

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134547.D
 Acq On : 01 Aug 2023 14:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 02:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	220485	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	863869	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	433432	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	785259	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	498206	20.000	ng	0.00
86) Perylene-d12	15.415	264	453778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1078872	74.381	ng	0.00
7) Phenol-d6	6.428	99	1403758	75.709	ng	0.00
23) Nitrobenzene-d5	7.357	82	1150891	83.256	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	357482	80.907	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1962270	75.275	ng	0.00
79) Terphenyl-d14	12.910	244	2173886	76.921	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	246814	36.984	ng	96
3) Pyridine	3.299	79	679650	37.584	ng	93
4) n-Nitrosodimethylamine	3.269	42	331092	38.319	ng	# 69
6) Aniline	6.463	93	922213	37.921	ng	92
8) 2-Chlorophenol	6.581	128	569630	38.931	ng	94
9) Benzaldehyde	6.345	77	331514	35.734	ng	98
10) Phenol	6.440	94	690580m	37.795	ng	
11) bis(2-Chloroethyl)ether	6.540	93	556431	38.335	ng	92
12) 1,3-Dichlorobenzene	6.734	146	573712	37.898	ng	97
13) 1,4-Dichlorobenzene	6.810	146	569533	37.539	ng	99
14) 1,2-Dichlorobenzene	6.963	146	534475	37.809	ng	97
15) Benzyl Alcohol	6.939	79	496454	38.812	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	874641	38.463	ng	88
17) 2-Methylphenol	7.045	107	498816	38.580	ng	93
18) Hexachloroethane	7.304	117	210159	39.467	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	414017	37.295	ng	90
20) 3+4-Methylphenols	7.198	107	592885	38.023	ng	# 70
22) Acetophenone	7.204	105	727606	36.484	ng	# 91
24) Nitrobenzene	7.375	77	604513	40.478	ng	100
25) Isophorone	7.616	82	1130866	37.507	ng	98
26) 2-Nitrophenol	7.692	139	253546	40.707	ng	# 87
27) 2,4-Dimethylphenol	7.728	122	509523	37.874	ng	86
28) bis(2-Chloroethoxy)met...	7.828	93	685570	38.011	ng	99
29) 2,4-Dichlorophenol	7.928	162	466624	38.217	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	494525	37.981	ng	99
31) Naphthalene	8.098	128	1603497	36.933	ng	99
32) Benzoic acid	7.845	122	345390	40.774	ng	89
33) 4-Chloroaniline	8.145	127	705854	36.487	ng	99
34) Hexachlorobutadiene	8.216	225	284678	37.905	ng	96
35) Caprolactam	8.522	113	150317	38.158	ng	91
36) 4-Chloro-3-methylphenol	8.622	107	491219	37.988	ng	91
37) 2-Methylnaphthalene	8.786	142	1072411	37.265	ng	100
38) 1-Methylnaphthalene	8.886	142	1001669	37.431	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	470529	37.332	ng	97
41) Hexachlorocyclopentadiene	8.939	237	252514	41.199	ng	91
43) 2,4,6-Trichlorophenol	9.063	196	323156	39.177	ng	96

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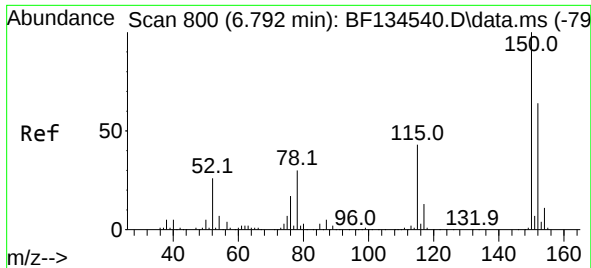
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	372716	39.535	ng	91
46) 1,1'-Biphenyl	9.251	154	1270680	37.700	ng	97
47) 2-Chloronaphthalene	9.275	162	947519	37.518	ng	97
48) 2-Nitroaniline	9.369	65	313679	40.378	ng	98
49) Acenaphthylene	9.692	152	1489627	37.524	ng	99
50) Dimethylphthalate	9.557	163	1122995	38.014	ng	98
51) 2,6-Dinitrotoluene	9.616	165	242210	40.431	ng	88
52) Acenaphthene	9.863	154	978978	38.053	ng	98
53) 3-Nitroaniline	9.786	138	286641	43.533	ng	98
54) 2,4-Dinitrophenol	9.880	184	76990	41.901	ng	89
55) Dibenzofuran	10.033	168	1370571	37.424	ng	95
56) 4-Nitrophenol	9.933	139	217063	40.307	ng	# 78
57) 2,4-Dinitrotoluene	10.016	165	299386	41.370	ng	# 92
58) Fluorene	10.380	166	969176	36.332	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	292802m	39.257	ng	
60) Diethylphthalate	10.257	149	1074611	38.377	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	485037	36.992	ng	91
62) 4-Nitroaniline	10.398	138	273261	42.341	ng	89
63) Azobenzene	10.533	77	1123414	37.342	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	119943	39.641	ng	93
66) n-Nitrosodiphenylamine	10.492	169	948547	37.951	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	330514	38.449	ng	97
68) Hexachlorobenzene	10.922	284	343637	37.857	ng	99
69) Atrazine	11.022	200	266635	39.579	ng	97
70) Pentachlorophenol	11.110	266	238400	42.417	ng	96
71) Phenanthrene	11.339	178	1563111	37.476	ng	100
72) Anthracene	11.392	178	1577058	37.016	ng	99
73) Carbazole	11.545	167	1407093	36.990	ng	100
74) Di-n-butylphthalate	11.886	149	1588808	39.313	ng	98
75) Fluoranthene	12.527	202	1629705	36.989	ng	96
77) Benzidine	12.651	184	470254	43.482	ng	96
78) Pyrene	12.757	202	1666439	38.655	ng	97
80) Butylbenzylphthalate	13.392	149	622664	42.714	ng	# 95
81) Benzo(a)anthracene	13.945	228	1379999	38.738	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	405343	39.254	ng	# 99
83) Chrysene	13.986	228	1333978	38.435	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	713153	41.571	ng	100
85) Di-n-octyl phthalate	14.574	149	1091383	41.835	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	1056499	39.587	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	1063120	38.414	ng	# 98
89) Benzo(k)fluoranthene	15.021	252	1084479	39.336	ng	# 98
90) Benzo(a)pyrene	15.357	252	999163	38.721	ng	# 98
91) Dibenzo(a,h)anthracene	16.909	278	872627	40.459	ng	# 95
92) Benzo(g,h,i)perylene	17.333	276	874057	39.729	ng	# 94

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

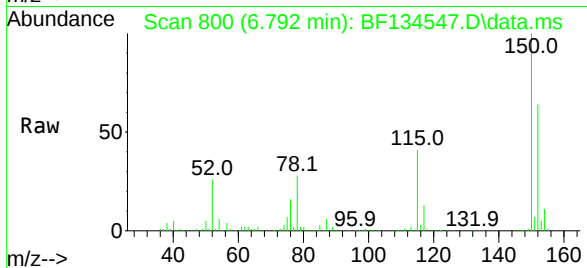


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

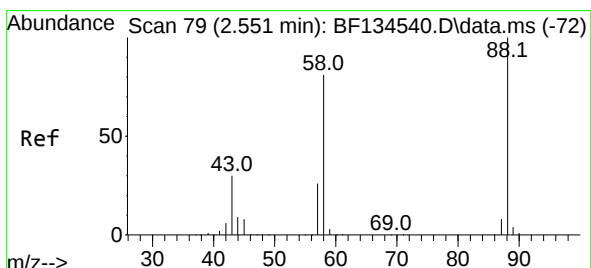
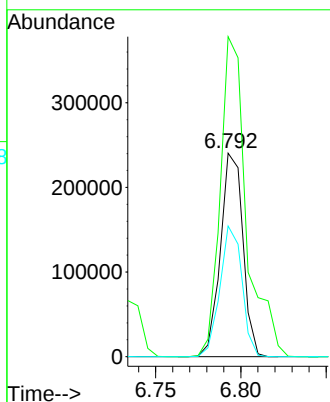
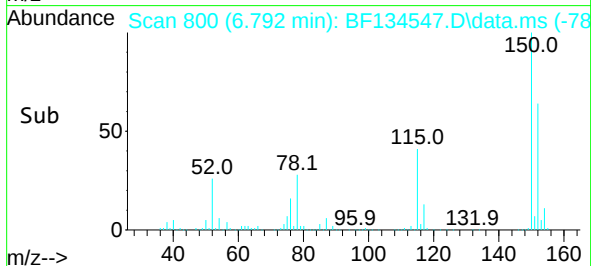


