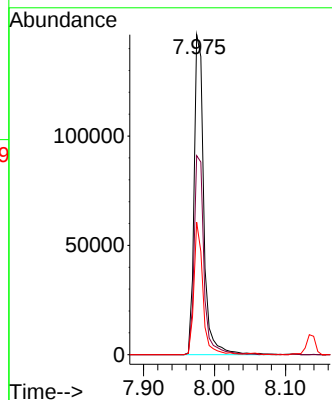
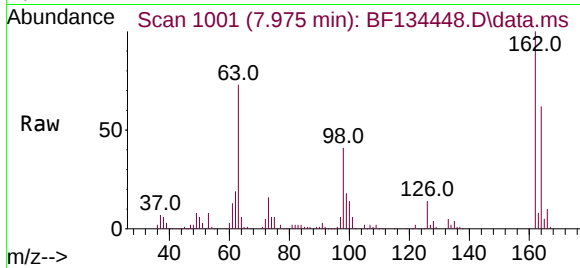
Tgt Ion:162 Resp: 139124
 Ion Ratio Lower Upper
 162 100
 164 62.2 42.2 82.2
 98 41.4 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.713 ng

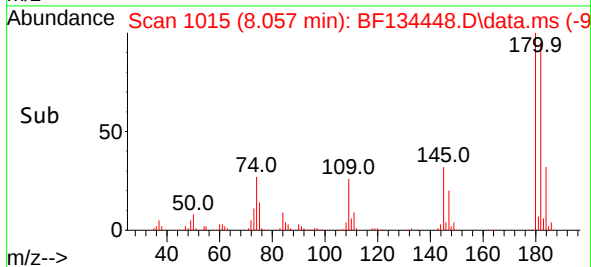
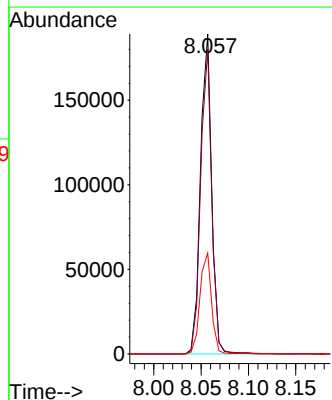
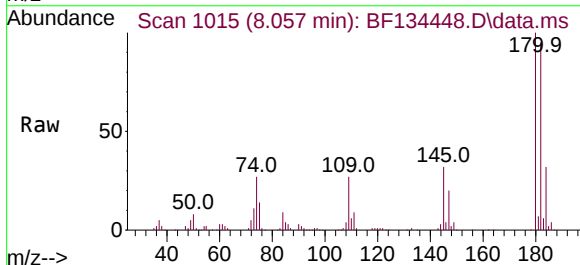
RT: 8.057 min Scan# 1015

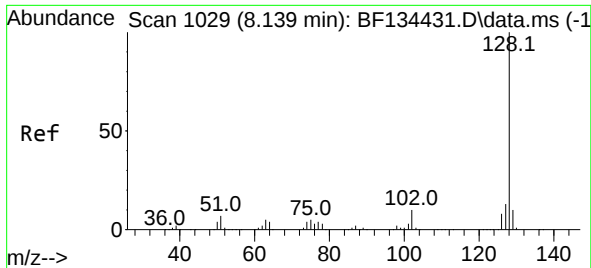
Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

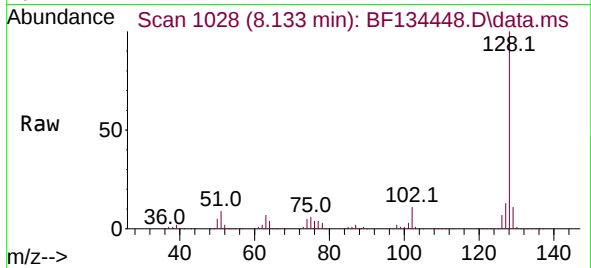
Tgt Ion:180 Resp: 155645
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.0 112.6
 145 31.6 25.5 38.3





#31
Naphthalene
Concen: 47.876 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

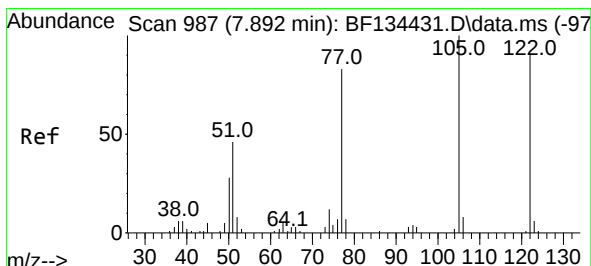
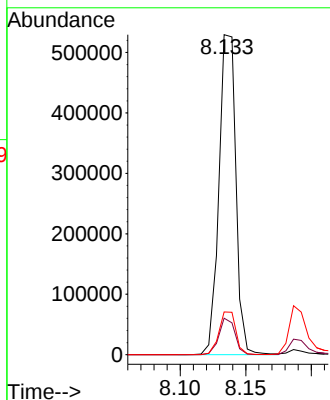
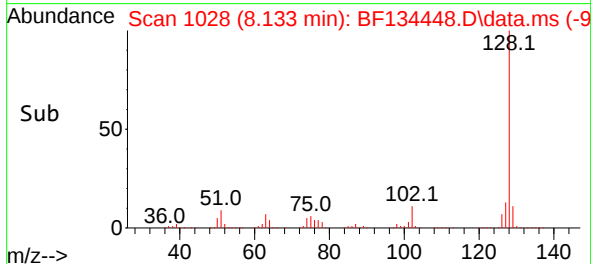
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:128 Resp: 47534
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 10.7 16.1

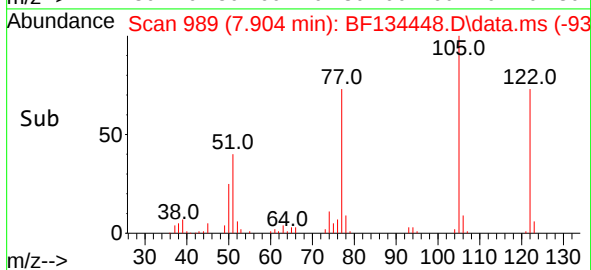
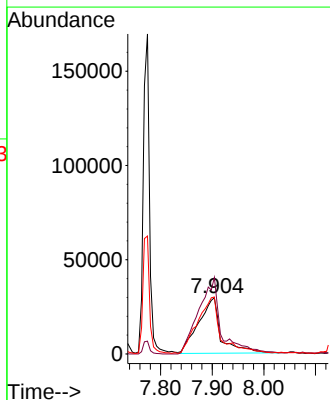
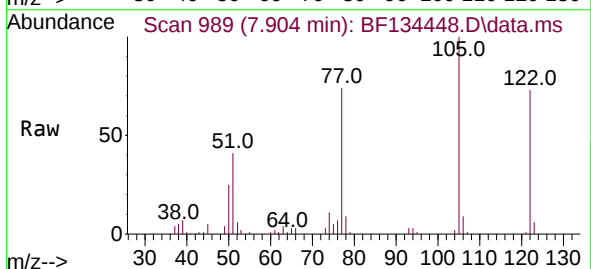
Manual Integrations
APPROVED

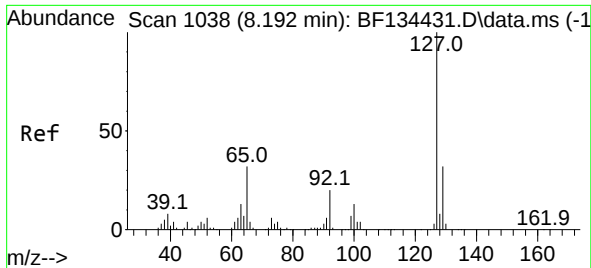
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#32
Benzoic acid
Concen: 47.074 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

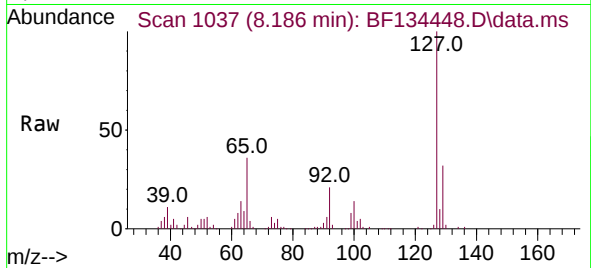
Tgt Ion:122 Resp: 89497
Ion Ratio Lower Upper
122 100
105 136.2 87.5 127.5#
77 101.4 71.4 111.4





#33
4-Chloroaniline
Concen: 20.684 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

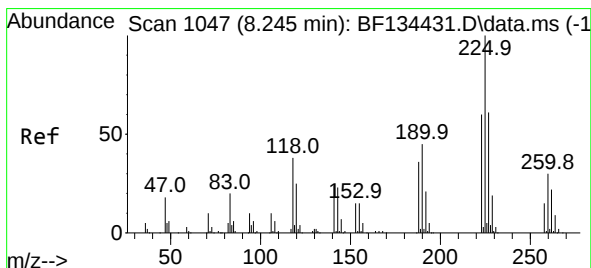
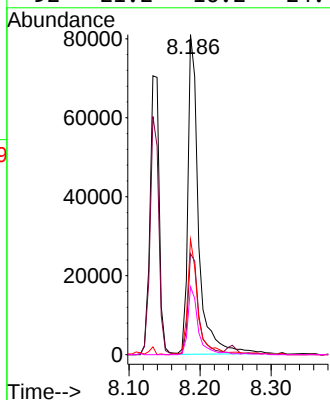
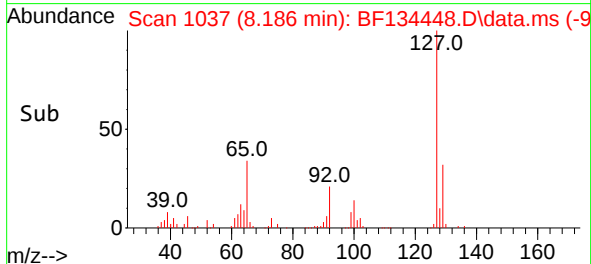
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:127 Resp: 84889
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4
65 36.0 25.4 38.0
92 21.2 16.2 24.4

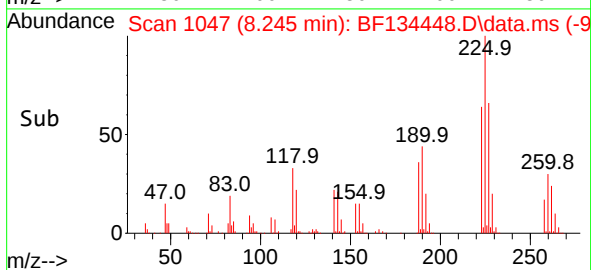
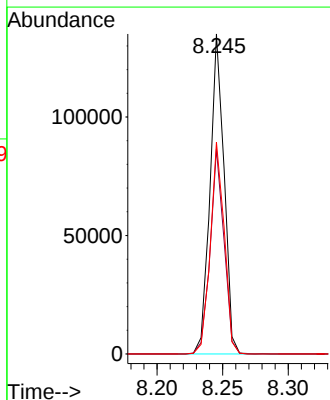
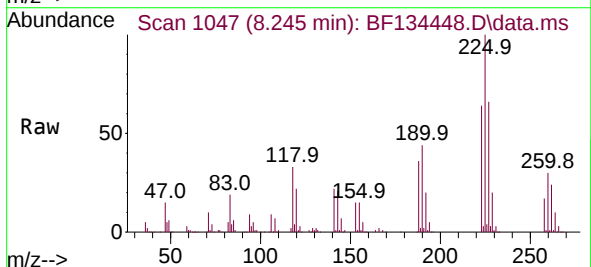
Manual Integrations
APPROVED

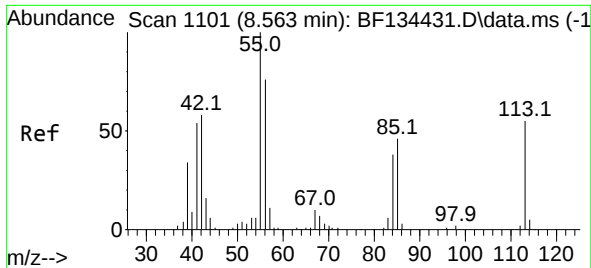
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 48.928 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

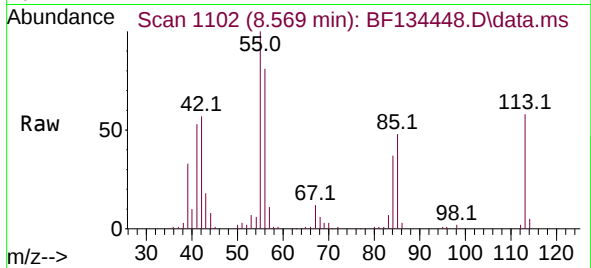
Tgt Ion:225 Resp: 100599
Ion Ratio Lower Upper
225 100
223 64.1 48.2 72.4
227 66.2 48.5 72.7





#35
Caprolactam
Concen: 53.798 ng m
RT: 8.569 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

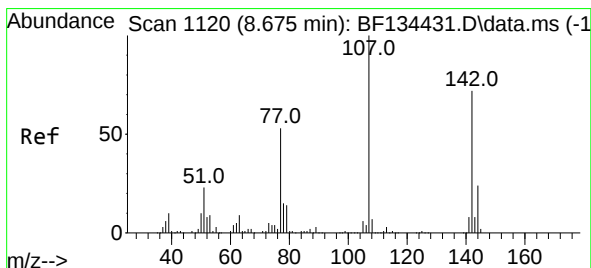
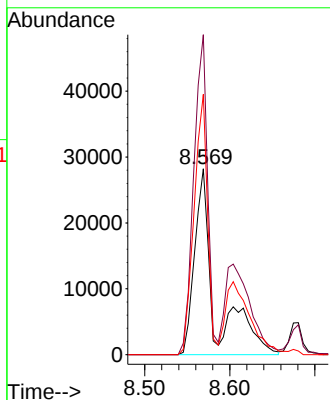
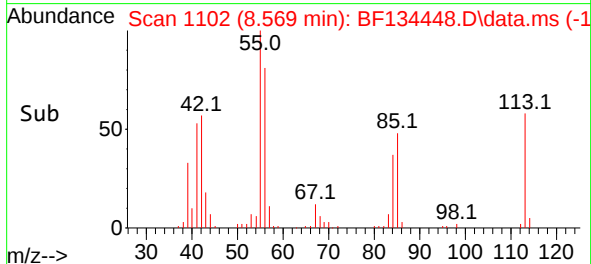
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:113 Resp: 4680
Ion Ratio Lower Upper
113 100
55 172.1 161.5 201.5
56 140.1 117.8 157.8

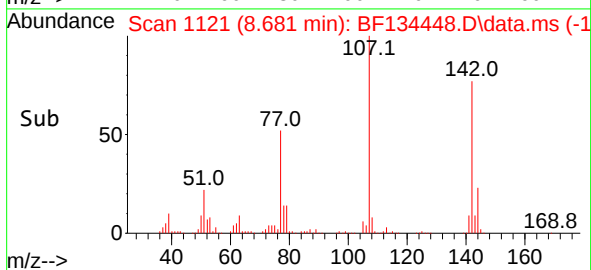
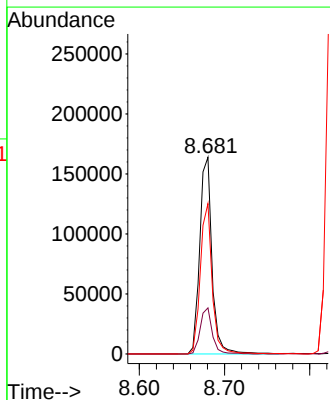
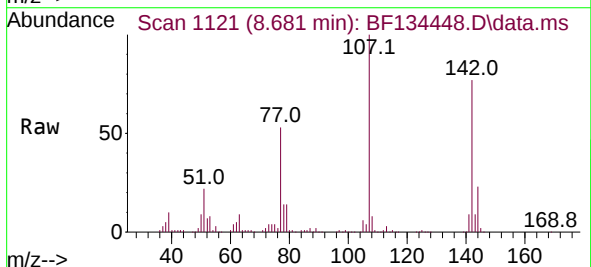
Manual Integrations
APPROVED

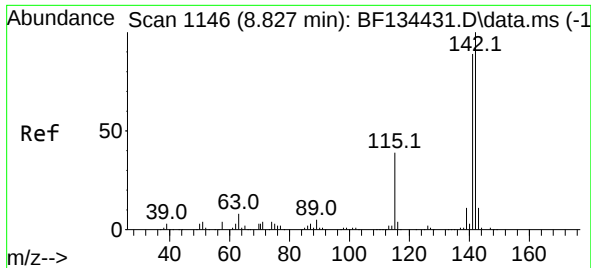
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#36
4-Chloro-3-methylphenol
Concen: 50.223 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

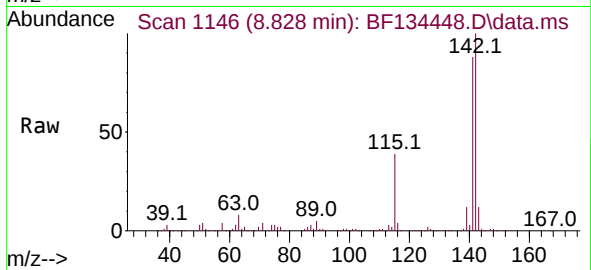
Tgt Ion:107 Resp: 164884
Ion Ratio Lower Upper
107 100
144 23.5 19.6 29.4
142 76.5 57.7 86.5





#37
2-Methylnaphthalene
Concen: 53.174 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