Tgt Ion:152 Resp: 220485
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.3 192.5
 115 64.2 52.4 78.6

Manual Integrations

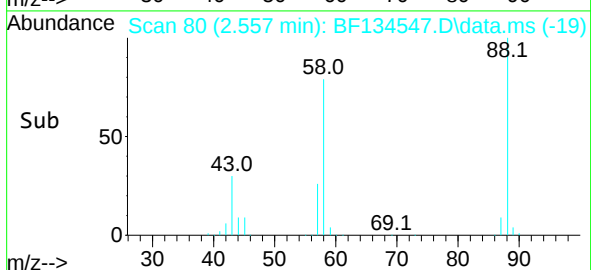
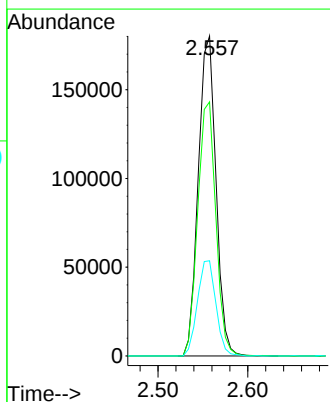
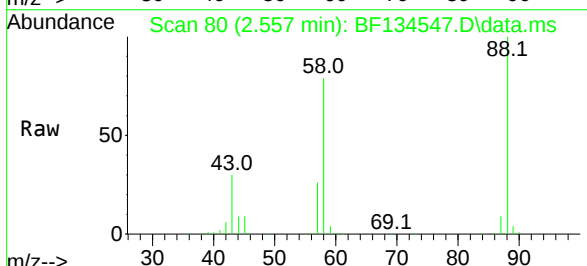
APPROVED

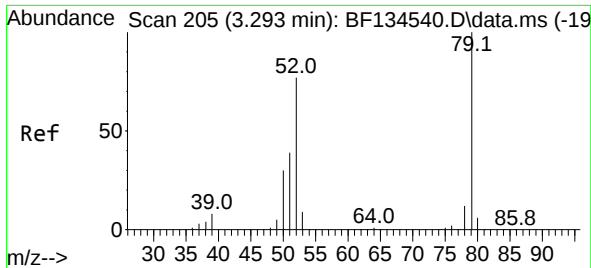
Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023



#2
 1,4-Dioxane
 Concen: 36.984 ng
 RT: 2.557 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27

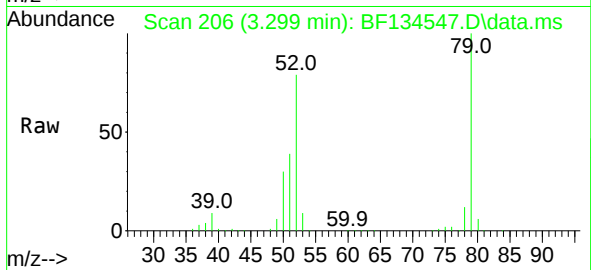
Tgt Ion: 88 Resp: 246814
 Ion Ratio Lower Upper
 88 100
 58 81.4 65.1 97.7
 43 31.1 30.3 45.5





#3
Pyridine
Concen: 37.584 ng
RT: 3.299 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

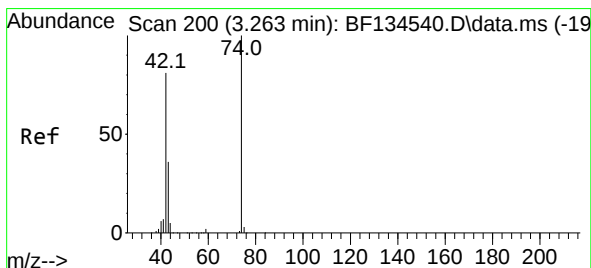
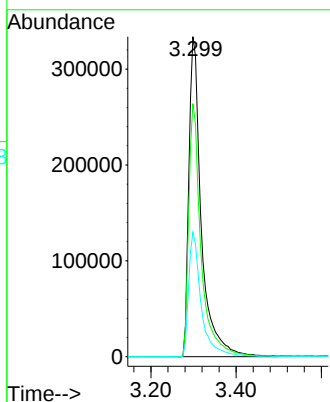
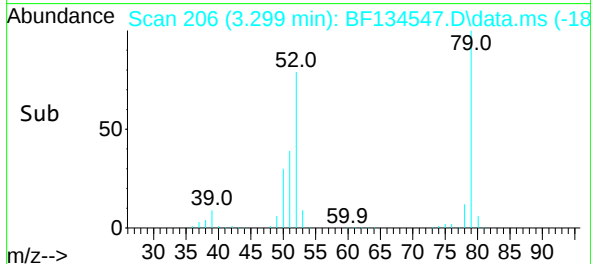
Instrument :
BNA_F
ClientSampleId :



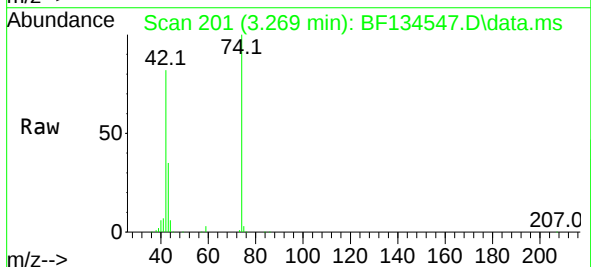
Tgt Ion: 79 Resp: 679650
Ion Ratio Lower Upper
79 100
52 79.1 66.6 100.0
51 38.8 36.5 54.7

Manual Integrations
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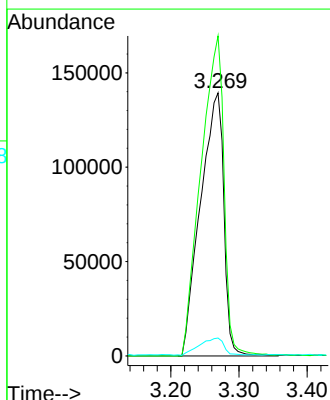
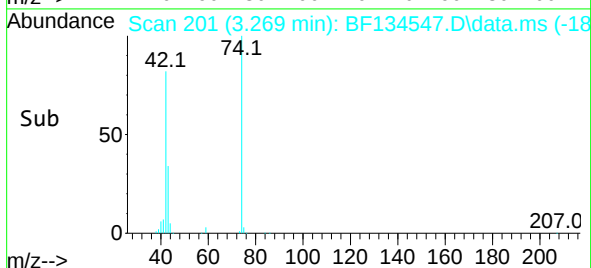
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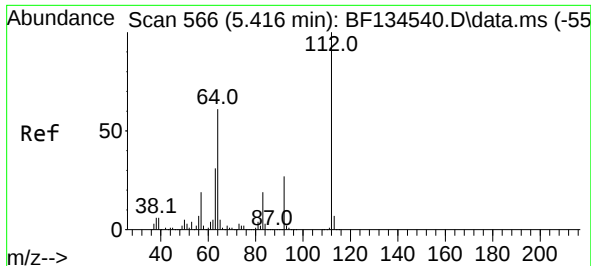


#4
n-Nitrosodimethylamine
Concen: 38.319 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.006 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 42 Resp: 331092
Ion Ratio Lower Upper
42 100
74 121.7 72.2 108.4#
44 6.8 5.4 8.0



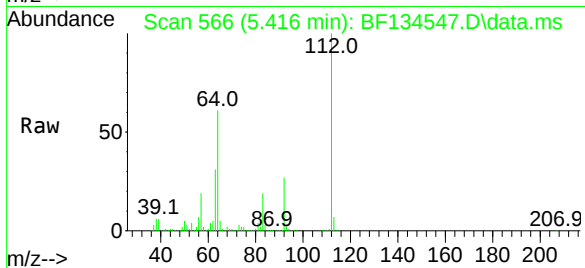


#5
2-Fluorophenol
Concen: 74.381 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

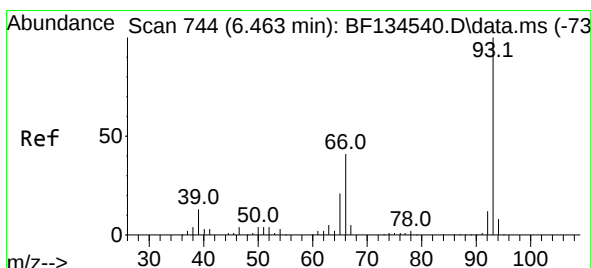
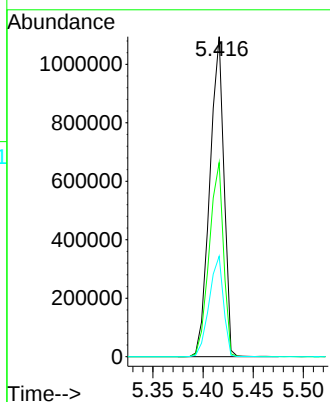
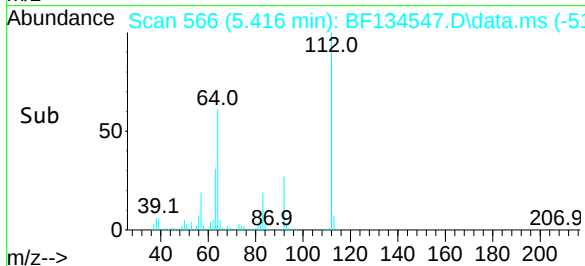
ClientSampleId :



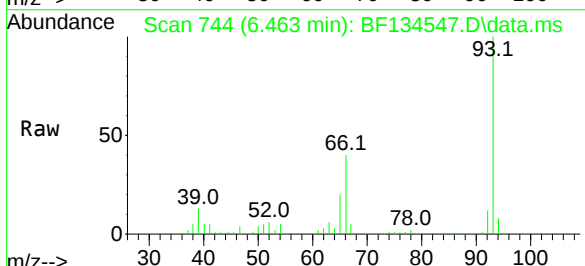
Tgt Ion:112 Resp: 1078872
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.4 25.4 38.0

Manual Integrations
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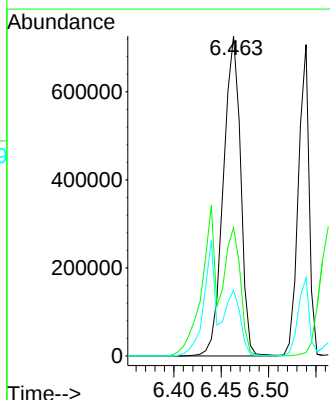
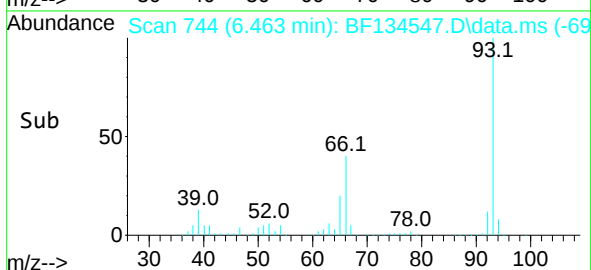
Reviewed By :Yogesh Patel 08/02/2023
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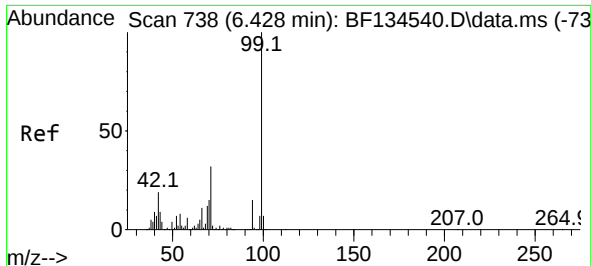


#6
Aniline
Concen: 37.921 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 93 Resp: 922213
Ion Ratio Lower Upper
93 100
66 40.2 36.8 55.2
65 20.5 19.4 29.0





#7

Phenol-d6

Concen: 75.709 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.000 min

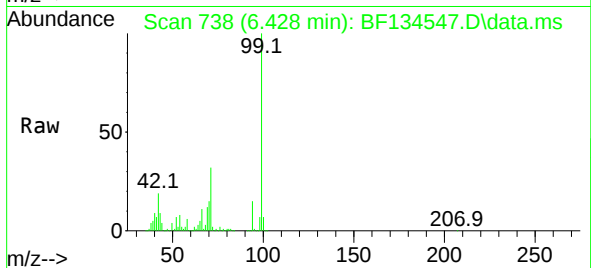
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Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 140375

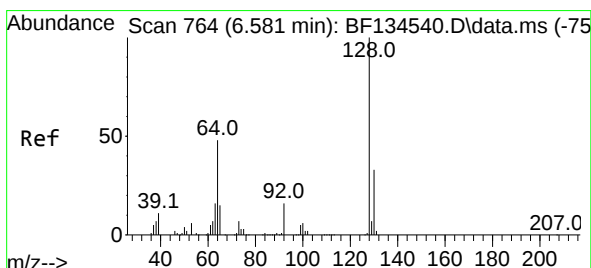
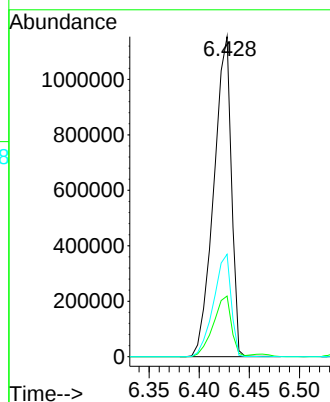
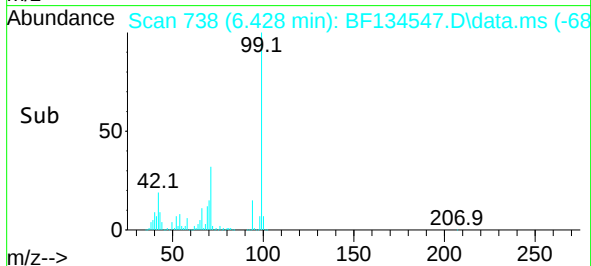
Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.7	28.1
71	32.0	36.4	54.6

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Supervised By :mohammad ahmed 08/02/2023



#8

2-Chlorophenol

Concen: 38.931 ng

RT: 6.581 min Scan# 764

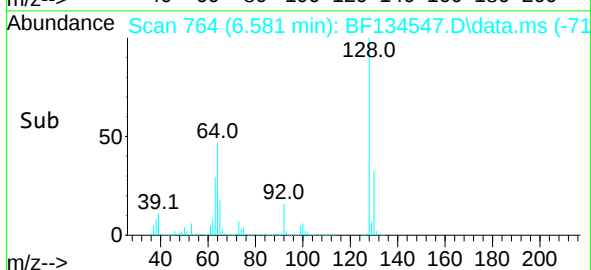
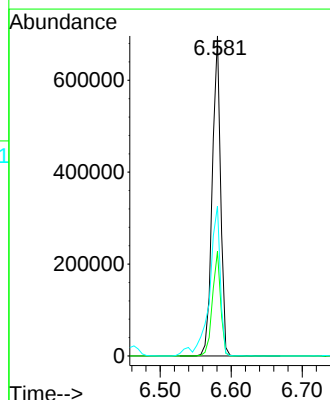
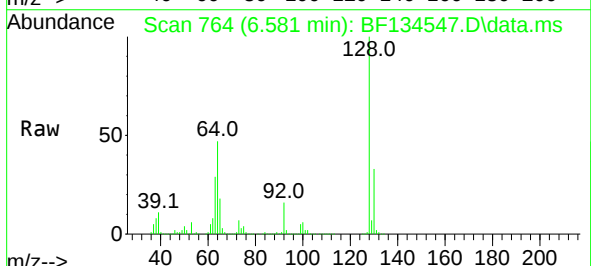
Delta R.T. 0.000 min

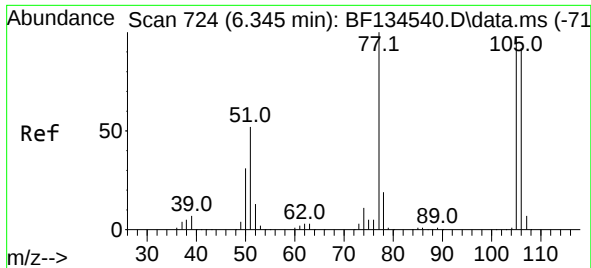
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Tgt Ion:128 Resp: 569630

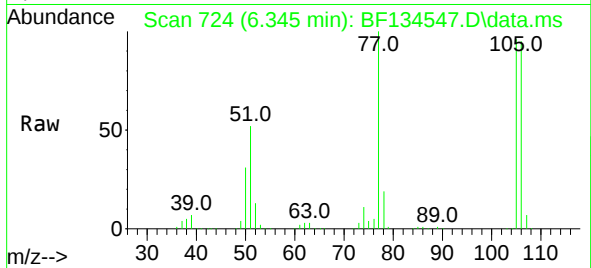
Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.1	51.1
64	46.9	31.9	71.9





#9
Benzaldehyde
Concen: 35.734 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