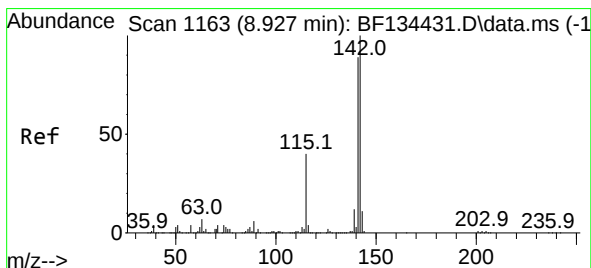
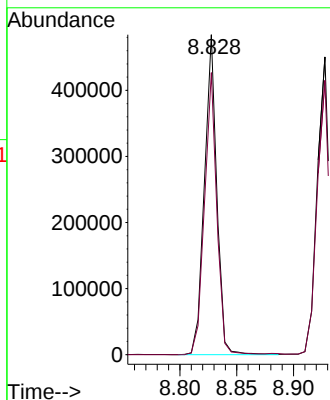
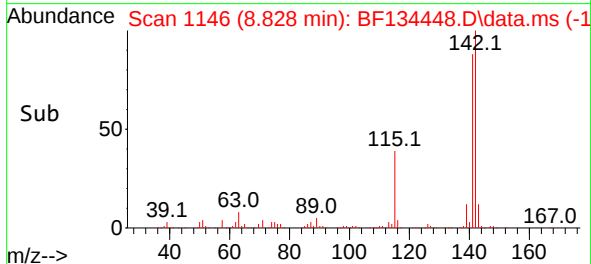
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



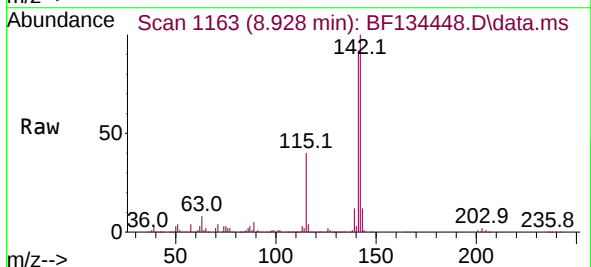
Tgt Ion:142 Resp: 366825
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

Manual Integrations
APPROVED

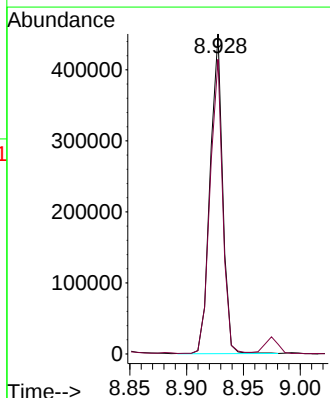
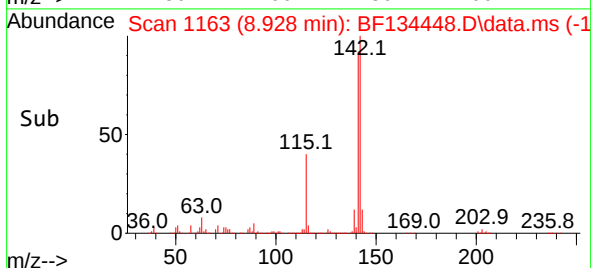
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

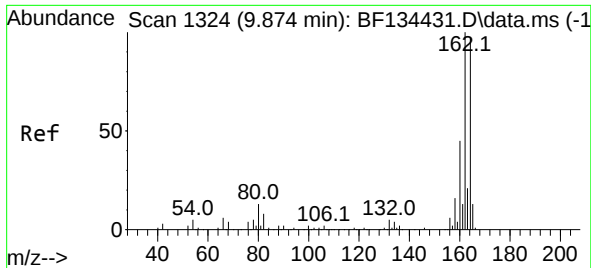


#38
1-Methylnaphthalene
Concen: 53.656 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



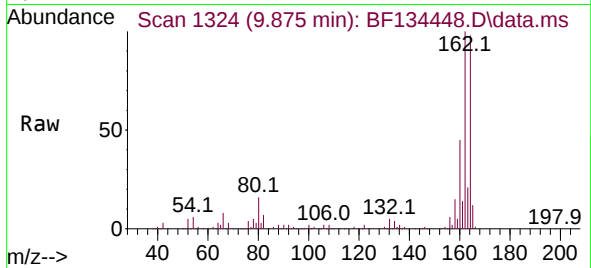
Tgt Ion:142 Resp: 343390
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

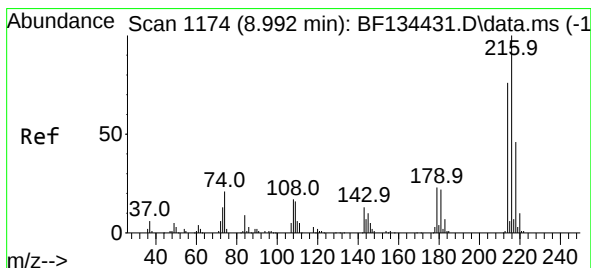
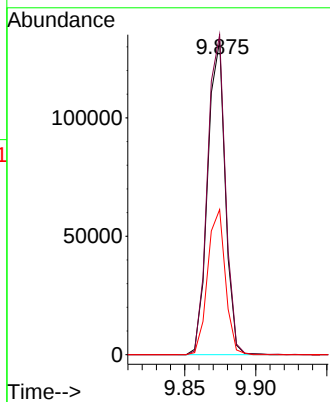
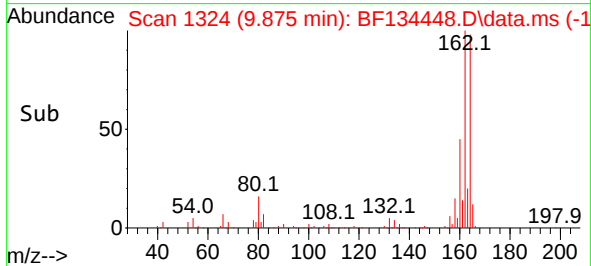
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



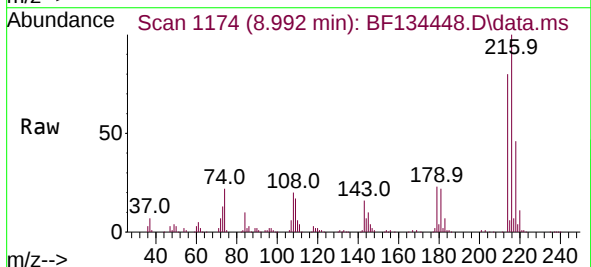
Tgt Ion:164 Resp: 113614
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.2 37.2 55.8

Manual Integrations
APPROVED

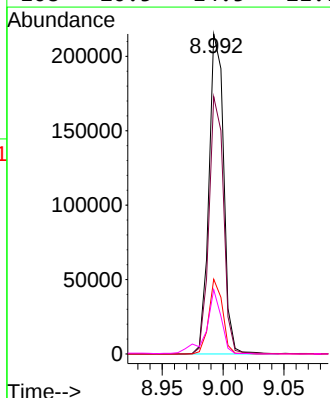
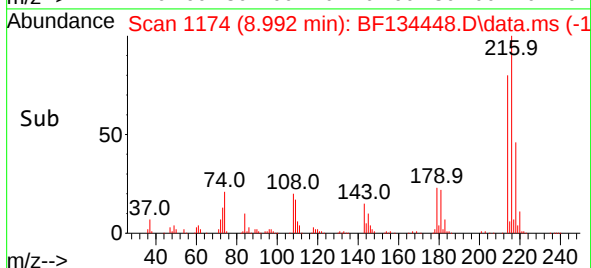
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

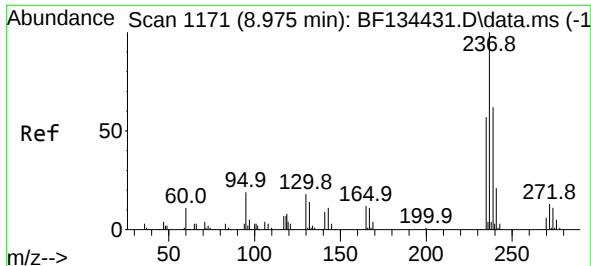


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.422 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



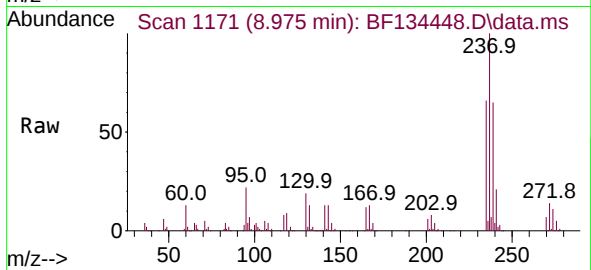
Tgt Ion:216 Resp: 181540
Ion Ratio Lower Upper
216 100
214 79.5 62.3 93.5
179 21.7 17.4 26.0
108 20.5 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 104.986 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

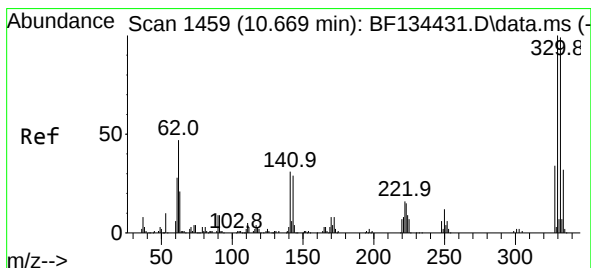
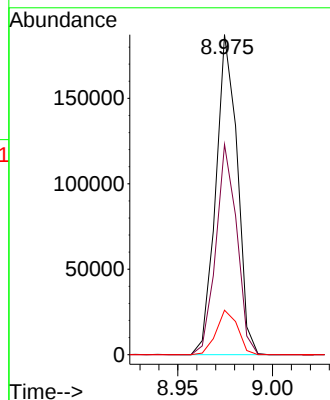
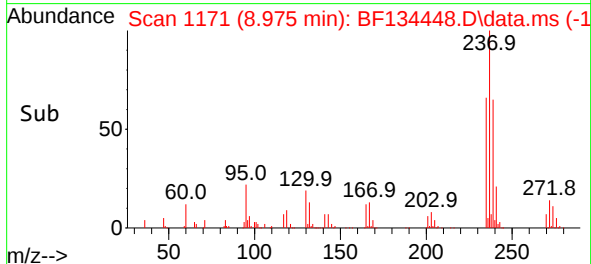
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:237 Resp: 14775
Ion Ratio Lower Upper
237 100
235 65.7 37.0 77.0
272 13.9 0.0 32.7

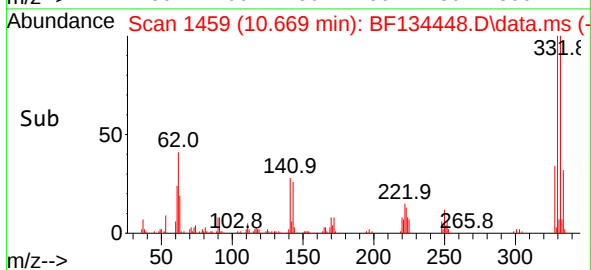
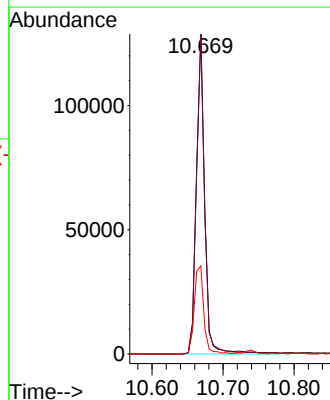
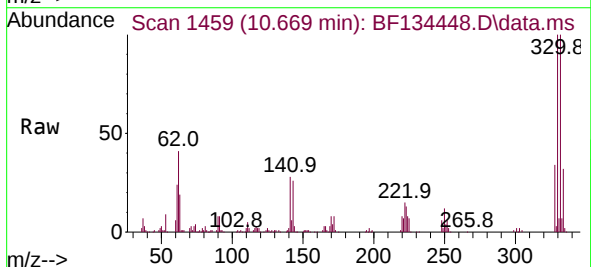
Manual Integrations
APPROVED

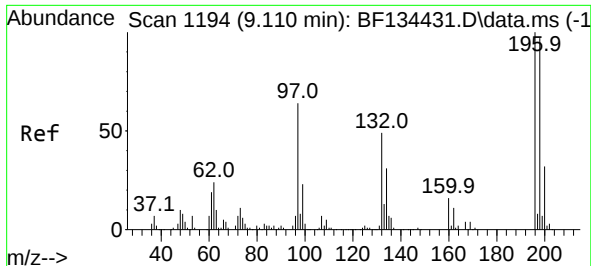
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#42
2,4,6-Tribromophenol
Concen: 65.397 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

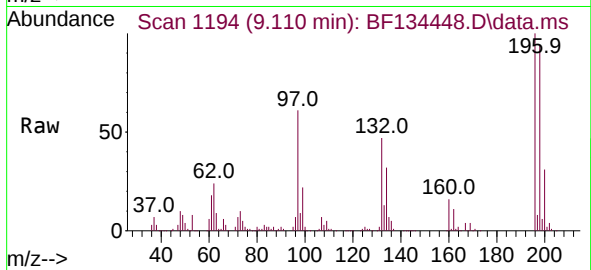
Tgt Ion:330 Resp: 105567
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 31.4 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 49.435 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

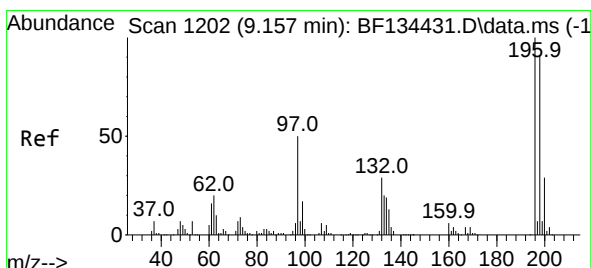
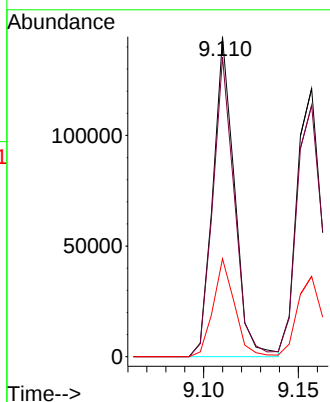
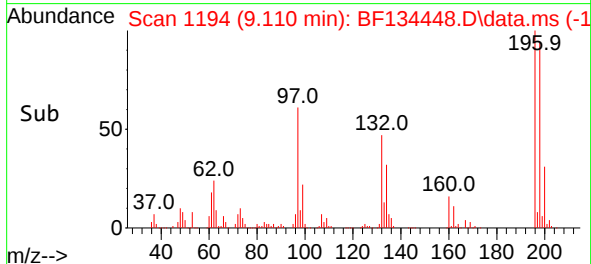
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



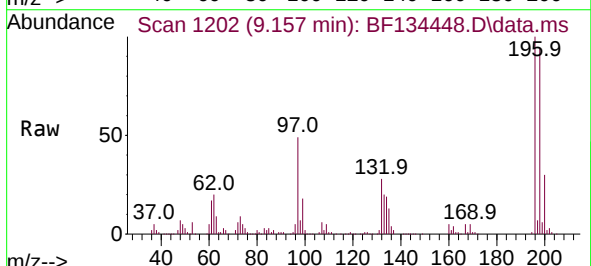
Tgt Ion:196 Resp: 11418
Ion Ratio Lower Upper
196 100
198 93.6 77.4 116.2
200 30.6 25.4 38.2

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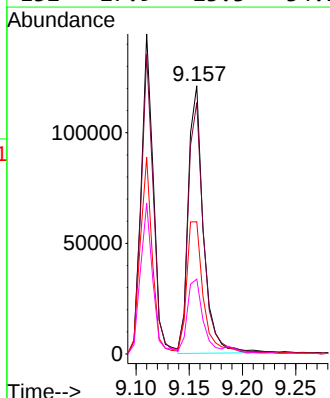
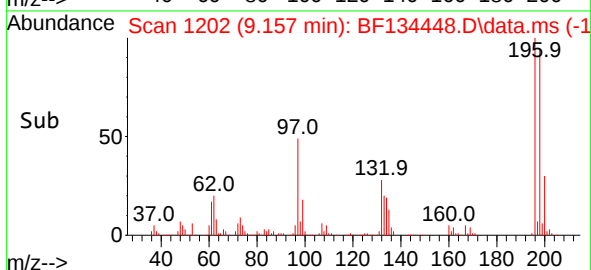
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

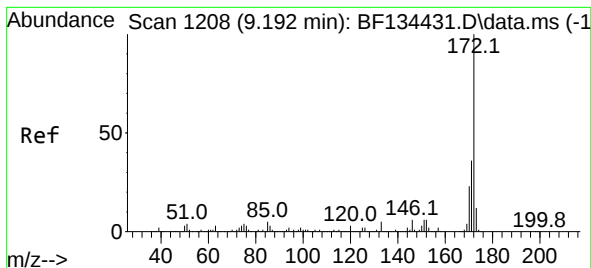


#44
2,4,5-Trichlorophenol
Concen: 44.275 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



Tgt Ion:196 Resp: 119146
Ion Ratio Lower Upper
196 100
198 93.7 73.0 109.4
97 49.3 40.8 61.2
132 27.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 46.401 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 401569