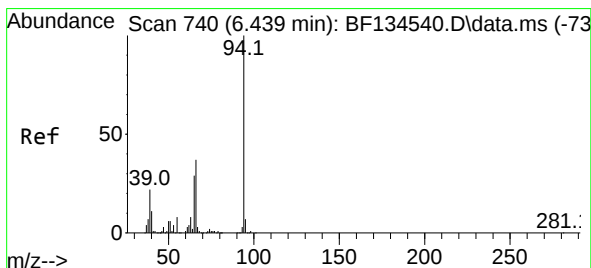
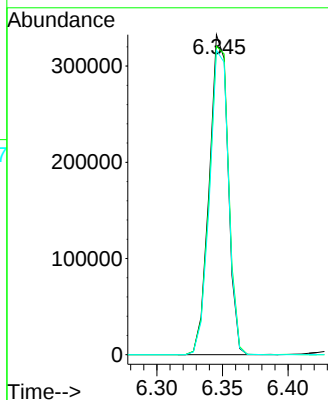
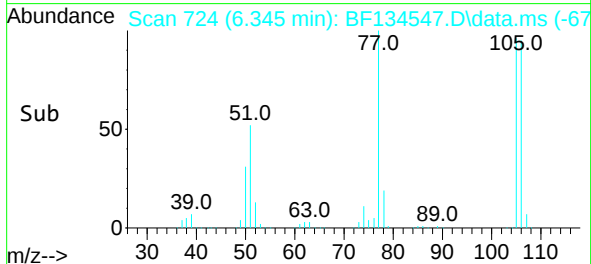
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 77 Resp: 331514
Ion Ratio Lower Upper
77 100
105 96.4 77.1 117.1
106 95.2 71.4 111.4

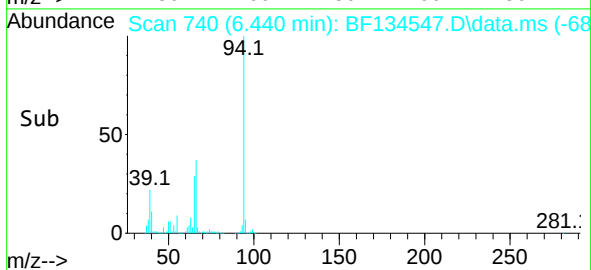
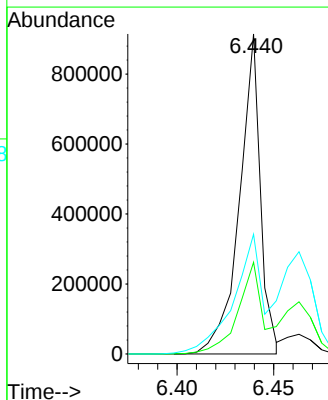
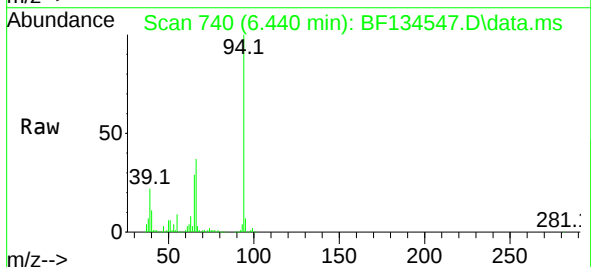
Manual Integrations
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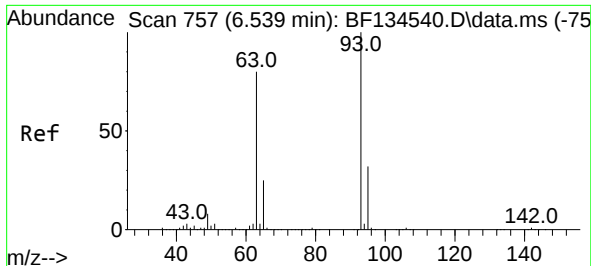
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#10
Phenol
Concen: 37.795 ng m
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

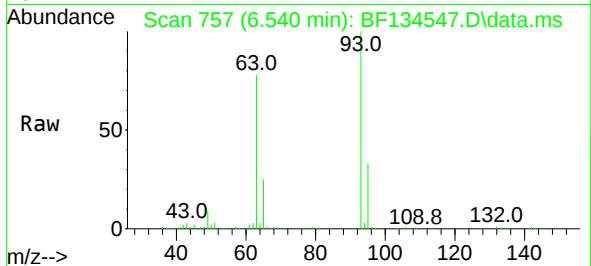
Tgt Ion: 94 Resp: 690580
Ion Ratio Lower Upper
94 100
65 28.7 17.8 57.8
66 37.4 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 38.335 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

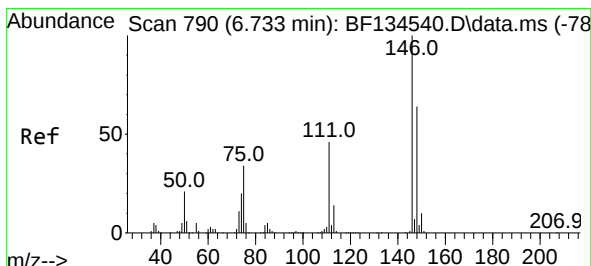
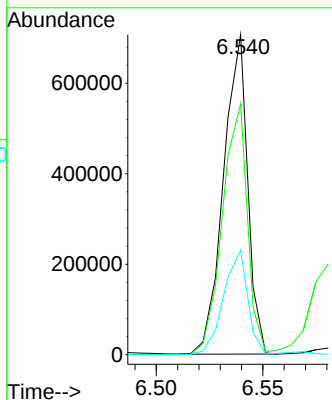
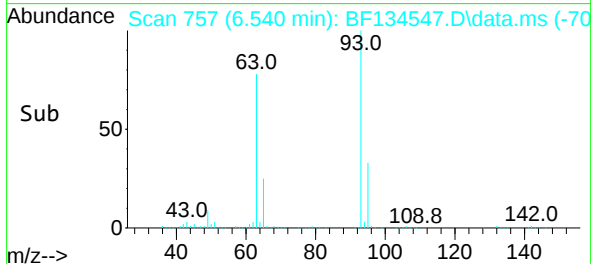
Instrument :
BNA_F
ClientSampleId :



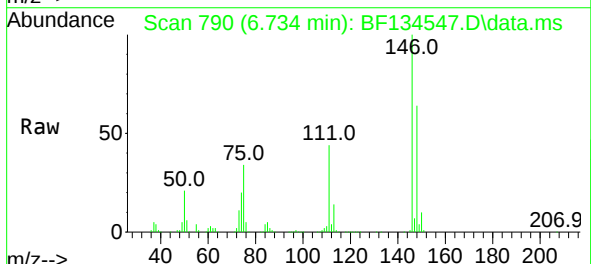
Tgt Ion: 93 Resp: 55643
Ion Ratio Lower Upper
93 100
63 78.3 68.4 108.4
95 32.6 12.4 52.4

Manual Integrations
APPROVED

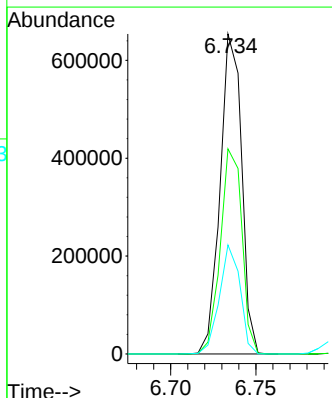
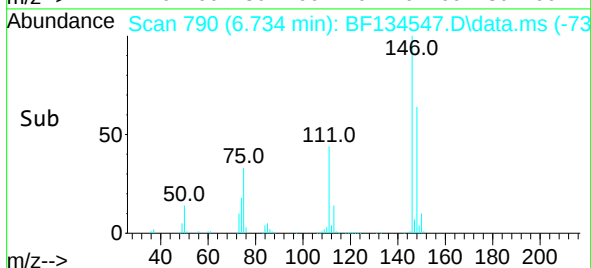
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

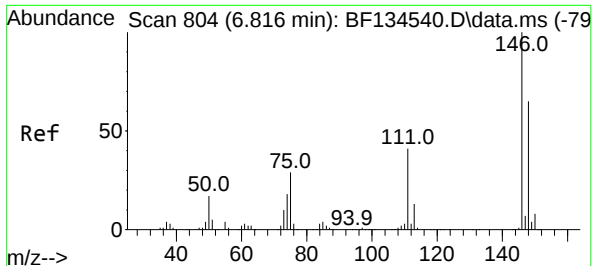


#12
1,3-Dichlorobenzene
Concen: 37.898 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:146 Resp: 573712
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
75 34.1 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 37.539 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:146 Resp: 56953

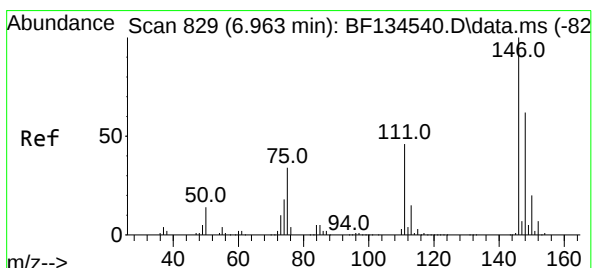
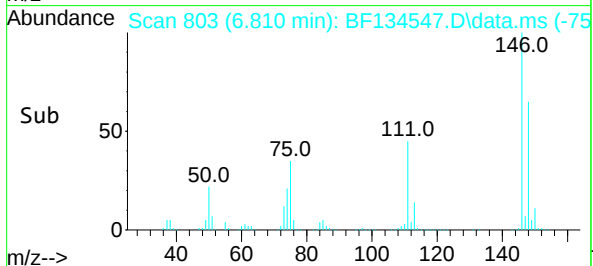
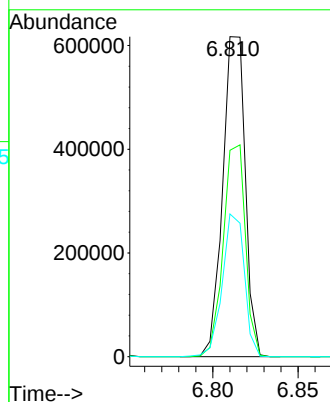
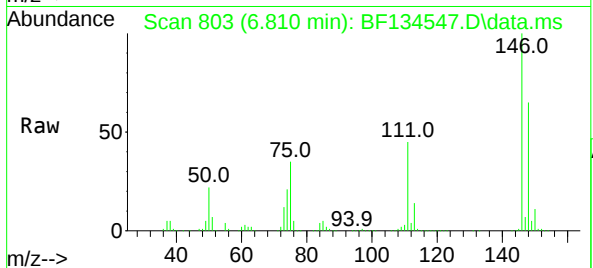
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	44.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#14

1,2-Dichlorobenzene

Concen: 37.809 ng

RT: 6.963 min Scan# 829

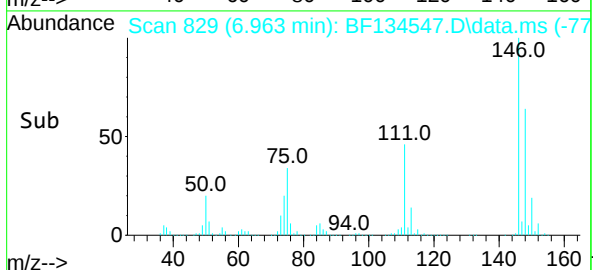
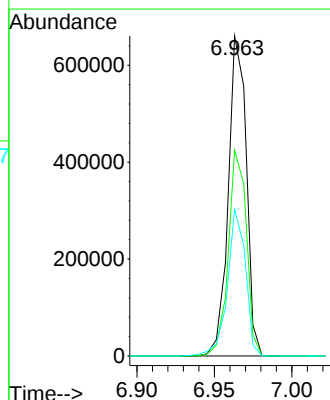
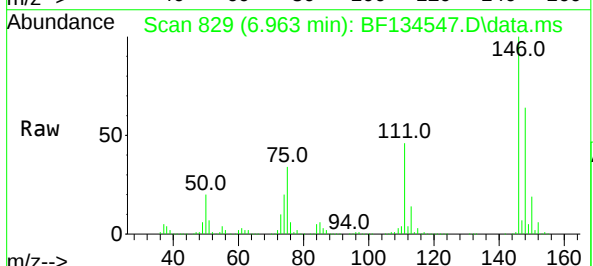
Delta R.T. 0.000 min

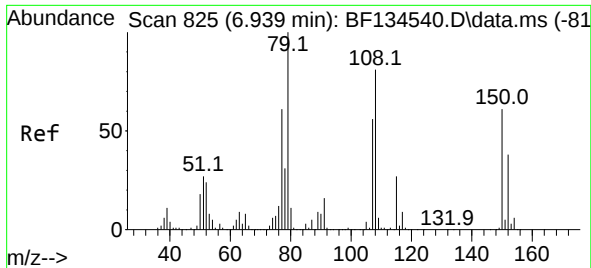
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Tgt Ion:146 Resp: 534475

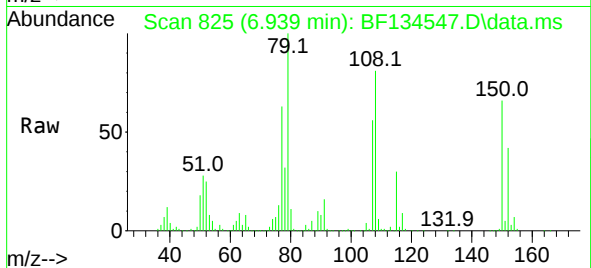
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	45.9	39.9	59.9





#15
Benzyl Alcohol
Concen: 38.812 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

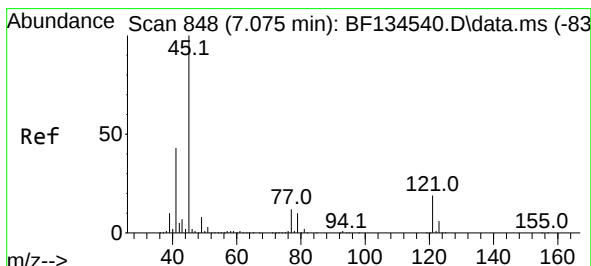
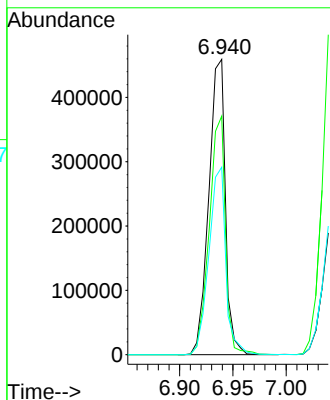
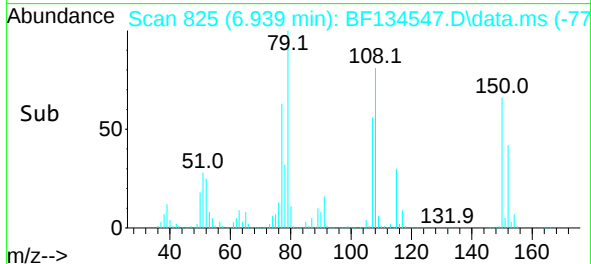
Instrument :
BNA_F
ClientSampleId :



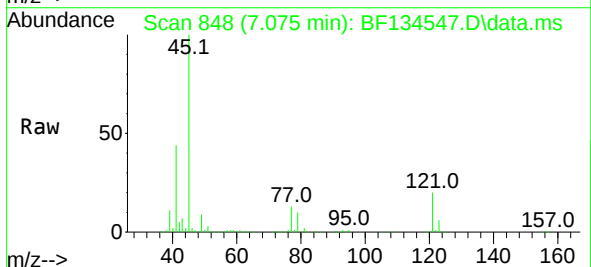
Tgt Ion: 79 Resp: 496454
Ion Ratio Lower Upper
79 100
108 80.8 56.3 84.5
77 63.5 50.6 76.0

Manual Integrations
APPROVED

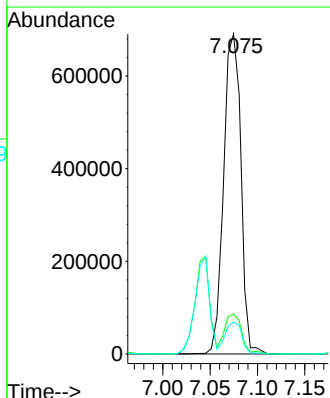
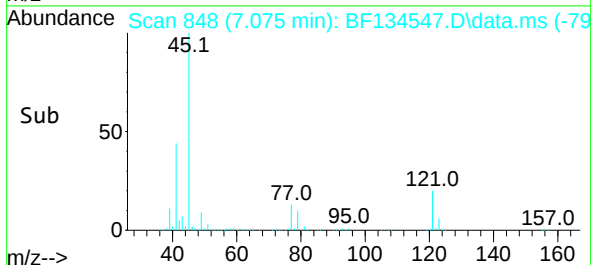
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