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

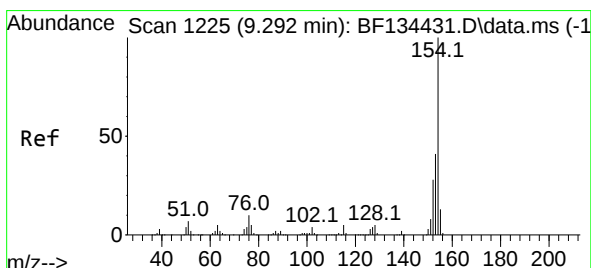
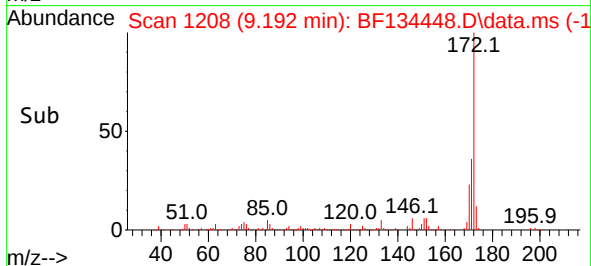
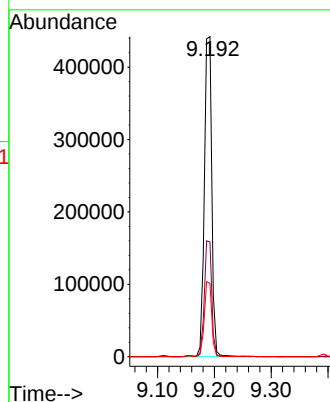
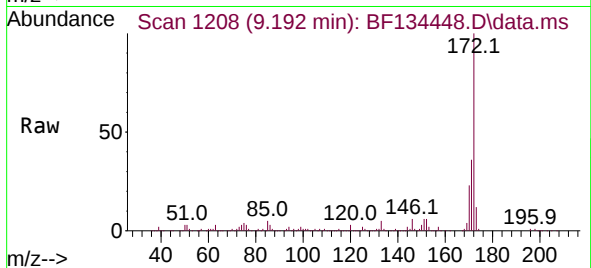
170 22.9 18.7 28.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#46

1,1'-Biphenyl

Concen: 49.244 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

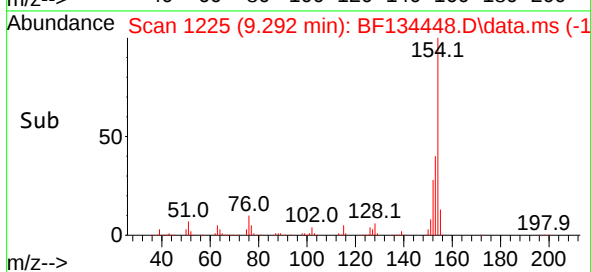
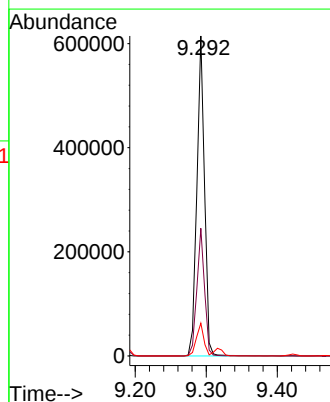
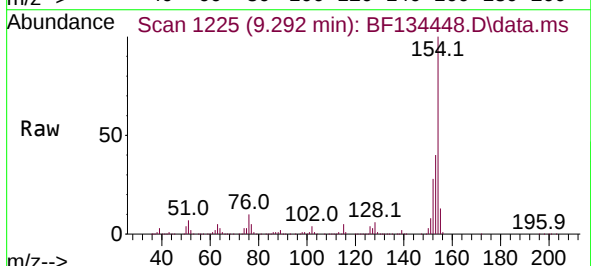
Tgt Ion:154 Resp: 461116

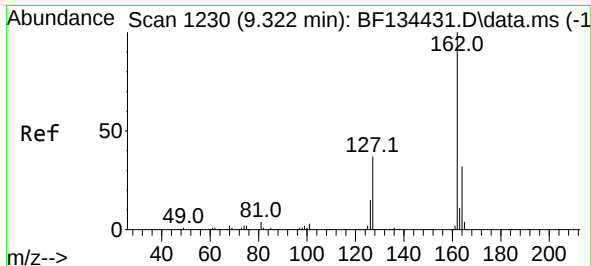
Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

76 10.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 48.491 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

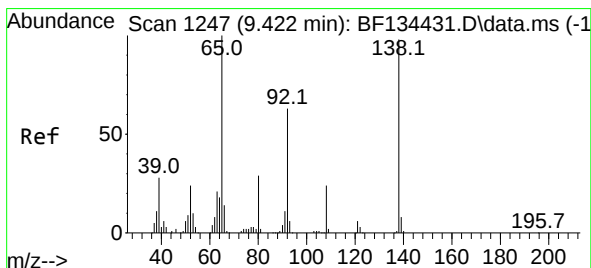
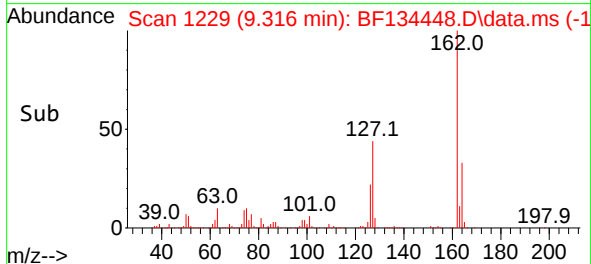
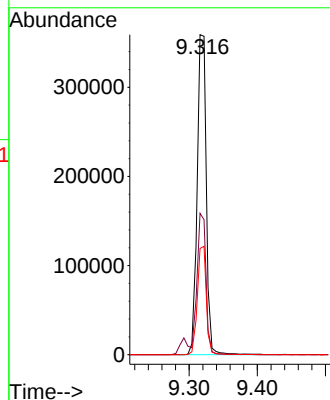
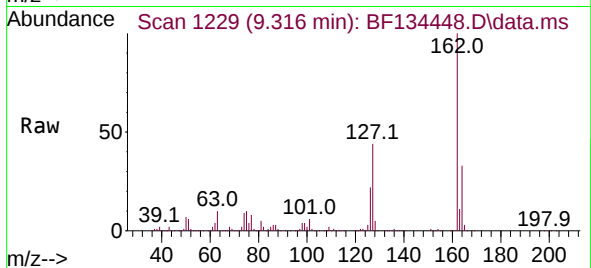
Tgt Ion:162 Resp: 33475
 Ion Ratio Lower Upper
 162 100
 127 44.2 34.0 51.0
 164 33.2 25.7 38.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#48

2-Nitroaniline

Concen: 49.925 ng

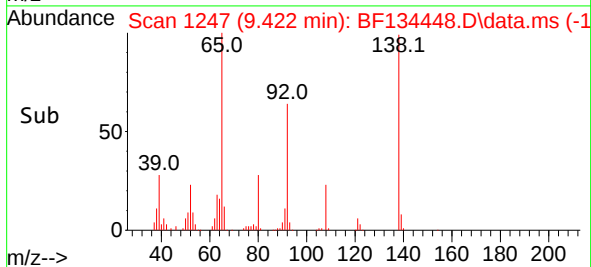
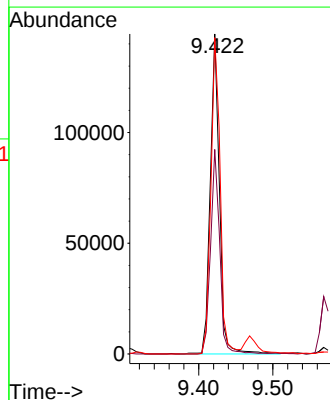
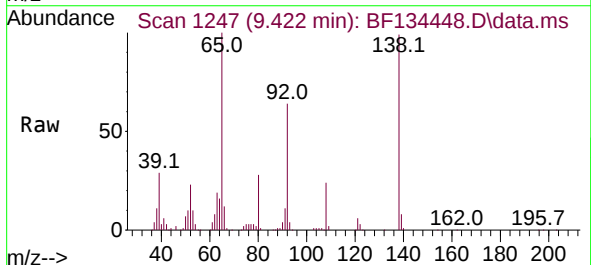
RT: 9.422 min Scan# 1247

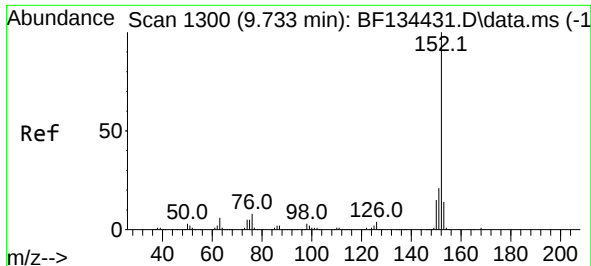
Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Tgt Ion: 65 Resp: 124122
 Ion Ratio Lower Upper
 65 100
 92 63.9 50.7 76.1
 138 98.8 78.2 117.4





#49

Acenaphthylene

Concen: 47.306 ng

RT: 9.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

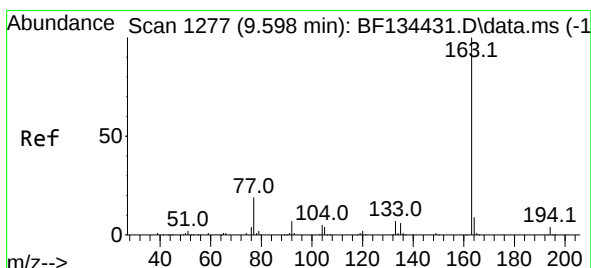
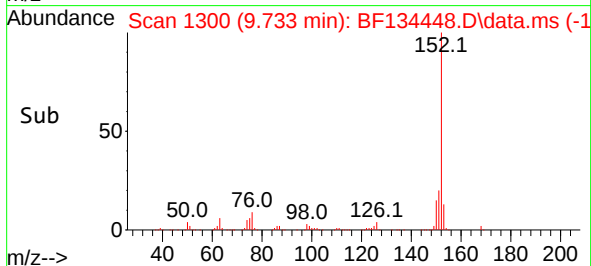
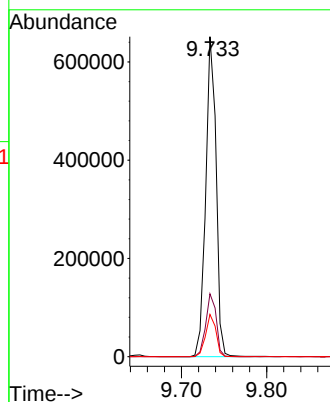
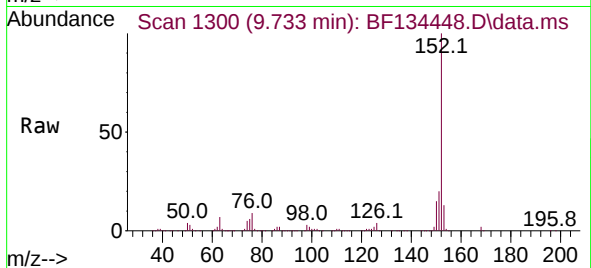
Tgt Ion:152 Resp: 55170
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.4 24.6
 153 13.2 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#50

Dimethylphthalate

Concen: 50.410 ng

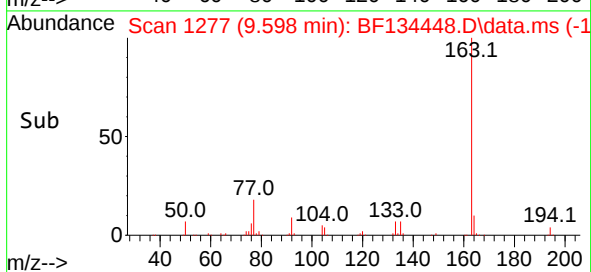
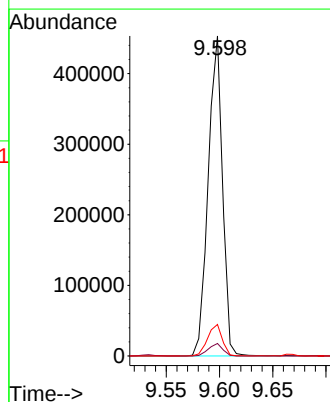
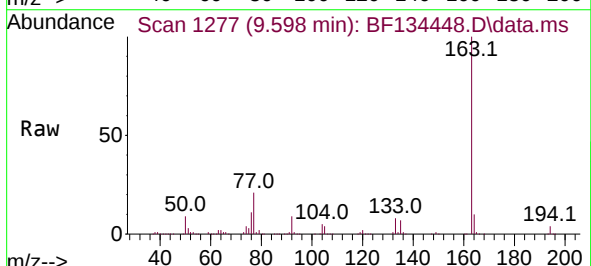
RT: 9.598 min Scan# 1277

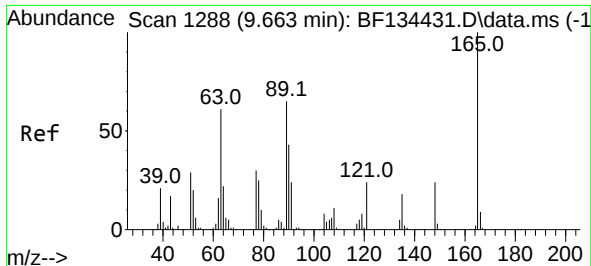
Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

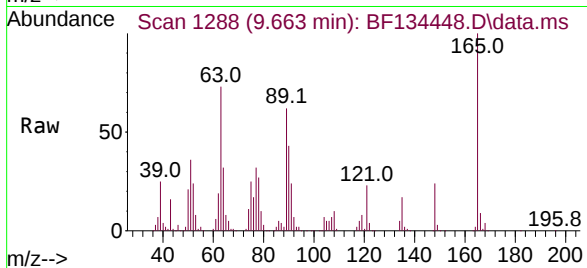
Tgt Ion:163 Resp: 424565
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.3 4.9
 164 9.8 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 48.117 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

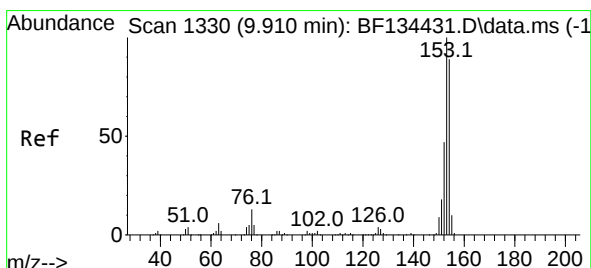
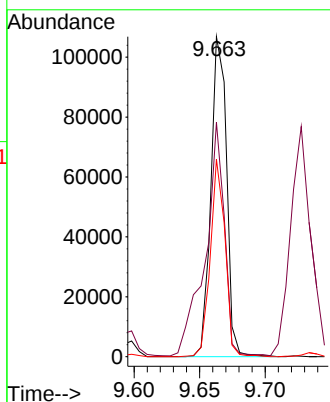
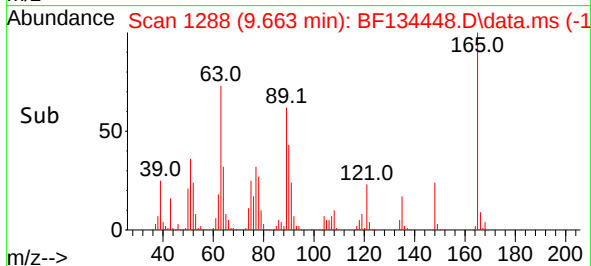
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 8892
Ion Ratio Lower Upper
165 100
63 73.3 57.8 86.6
89 61.7 51.8 77.8

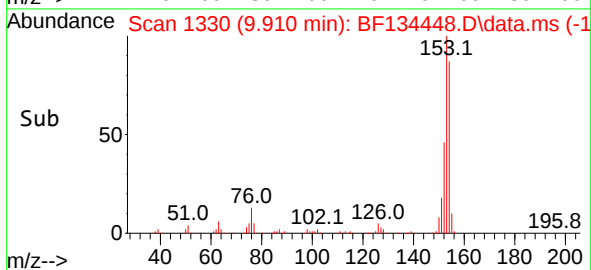
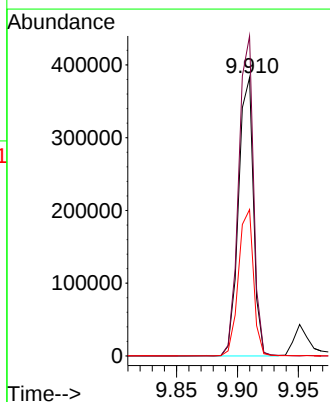
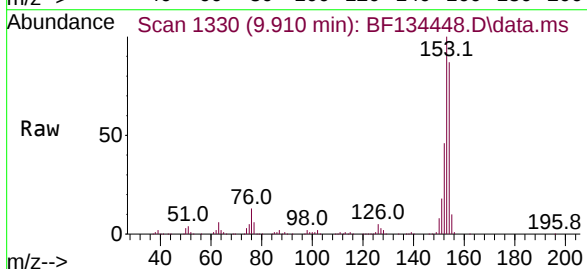
Manual Integrations
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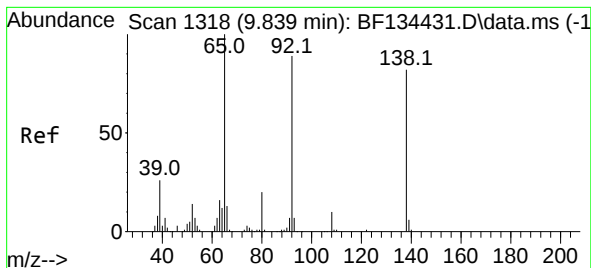
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#52
Acenaphthene
Concen: 47.708 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