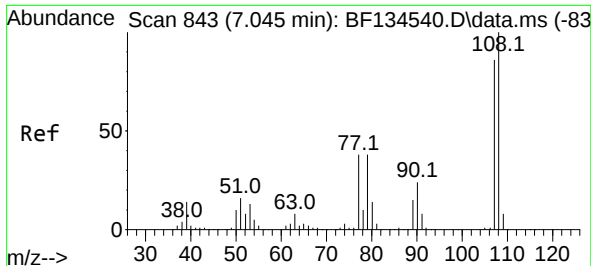


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.463 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 45 Resp: 874641
Ion Ratio Lower Upper
45 100
77 12.5 0.0 37.8
79 10.0 0.0 34.5



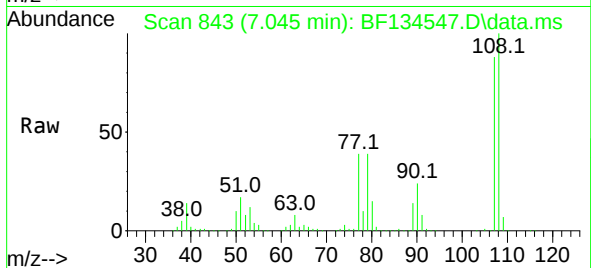


#17
2-Methylphenol
Concen: 38.580 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

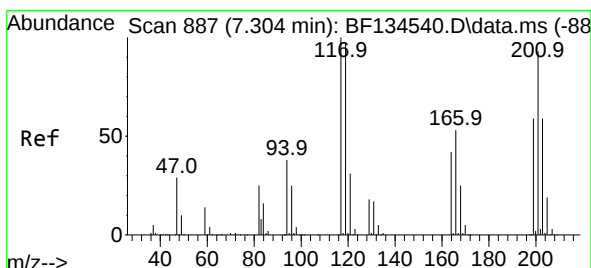
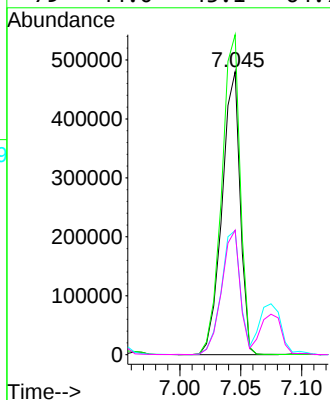
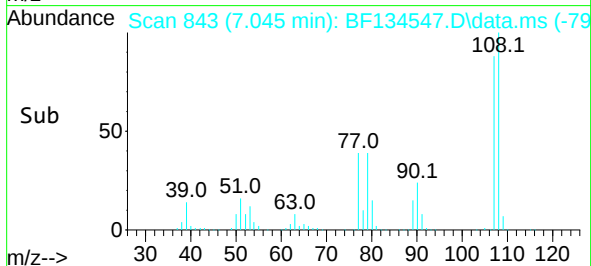


Tgt Ion:107 Resp: 498810
Ion Ratio Lower Upper
107 100
108 113.0 89.4 134.2
77 43.9 42.4 63.6
79 44.0 43.1 64.7

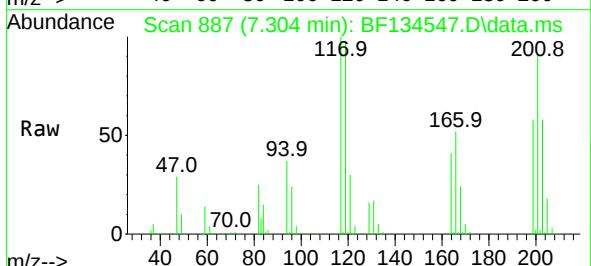
Manual Integrations

APPROVED

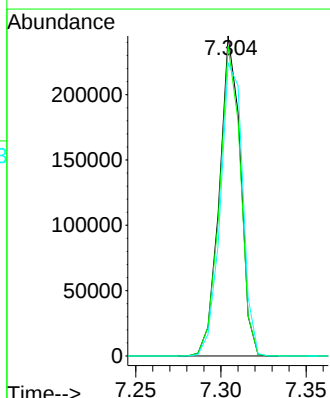
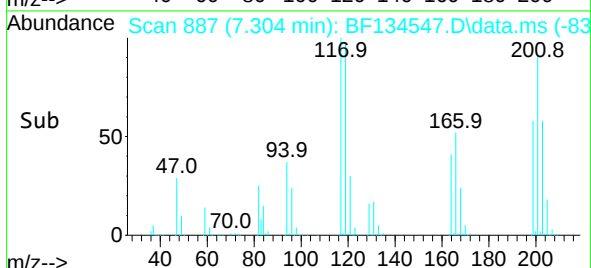
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

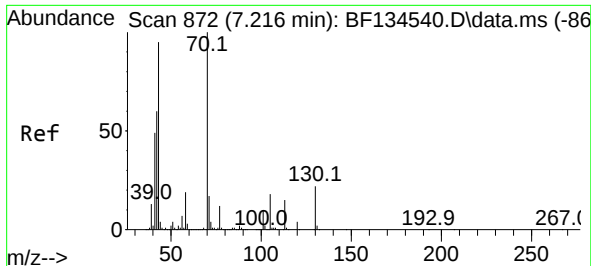


#18
Hexachloroethane
Concen: 39.467 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:117 Resp: 210159
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 91.4 73.6 110.4



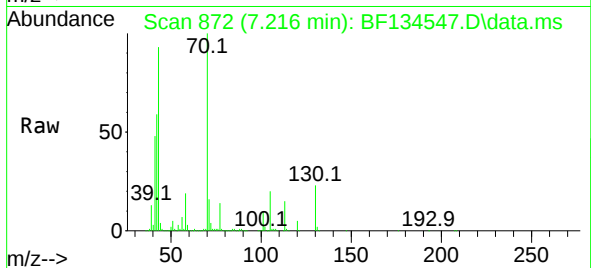


#19
n-Nitroso-di-n-propylamine
Concen: 37.295 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

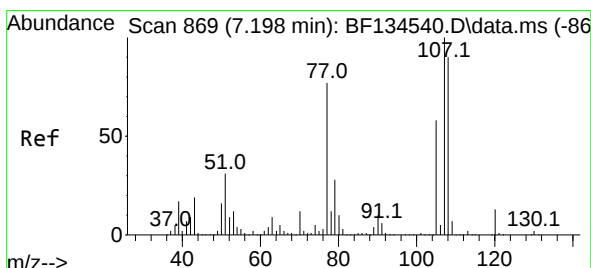
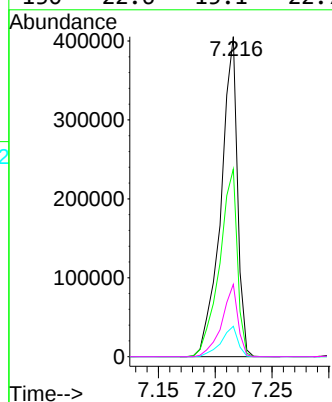
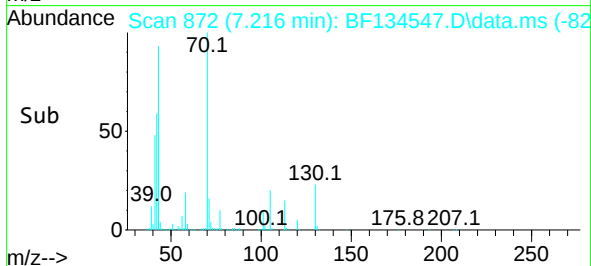


Tgt Ion: 70 Resp: 41401
Ion Ratio Lower Upper
70 100
42 58.6 54.7 82.1
101 9.5 8.2 12.2
130 22.6 15.1 22.7

Manual Integrations

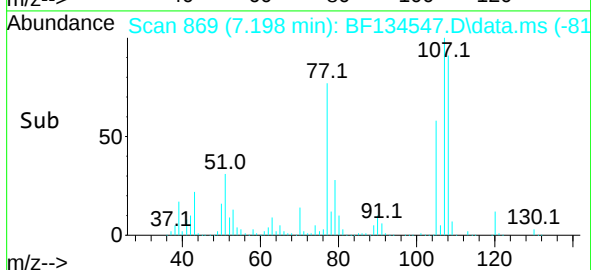
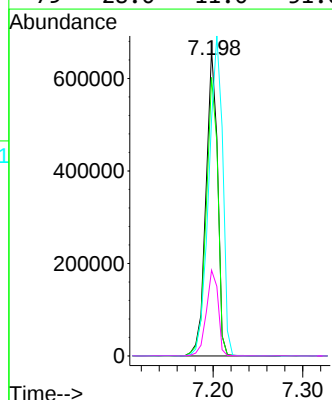
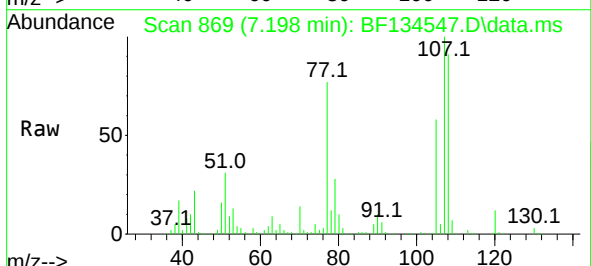
APPROVED