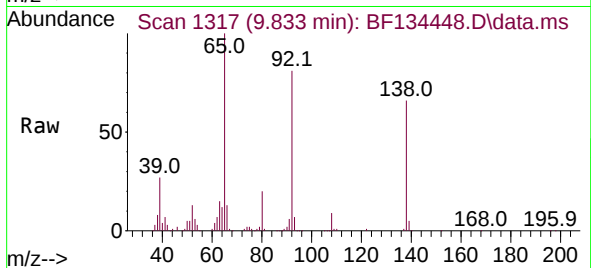
Tgt Ion:154 Resp: 328682
Ion Ratio Lower Upper
154 100
153 114.9 90.0 135.0
152 52.6 42.4 63.6





#53
3-Nitroaniline
Concen: 34.897 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

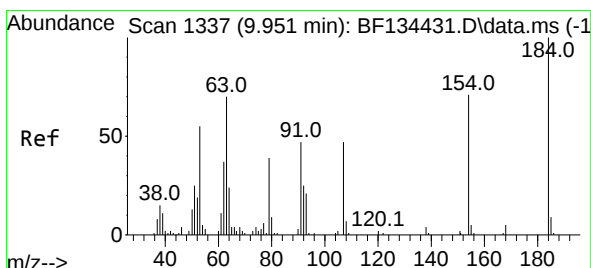
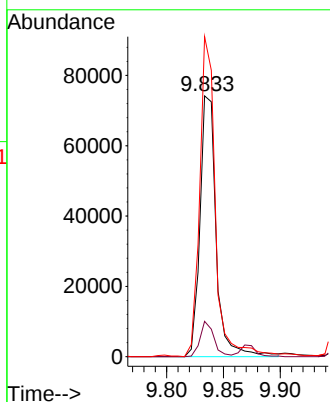
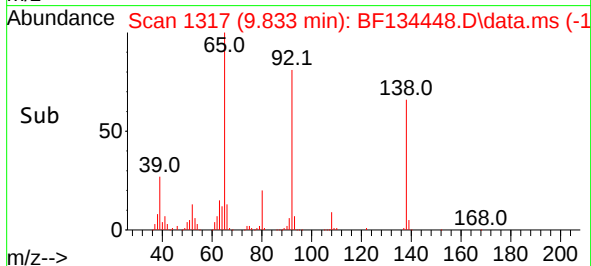
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:138 Resp: 73940
Ion Ratio Lower Upper
138 100
108 13.6 9.3 13.9
92 122.7 86.6 129.8

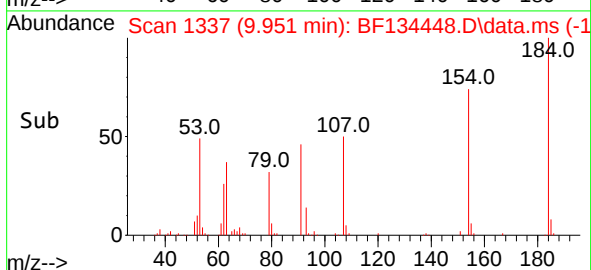
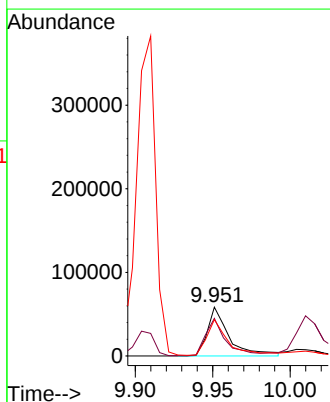
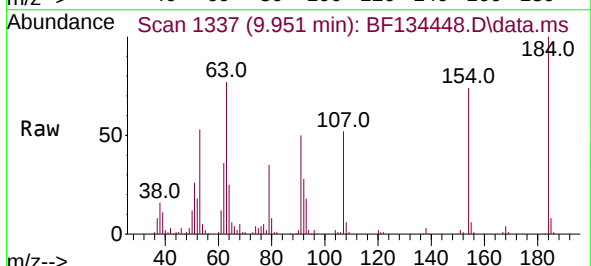
Manual Integrations
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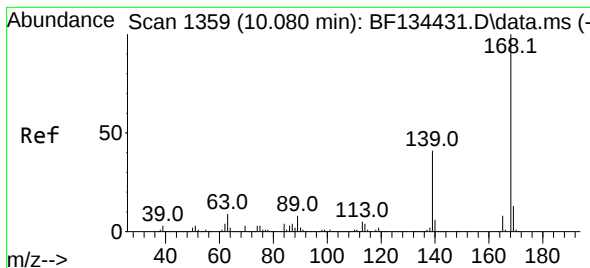
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#54
2,4-Dinitrophenol
Concen: 60.352 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

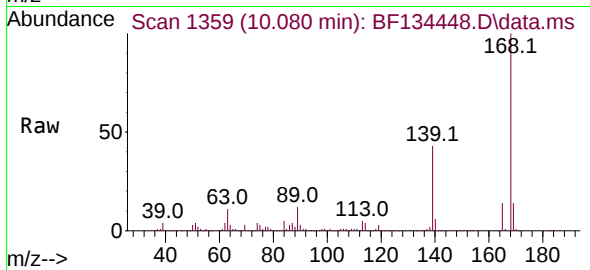
Tgt Ion:184 Resp: 56810
Ion Ratio Lower Upper
184 100
63 77.0 57.1 85.7
154 74.2 59.1 88.7





#55
Dibenzenofuran
Concen: 47.274 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

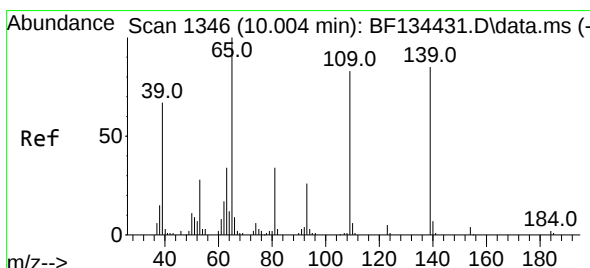
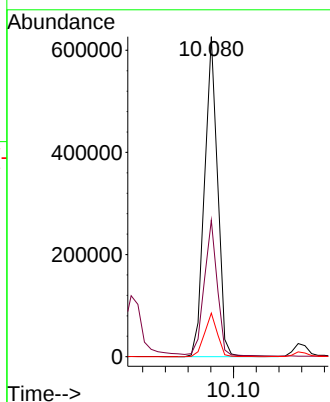
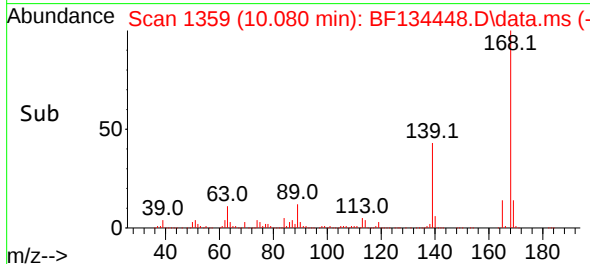
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:168 Resp: 50126
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 13.6 10.6 15.8

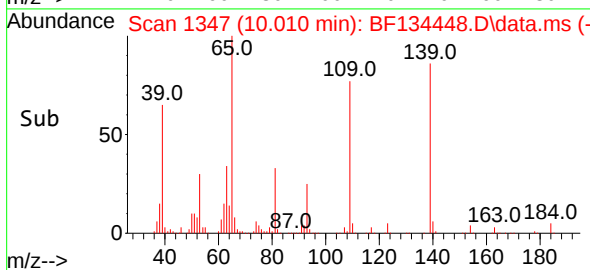
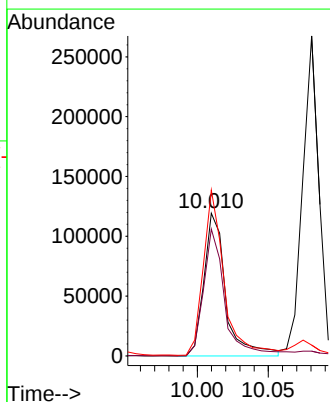
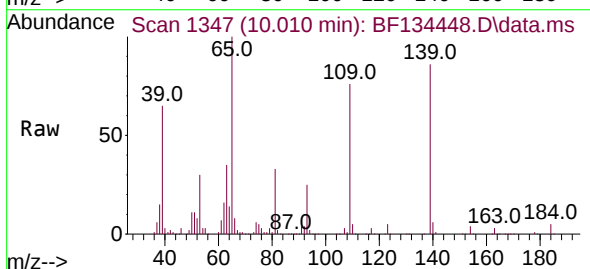
Manual Integrations
APPROVED

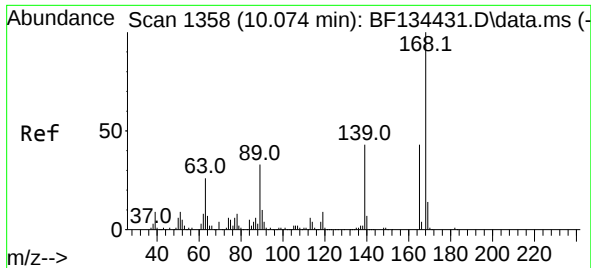
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#56
4-Nitrophenol
Concen: 113.599 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

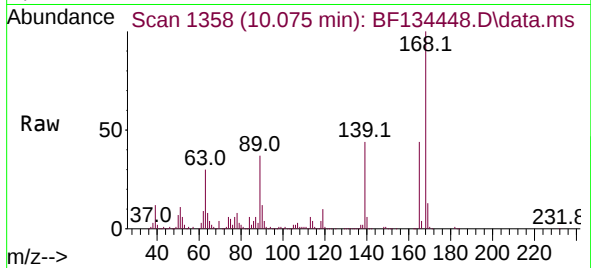
Tgt Ion:139 Resp: 128357
Ion Ratio Lower Upper
139 100
109 88.9 76.9 116.9
65 116.2 98.5 138.5





#57
2,4-Dinitrotoluene
Concen: 49.471 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

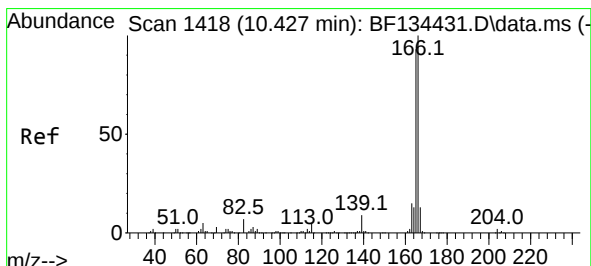
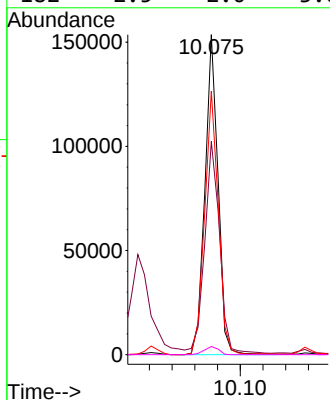
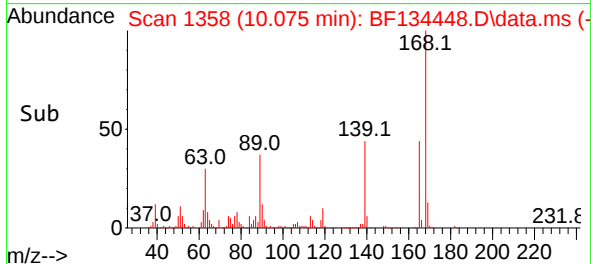
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



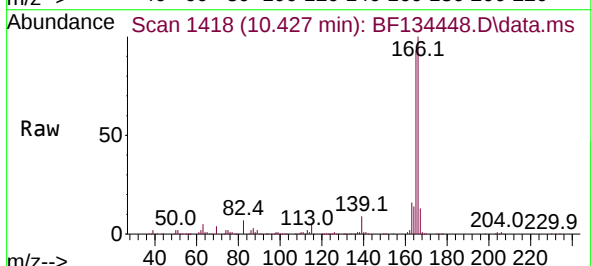
Tgt Ion:165 Resp: 122795
Ion Ratio Lower Upper
165 100
63 66.7 48.9 73.3
89 82.3 61.7 92.5
182 2.5 2.0 3.0

Manual Integrations
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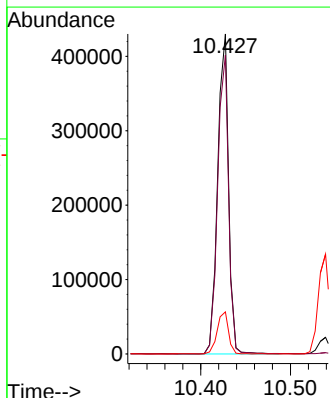
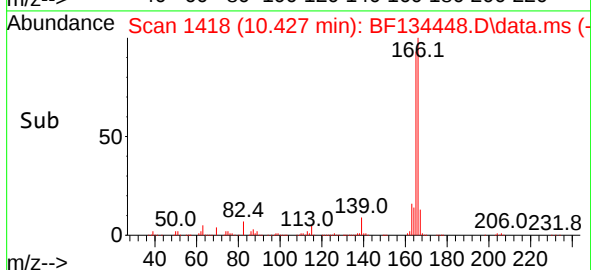
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

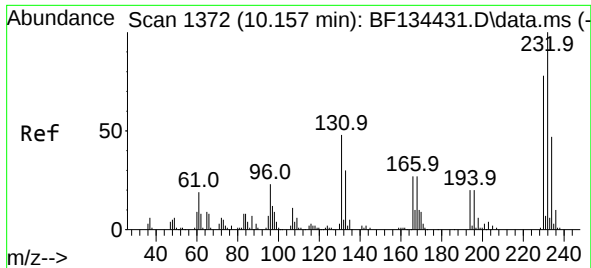


#58
Fluorene
Concen: 42.533 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



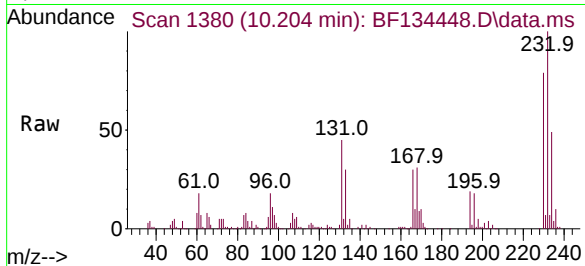
Tgt Ion:166 Resp: 363830
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.029 ng m
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

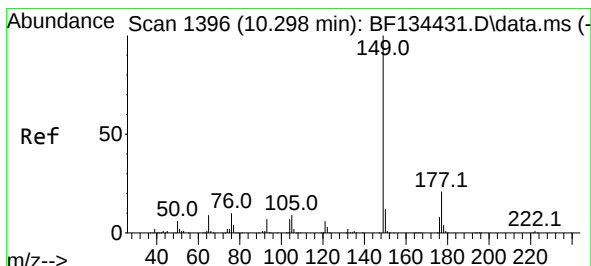
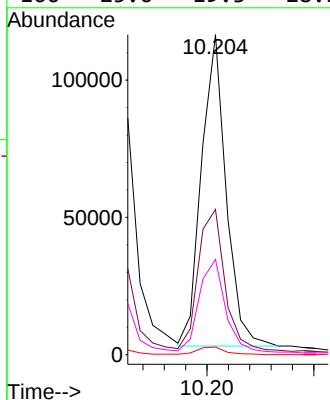
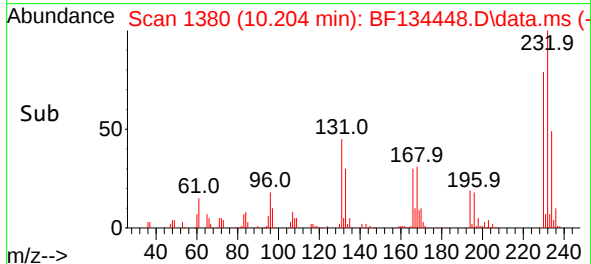
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:232 Resp: 91031
Ion Ratio Lower Upper
232 100
131 45.3 33.4 50.0
130 2.5 1.8 2.6
166 25.6 19.3 28.9

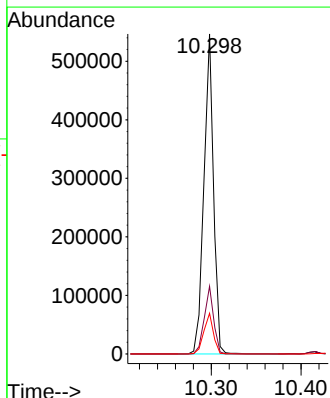
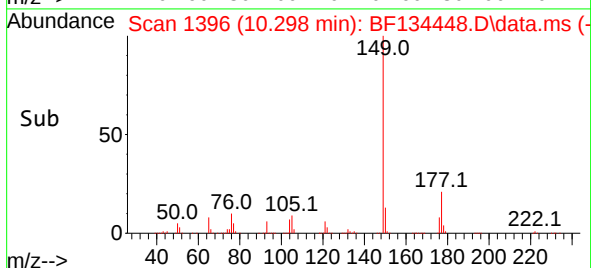
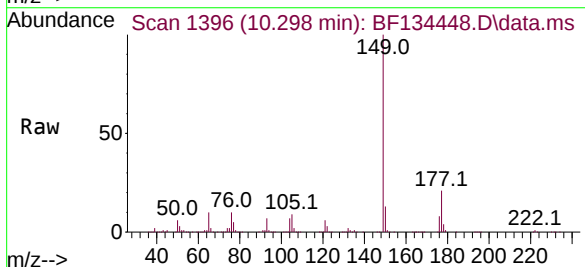
Manual Integrations
APPROVED