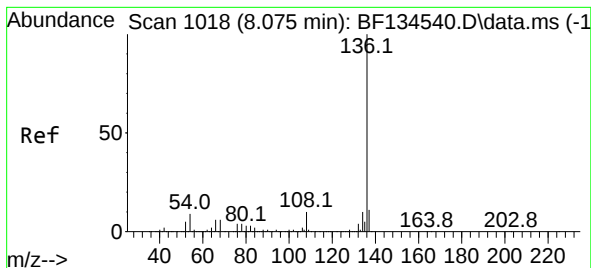
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#20
3+4-Methylphenols
Concen: 38.023 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:107 Resp: 592885
Ion Ratio Lower Upper
107 100
108 90.9 68.1 108.1
77 77.3 122.1 162.1#
79 28.0 11.0 51.0



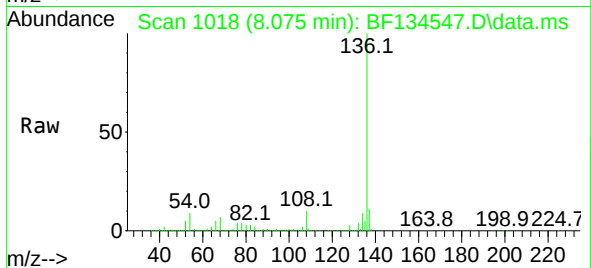


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

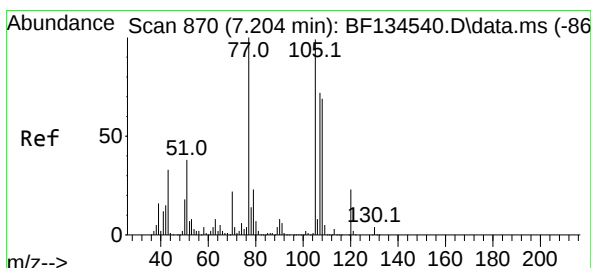
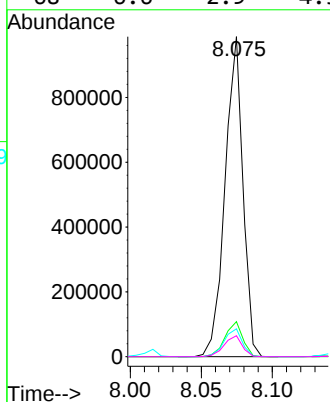
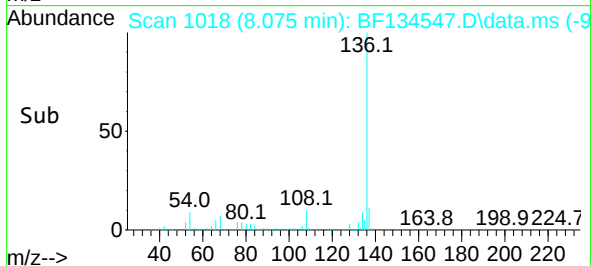


Tgt Ion:136 Resp: 863869
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8
68 6.6 2.9 4.3

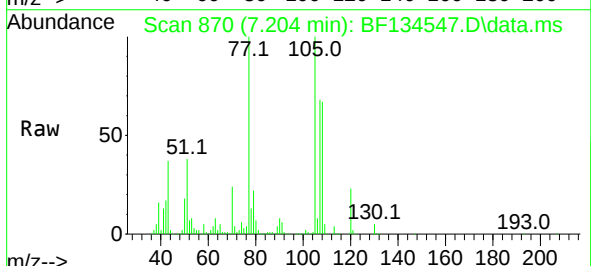
Manual Integrations

APPROVED

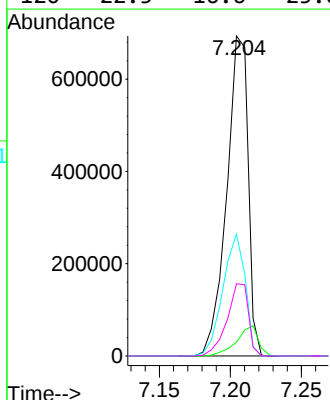
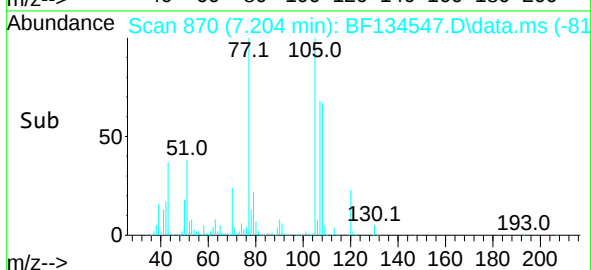
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

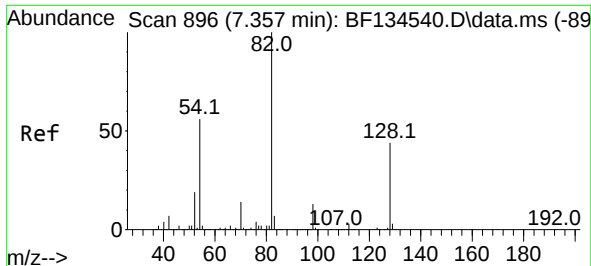


#22
Acetophenone
Concen: 36.484 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:105 Resp: 727606
Ion Ratio Lower Upper
105 100
71 4.3 7.4 11.0
51 38.1 36.4 54.6
120 22.5 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.256 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

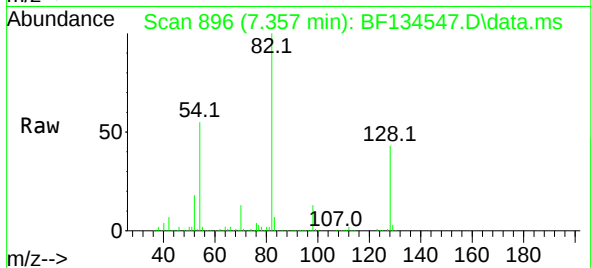
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 82 Resp: 115089

Ion Ratio Lower Upper

82 100

128 43.4 34.3 51.5

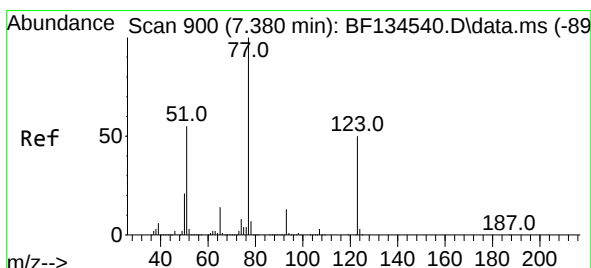
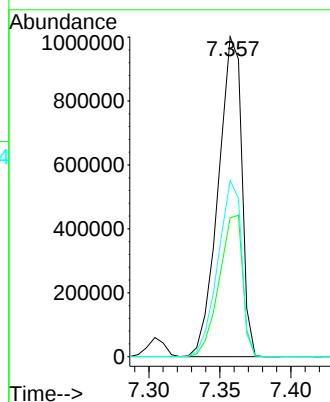
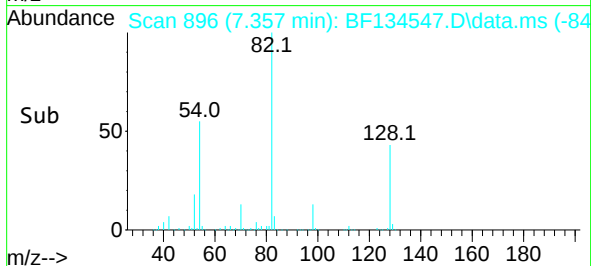
54 55.1 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#24