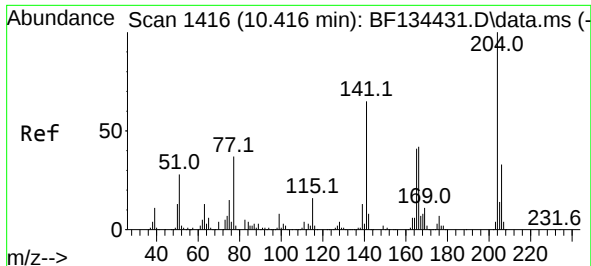
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#60
Diethylphthalate
Concen: 46.518 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

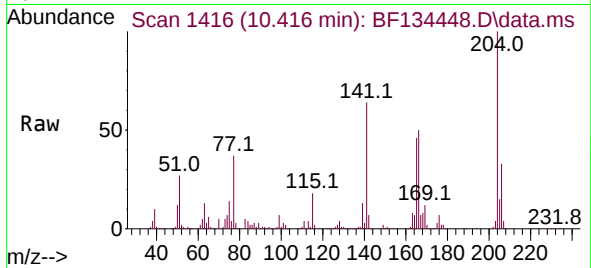
Tgt Ion:149 Resp: 405628
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.418 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

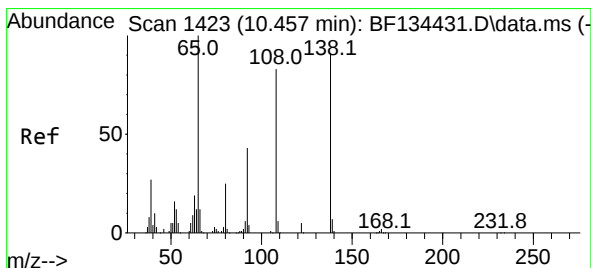
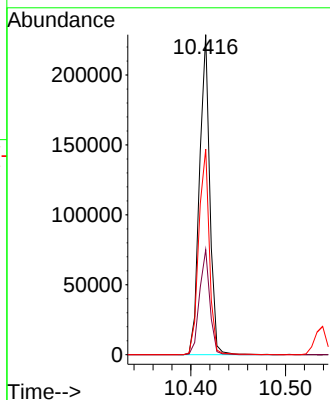
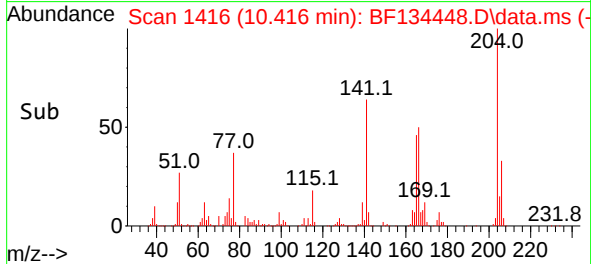
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:204 Resp: 173334
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 64.2 52.2 78.4

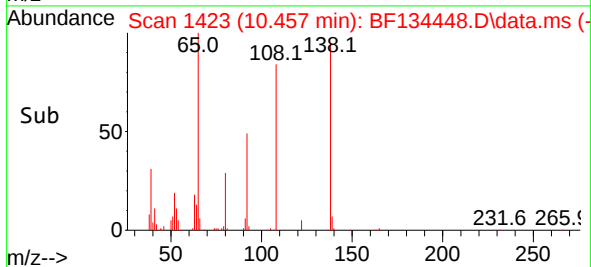
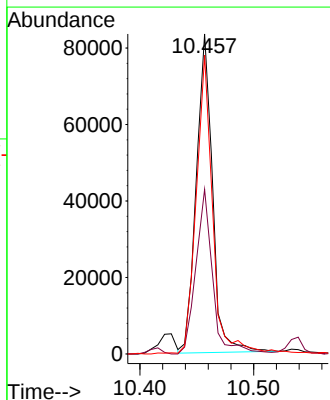
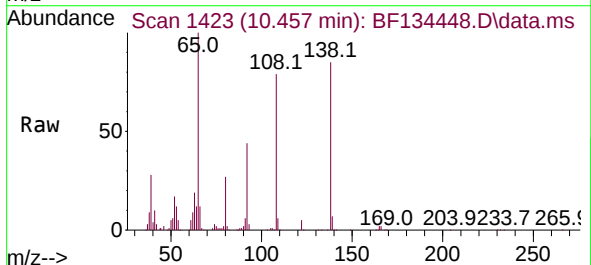
Manual Integrations
APPROVED

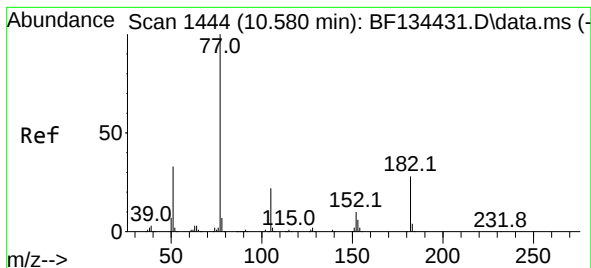
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#62
4-Nitroaniline
Concen: 38.074 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

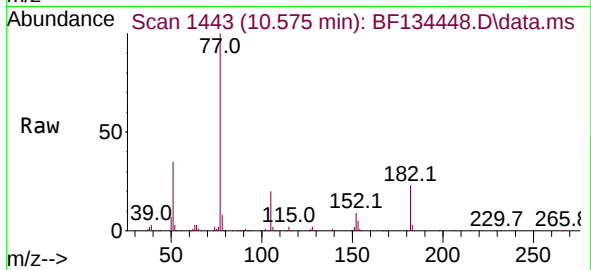
Tgt Ion:138 Resp: 82766
Ion Ratio Lower Upper
138 100
92 51.5 27.0 67.0
108 93.4 70.4 110.4





#63
Azobenzene
Concen: 42.343 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

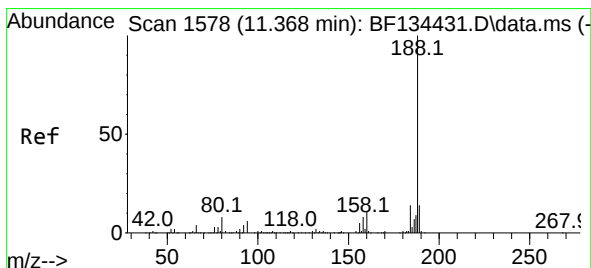
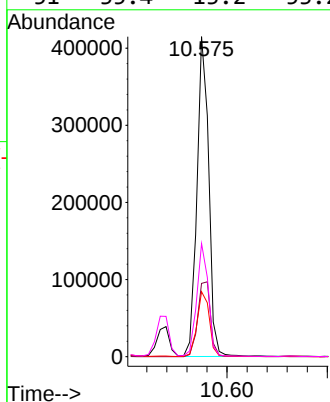
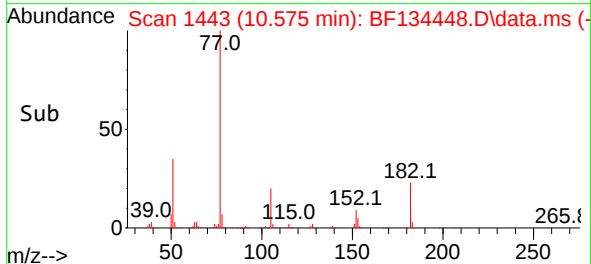
Instrument :
BNA_F
Client SampleId :
TP-3MSD



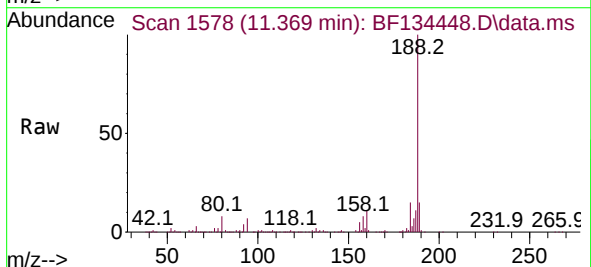
Tgt Ion: 77 Resp: 339850
Ion Ratio Lower Upper
77 100
182 22.9 7.5 47.5
105 20.3 1.9 41.9
51 35.4 13.2 53.2

Manual Integrations
APPROVED

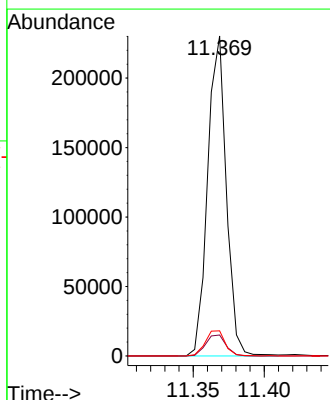
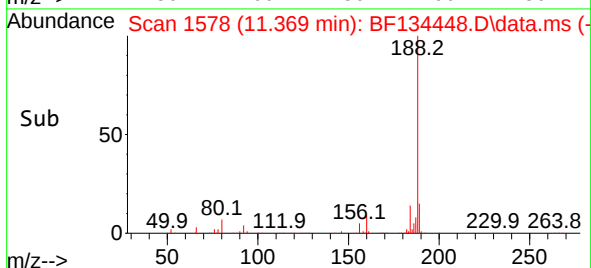
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

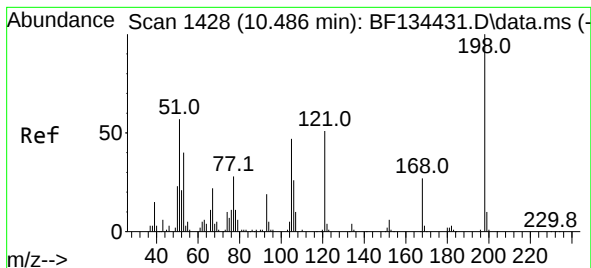


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



Tgt Ion:188 Resp: 210751
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 7.8 6.6 9.8





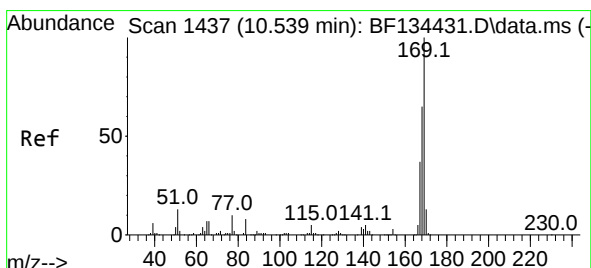
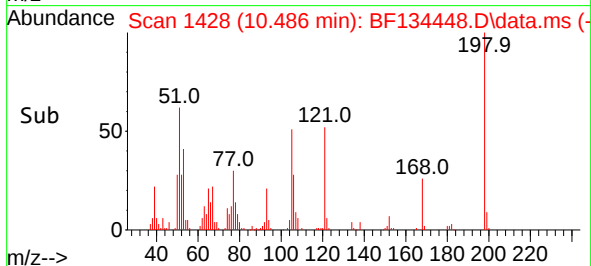
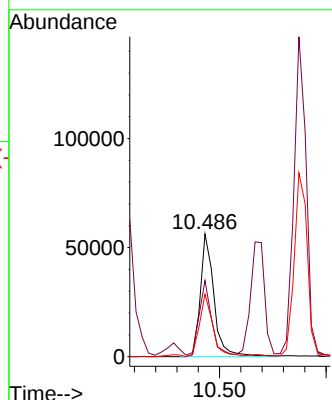
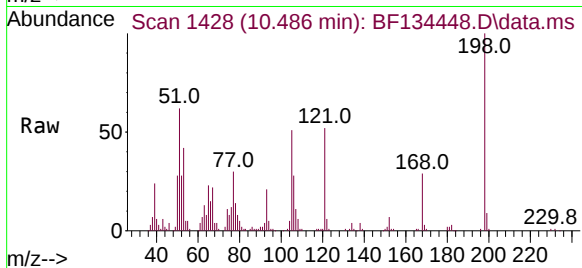
#65
4,6-Dinitro-2-methylphenol
Concen: 41.592 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 5028
Ion Ratio Lower Upper
198 100
51 62.1 38.6 78.6
105 50.8 27.9 67.9

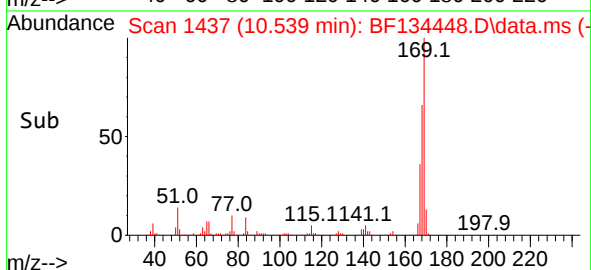
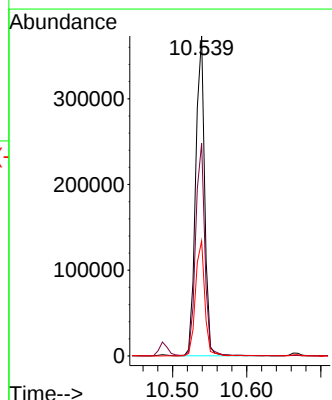
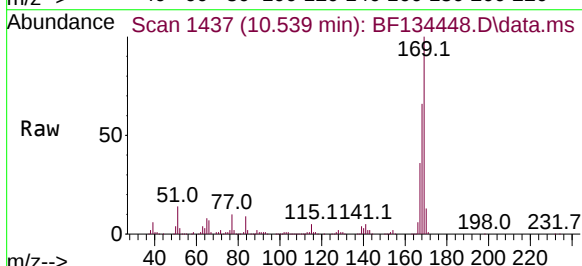
Manual Integrations
APPROVED

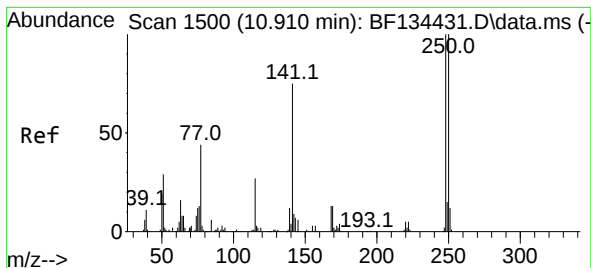
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#66
n-Nitrosodiphenylamine
Concen: 46.845 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

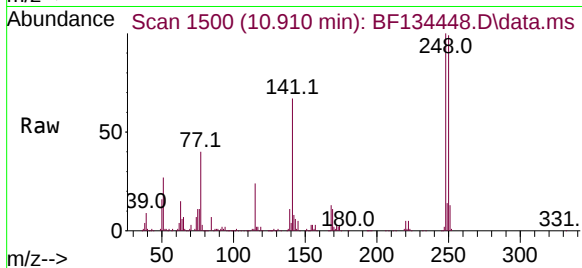
Tgt Ion:169 Resp: 314101
Ion Ratio Lower Upper
169 100
168 66.4 52.6 78.8
167 36.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 54.335 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

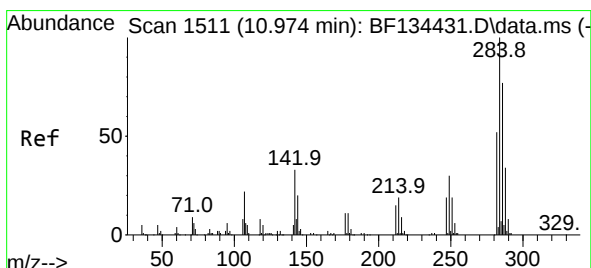
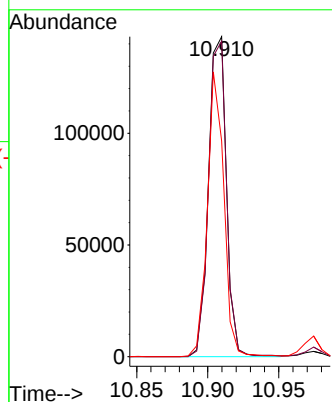
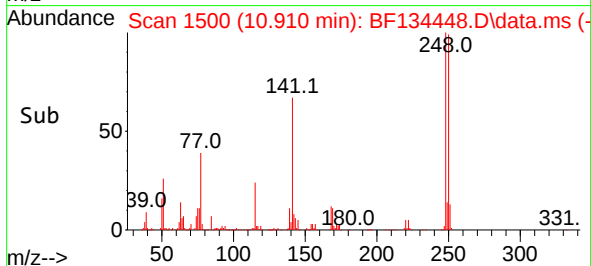
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



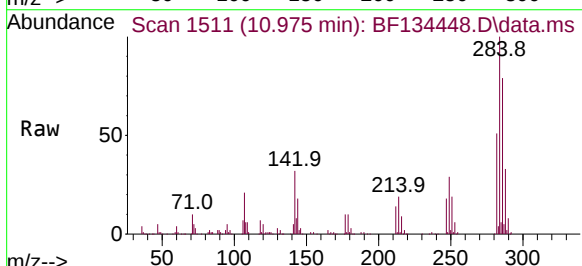
Tgt Ion:248 Resp: 125464
Ion Ratio Lower Upper
248 100
250 98.6 79.6 119.4
141 67.4 59.6 89.4

Manual Integrations
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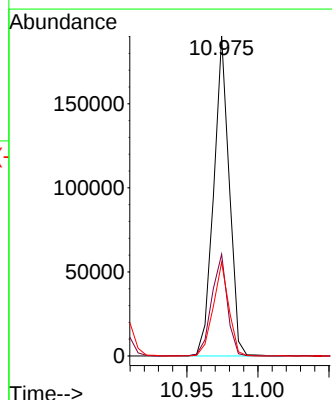
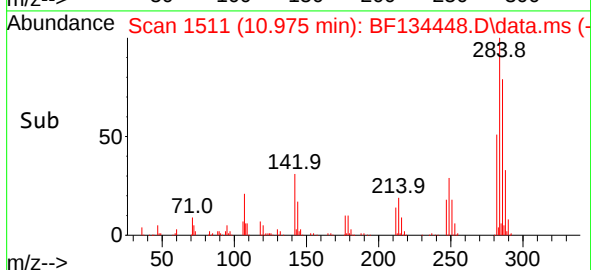
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

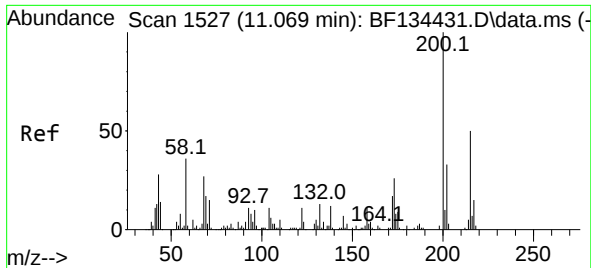


#68
Hexachlorobenzene
Concen: 55.480 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



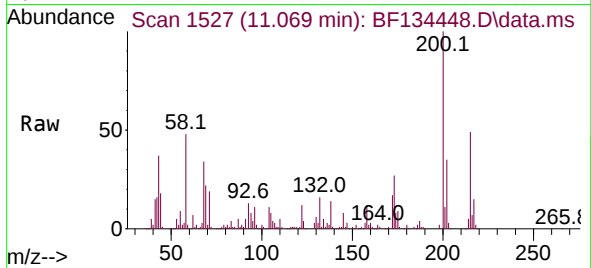
Tgt Ion:284 Resp: 144261
Ion Ratio Lower Upper
284 100
142 31.8 26.5 39.7
249 29.3 23.8 35.8





#69
 Atrazine
 Concen: 65.938 ng
 RT: 11.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

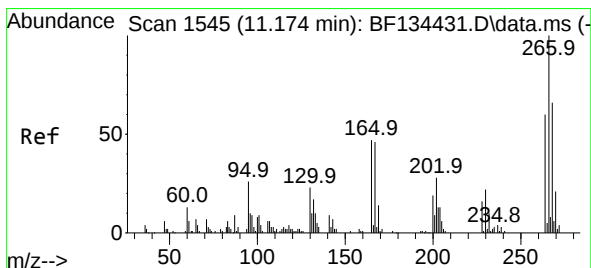
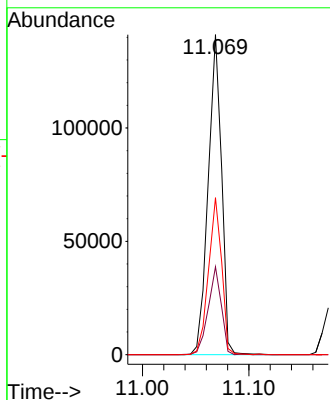
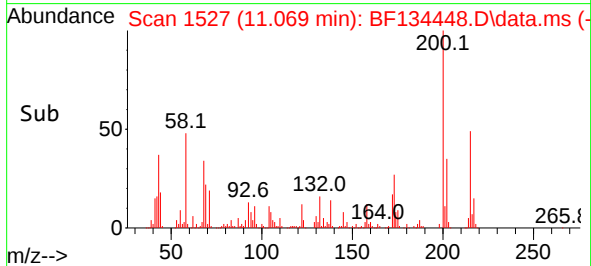
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



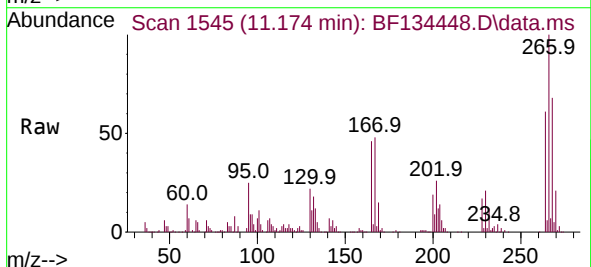
Tgt Ion:200 Resp: 12326
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.1 46.1
 215 49.1 29.7 69.7

Manual Integrations
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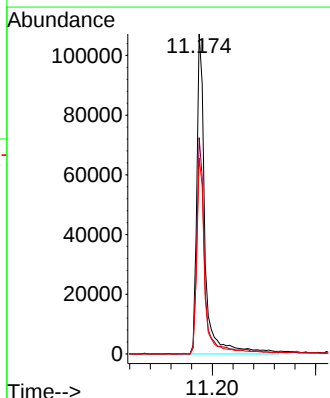
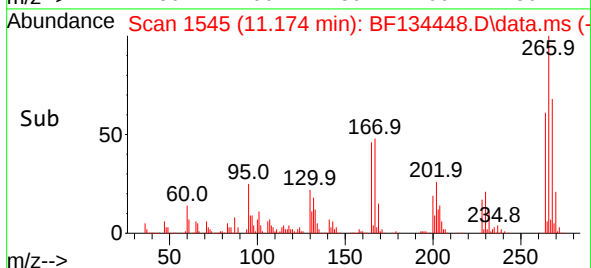
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

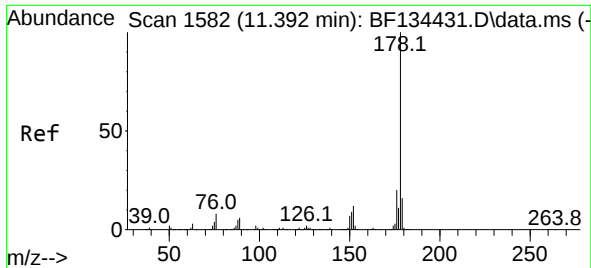


#70
 Pentachlorophenol
 Concen: 108.807 ng
 RT: 11.174 min Scan# 1545
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31



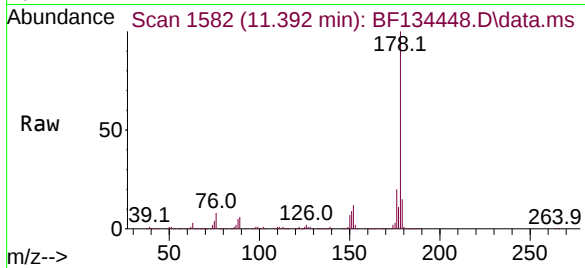
Tgt Ion:266 Resp: 118733
 Ion Ratio Lower Upper
 266 100
 268 67.6 52.9 79.3
 264 61.1 47.8 71.6





#71
Phenanthrene
Concen: 48.367 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

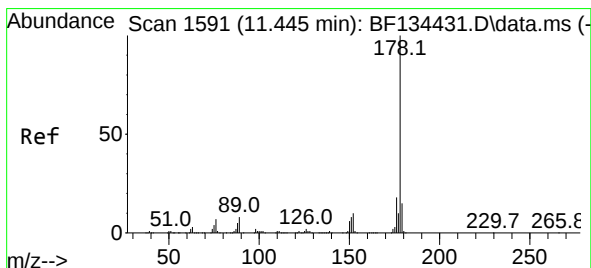
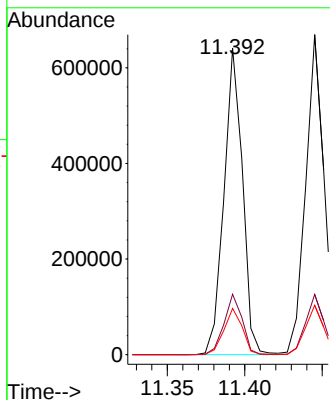
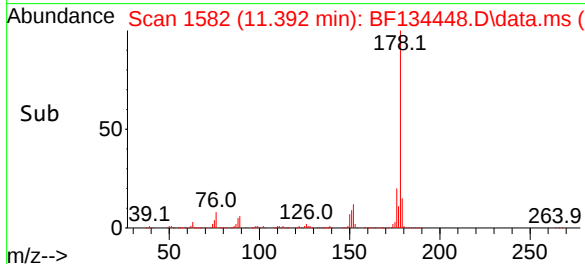
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



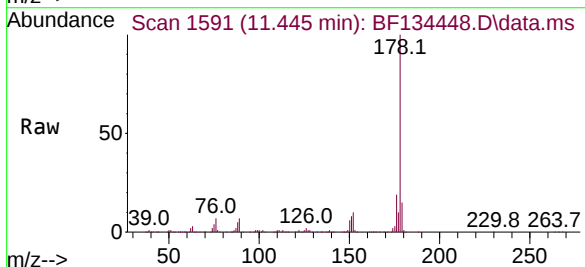
Tgt Ion:178 Resp: 532583
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.1 12.7 19.1

Manual Integrations
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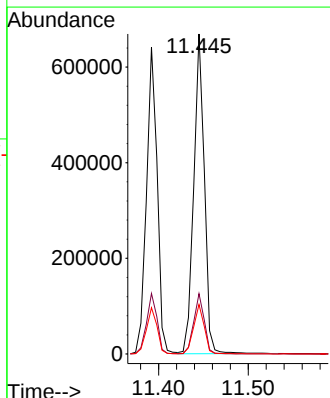
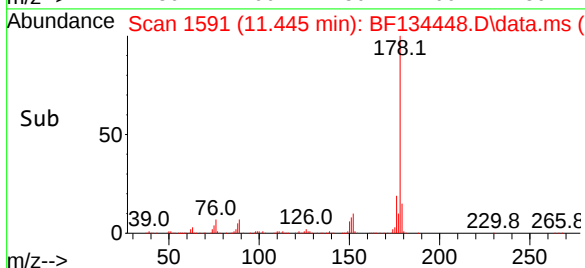
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

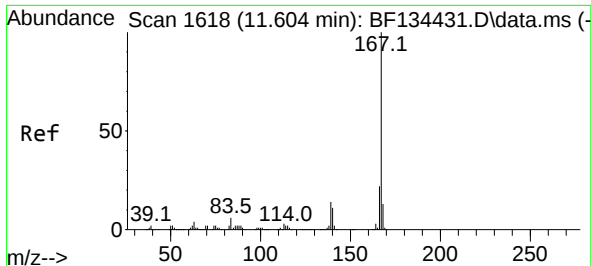


#72
Anthracene
Concen: 48.366 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



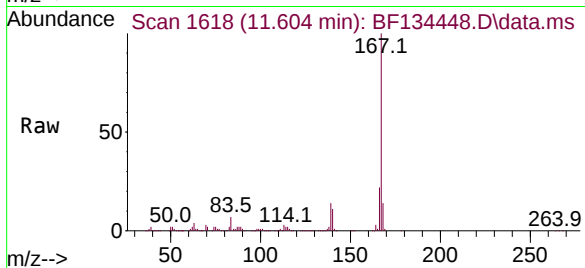
Tgt Ion:178 Resp: 549677
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 54.732 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

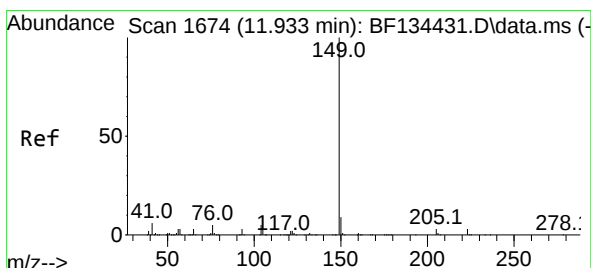
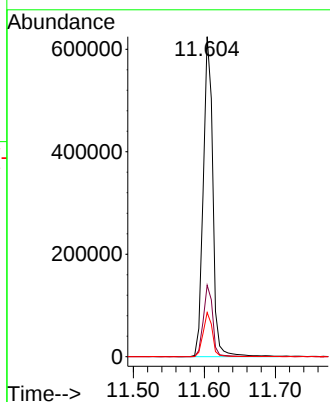
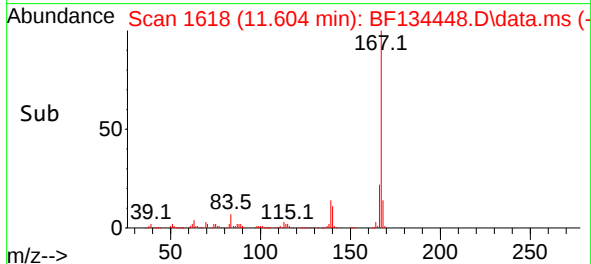
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



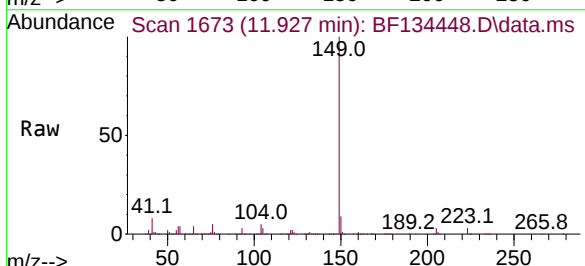
Tgt Ion:167 Resp: 585748
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 13.8 11.0 16.4

Manual Integrations
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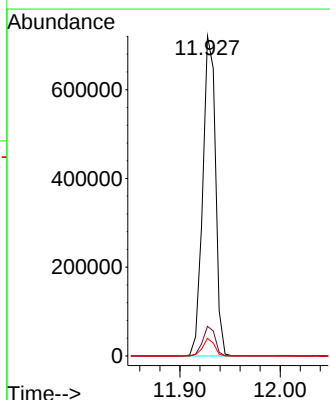
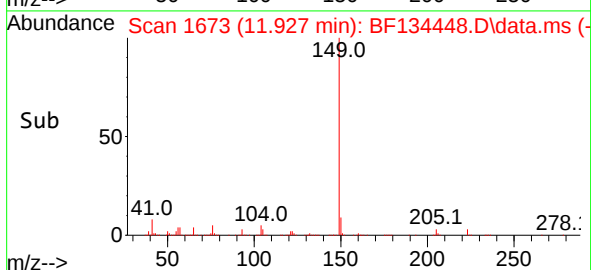
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

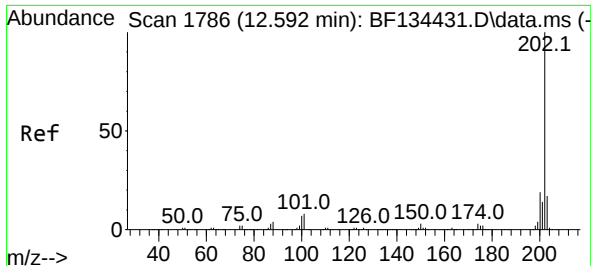


#74
 Di-n-butylphthalate
 Concen: 52.243 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31



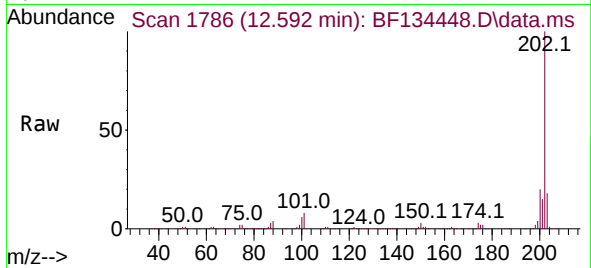
Tgt Ion:149 Resp: 641820
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 45.634 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

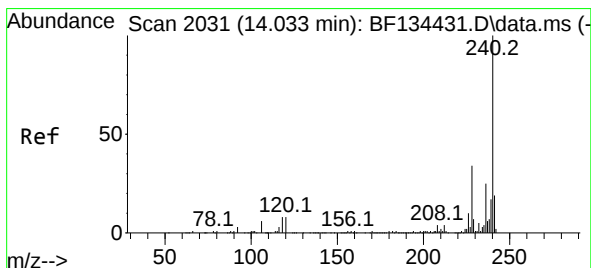
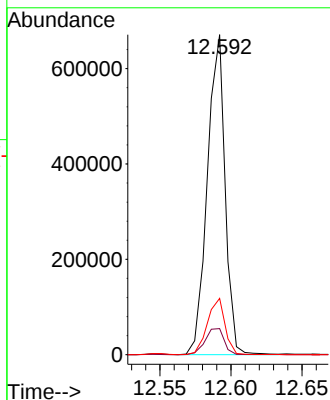
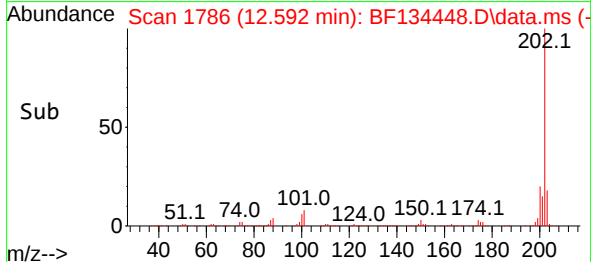
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:202 Resp: 58562
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.5
203 17.6 0.0 37.5

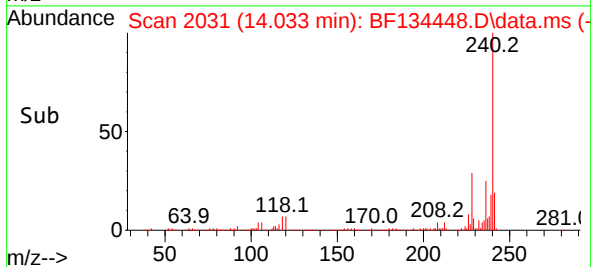
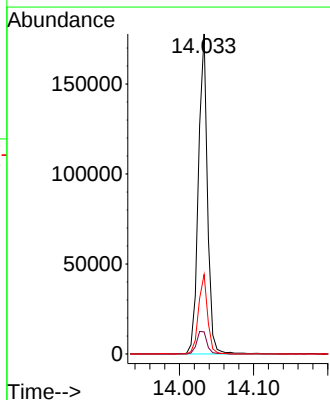
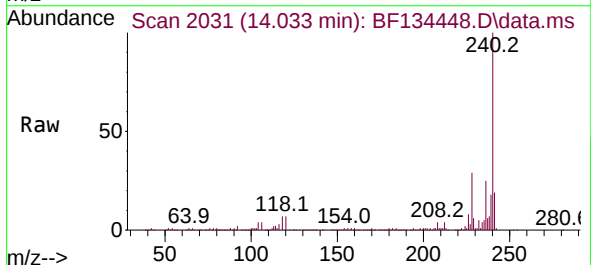
Manual Integrations
APPROVED

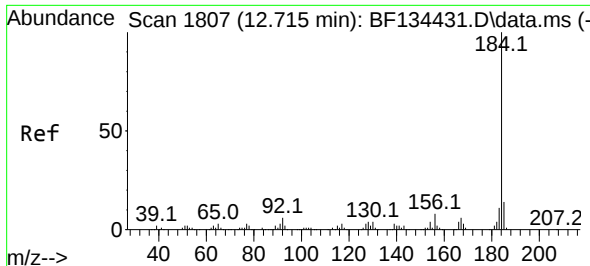
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

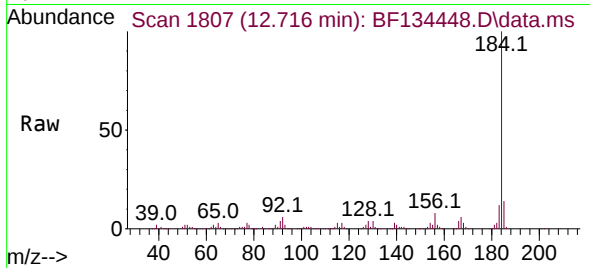
Tgt Ion:240 Resp: 150091
Ion Ratio Lower Upper
240 100
120 6.9 6.6 10.0
236 24.9 20.2 30.2





#77
Benzidine
Concen: 86.624 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.001 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

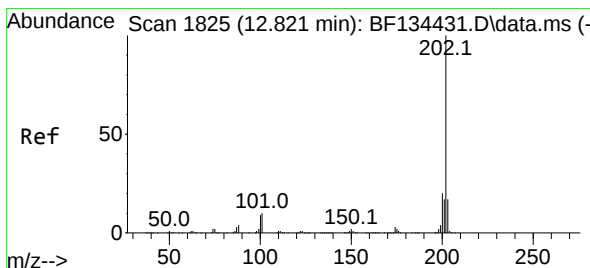
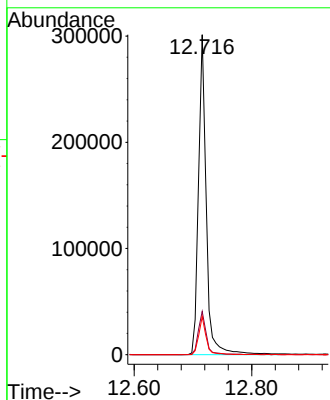
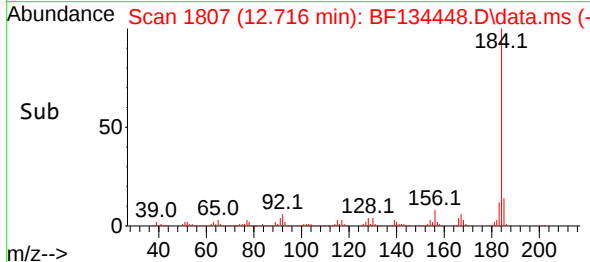
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:184 Resp: 277607
Ion Ratio Lower Upper
184 100
185 13.5 11.2 16.8
183 11.9 8.6 13.0

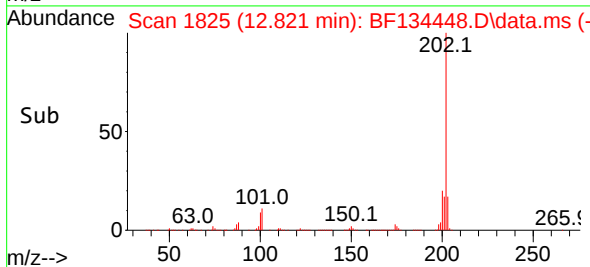
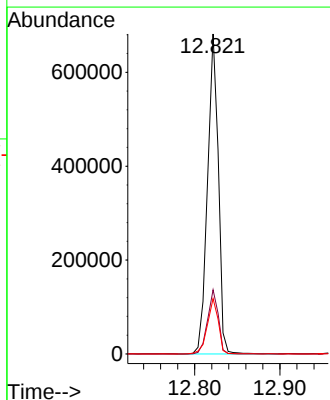
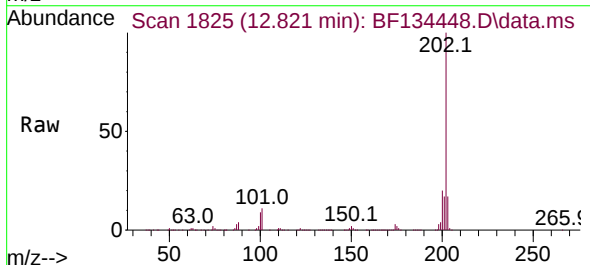
Manual Integrations
APPROVED

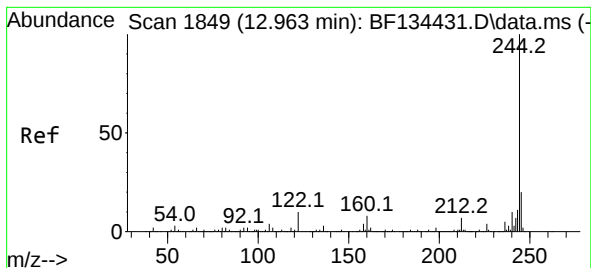
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#78
Pyrene
Concen: 50.257 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:202 Resp: 599771
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 17.3 13.5 20.3





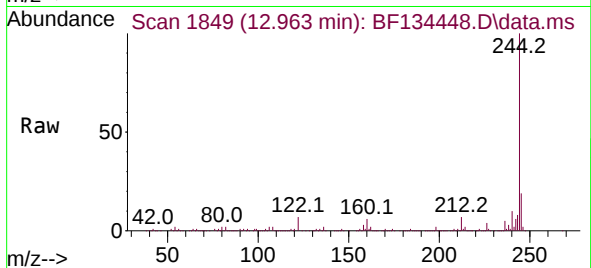
#79
 Terphenyl-d14
 Concen: 49.717 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

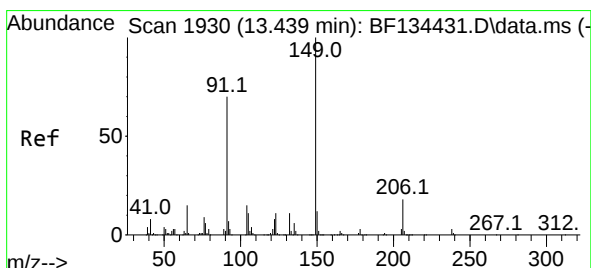
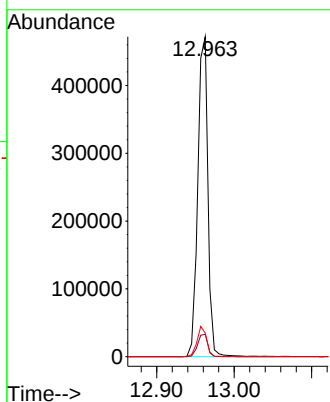
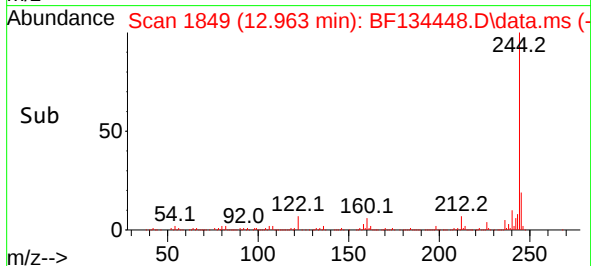


Tgt Ion:244 Resp: 42746
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 7.3 8.0 12.0

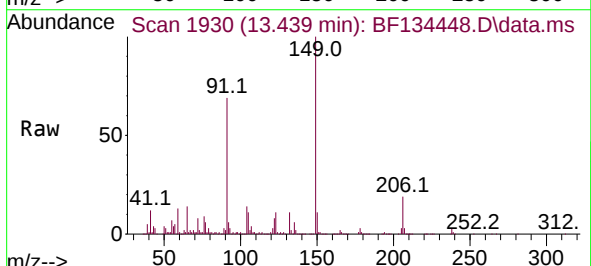
Manual Integrations

APPROVED

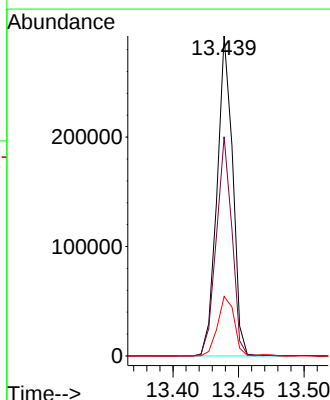
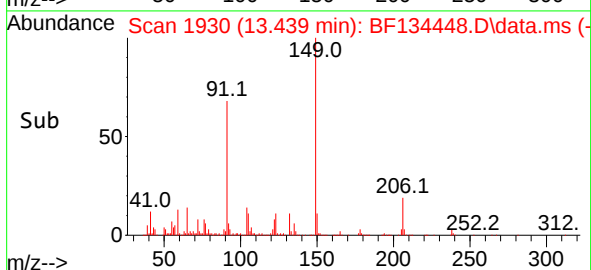
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

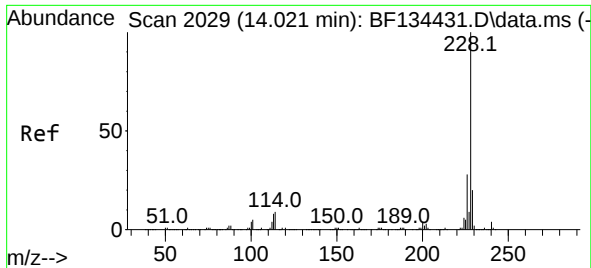


#80
 Butylbenzylphthalate
 Concen: 50.719 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF134448.D
 Acq: 25 Jul 2023 01:31



Tgt Ion:149 Resp: 242456
 Ion Ratio Lower Upper
 149 100
 91 68.5 55.8 83.6
 206 18.6 14.6 21.8





#81
Benzo(a)anthracene
Concen: 47.445 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

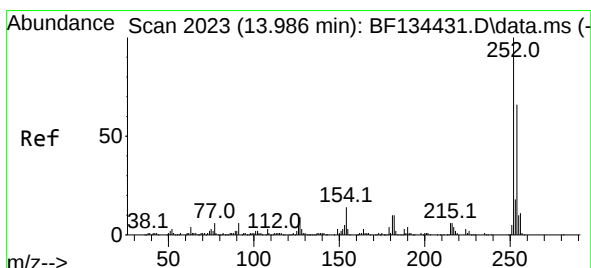
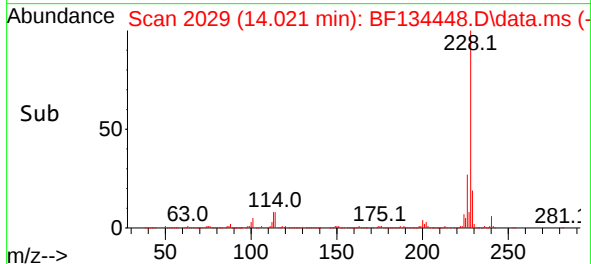
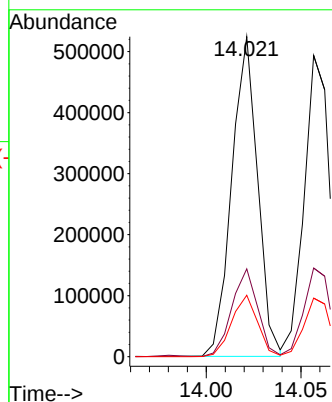
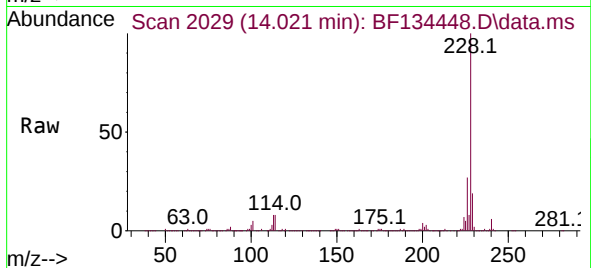
TP-3MSD

Tgt Ion:228 Resp: 496829
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.2 15.8 23.6

Manual Integrations

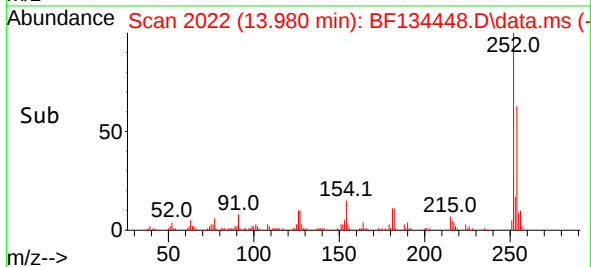
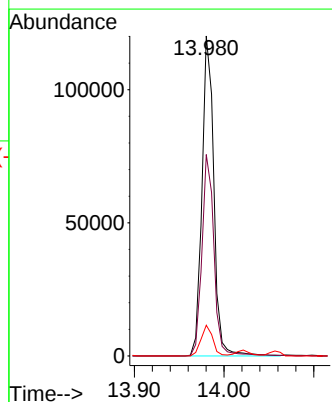
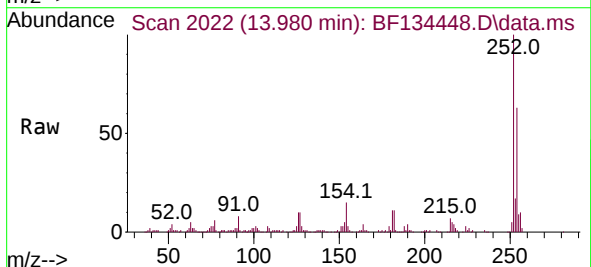
APPROVED

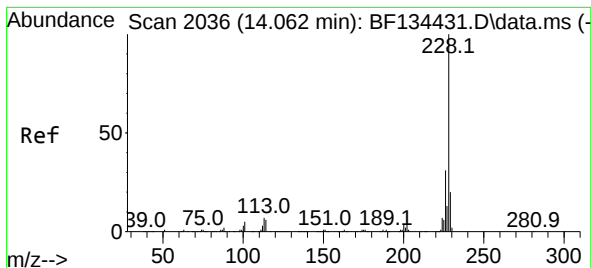
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.281 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

Tgt Ion:252 Resp: 110380
Ion Ratio Lower Upper
252 100
254 63.0 52.7 79.1
126 9.6 7.2 10.8





#83

Chrysene

Concen: 45.930 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 46002

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

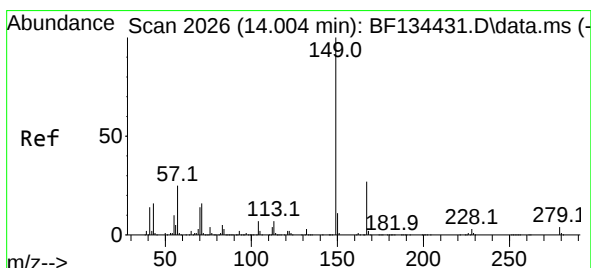
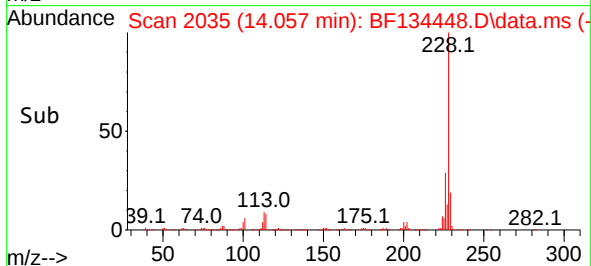
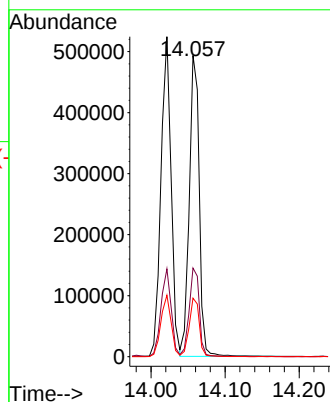
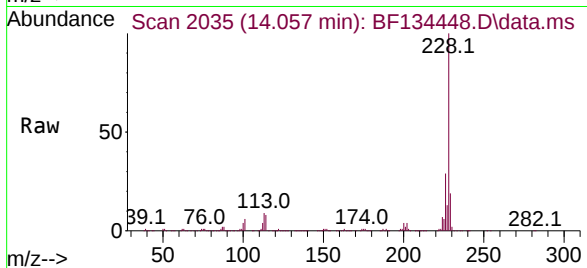
229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.693 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

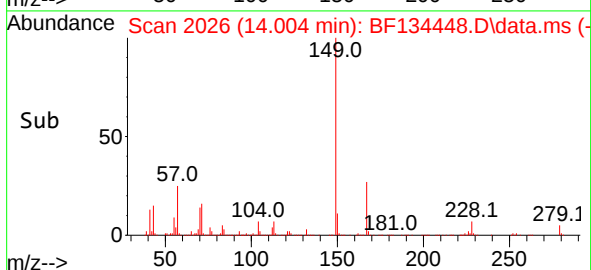
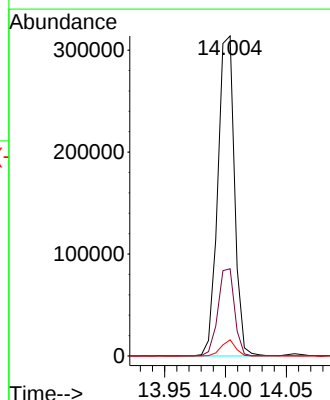
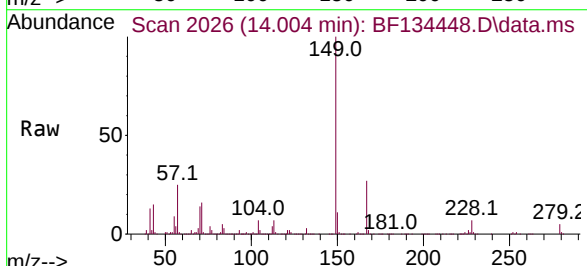
Tgt Ion:149 Resp: 300212

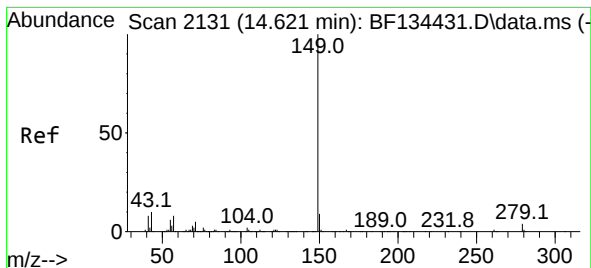
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 55.000 ng

RT: 14.621 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:149 Resp: 44389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

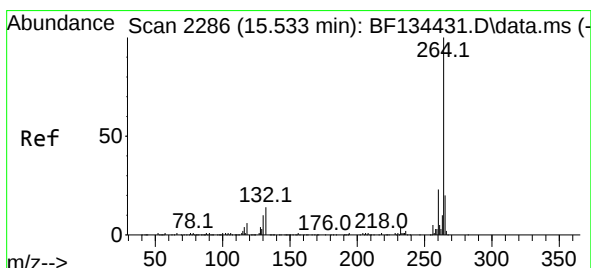
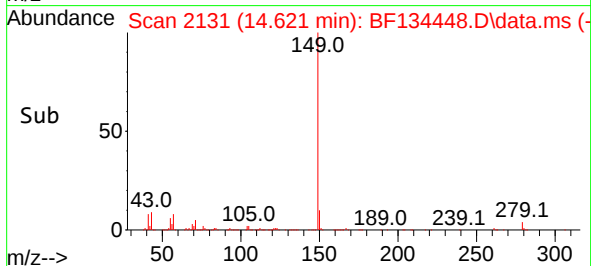
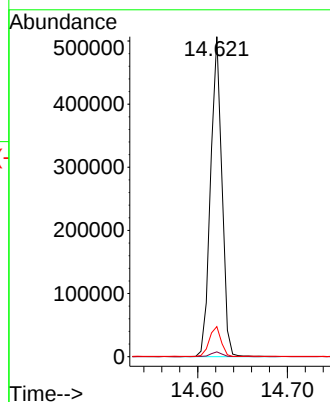
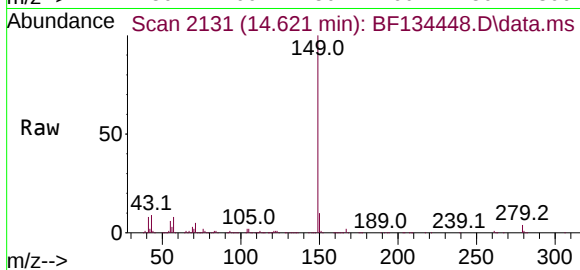
43 9.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

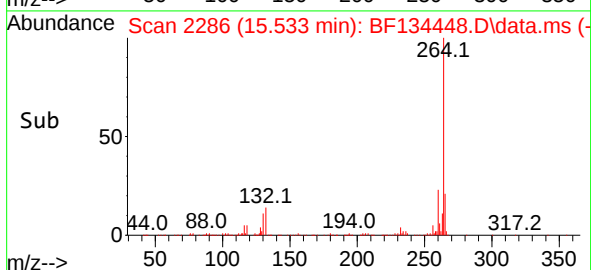
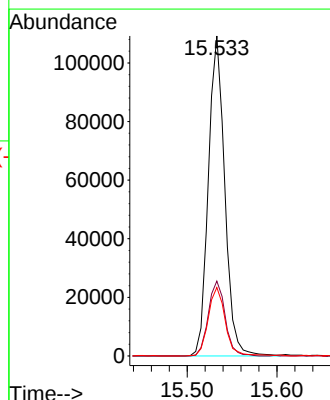
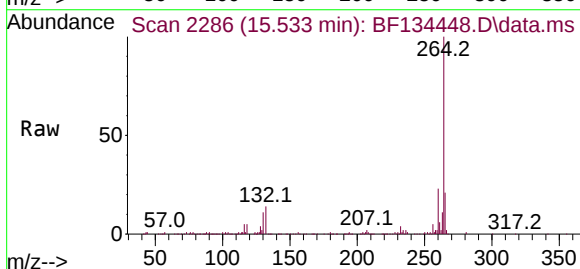
Tgt Ion:264 Resp: 138621

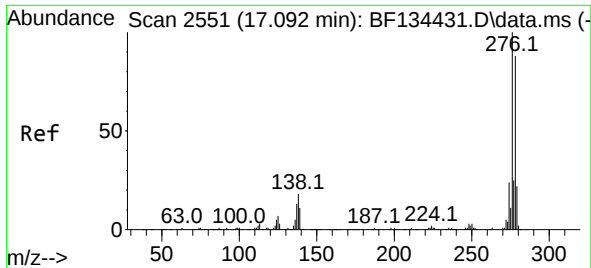
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

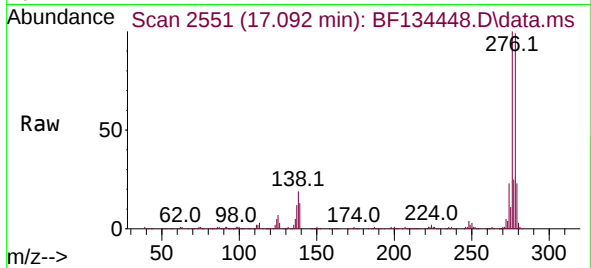
265 21.4 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.152 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

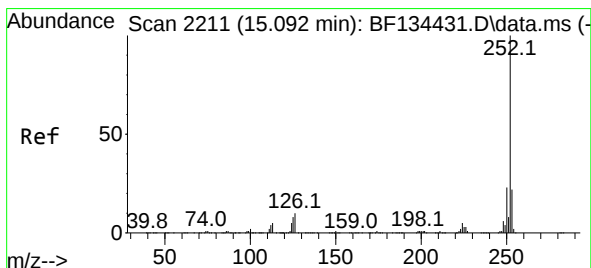
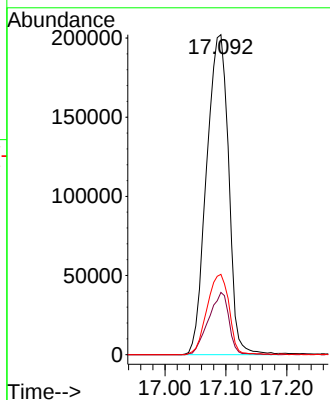
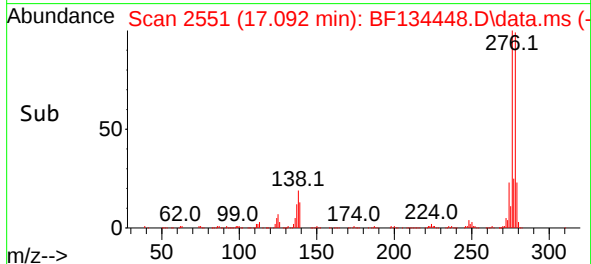
Instrument :
BNA_F
Client SampleId :
TP-3MSD



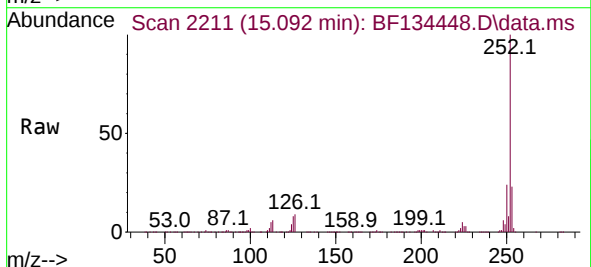
Tgt Ion: 276 Resp: 508520
Ion Ratio Lower Upper
276 100
138 18.2 14.2 21.4
277 25.2 19.9 29.9

Manual Integrations
APPROVED

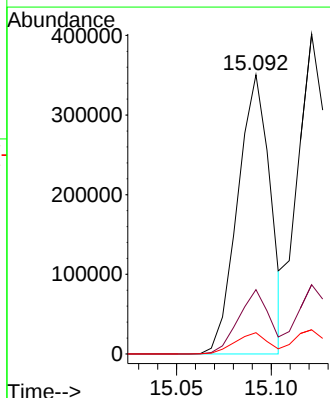
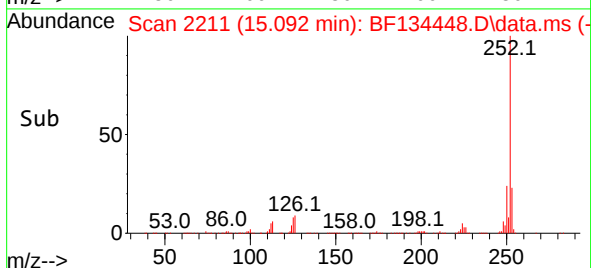
Reviewed By : Yogesh Patel 07/25/2023
Supervised By : mohammad ahmed 07/25/2023

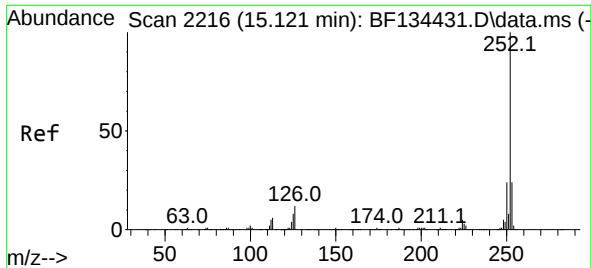


#88
Benzo(b)fluoranthene
Concen: 48.428 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



Tgt Ion: 252 Resp: 419975
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 7.6 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 49.999 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:252 Resp: 426418

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

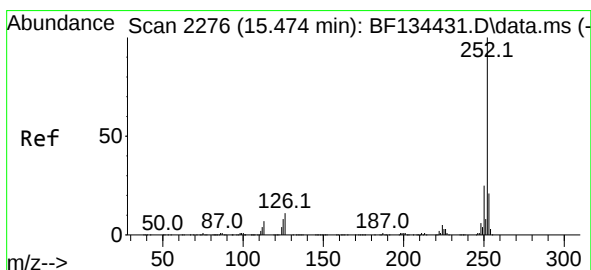
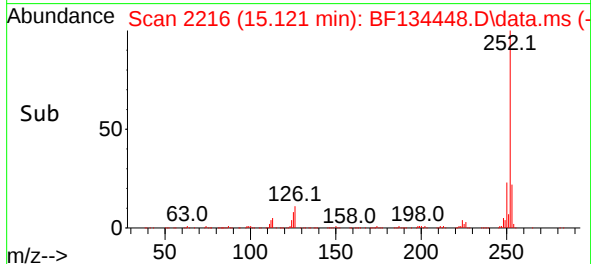
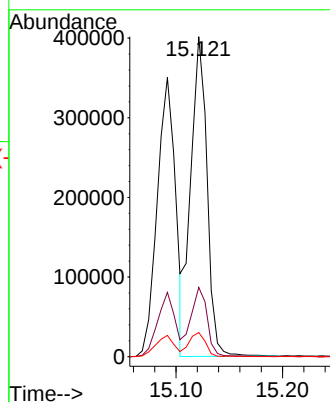
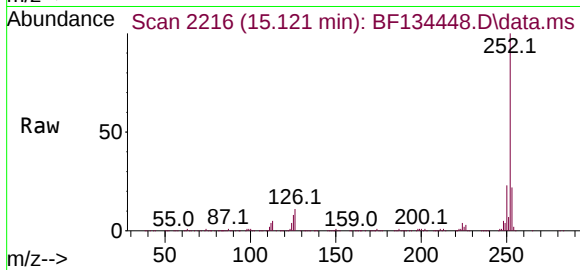
125 7.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#90

Benzo(a)pyrene

Concen: 46.911 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF134448.D

Acq: 25 Jul 2023 01:31

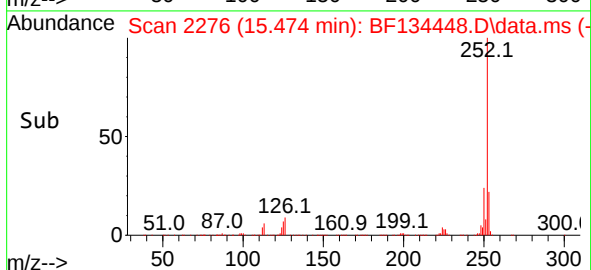
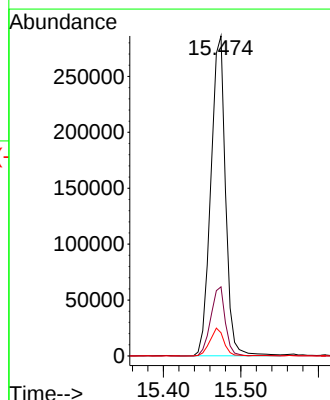
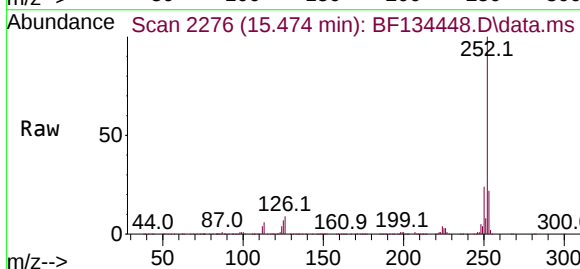
Tgt Ion:252 Resp: 376036

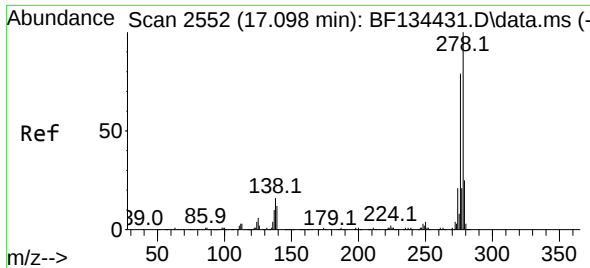
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

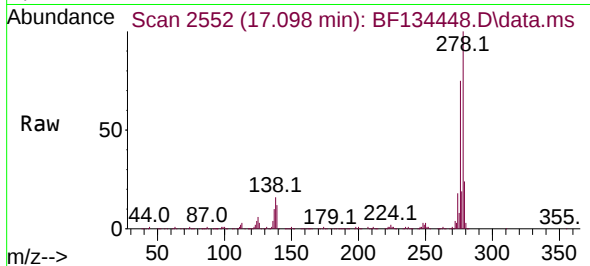
125 7.3 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 57.432 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31

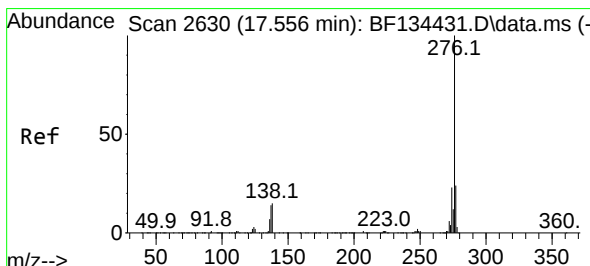
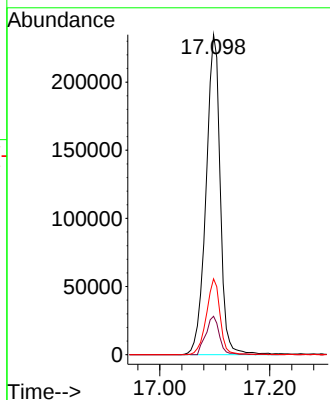
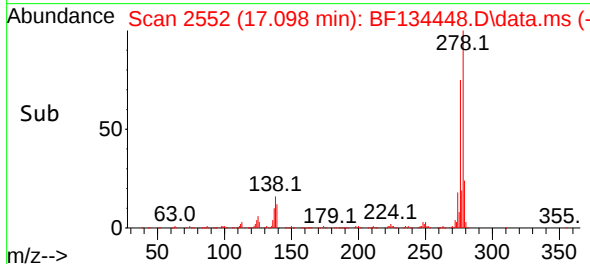
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



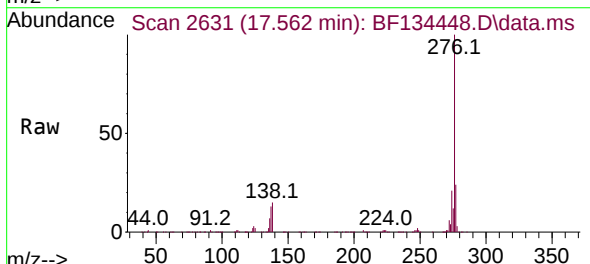
Tgt Ion:278 Resp: 420035
Ion Ratio Lower Upper
278 100
139 12.0 10.0 15.0
279 23.7 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#92
Benzo(g,h,i)perylene
Concen: 54.863 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.006 min
Lab File: BF134448.D
Acq: 25 Jul 2023 01:31



Tgt Ion:276 Resp: 411999
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 14.7 12.2 18.2