Nitrobenzene

Concen: 40.478 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

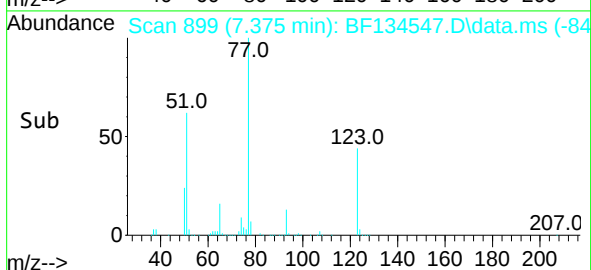
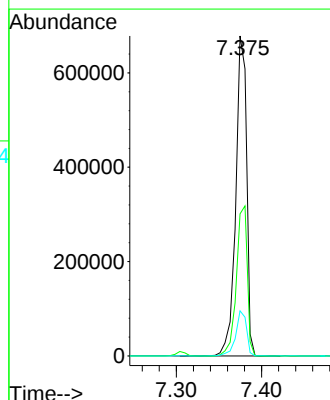
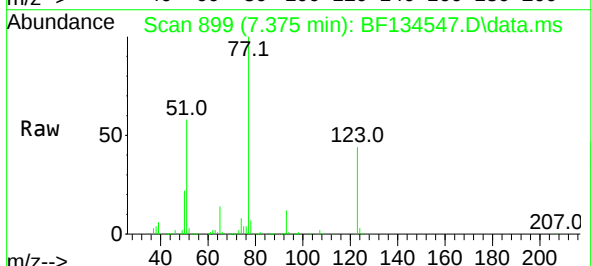
Tgt Ion: 77 Resp: 604513

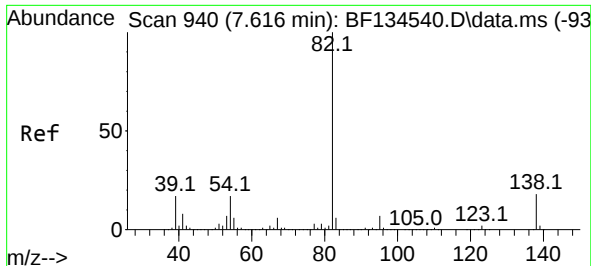
Ion Ratio Lower Upper

77 100

123 44.4 35.5 53.3

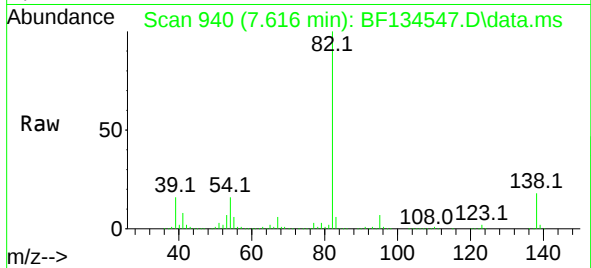
65 14.1 11.9 17.9





#25
Isophorone
Concen: 37.507 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

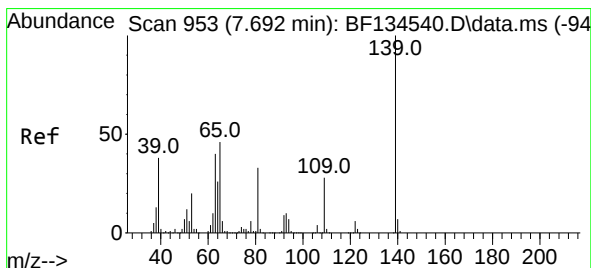
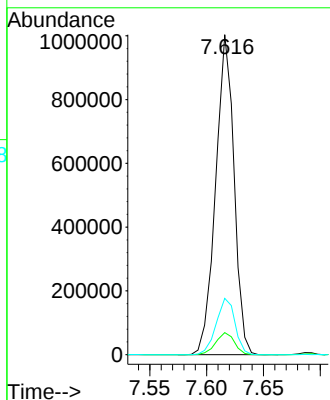
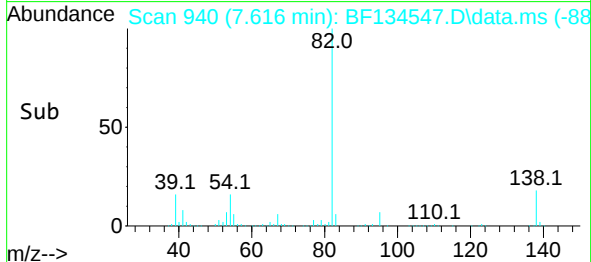
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 82 Resp: 1130860
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.6 14.6 22.0

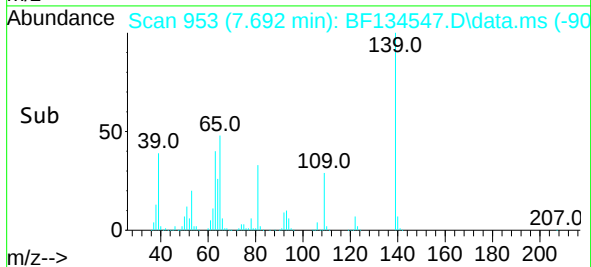
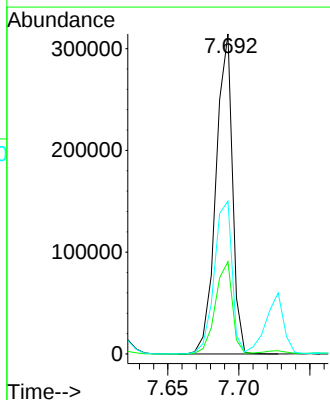
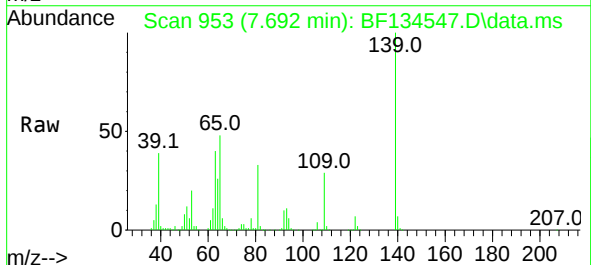
Manual Integrations
APPROVED

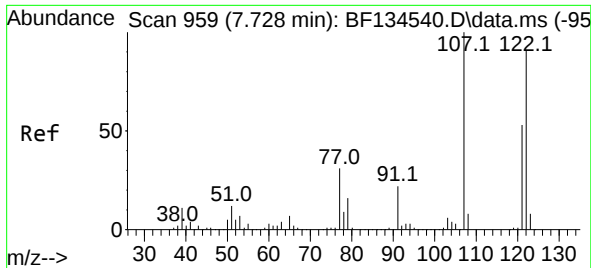
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#26
2-Nitrophenol
Concen: 40.707 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:139 Resp: 253546
Ion Ratio Lower Upper
139 100
109 28.8 29.8 44.6#
65 47.7 45.4 68.2



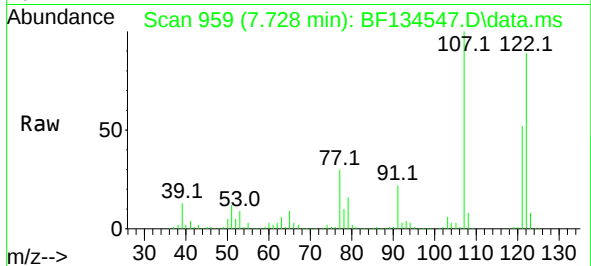


#27
2,4-Dimethylphenol
Concen: 37.874 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

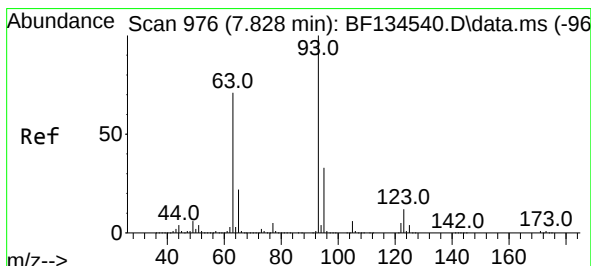
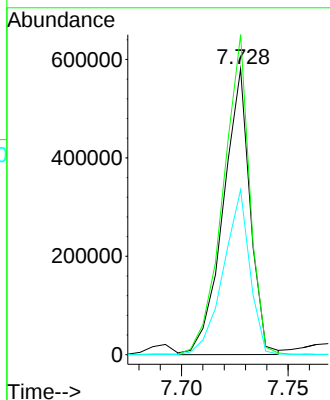
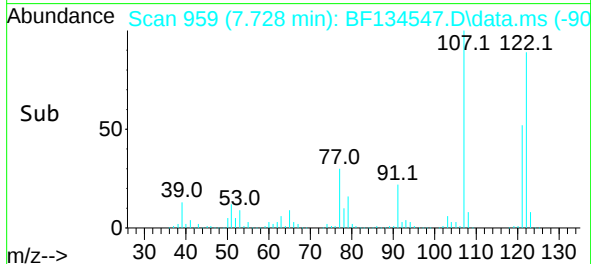


Tgt Ion:122 Resp: 50952
Ion Ratio Lower Upper
122 100
107 112.0 106.7 160.1
121 57.7 49.0 73.6

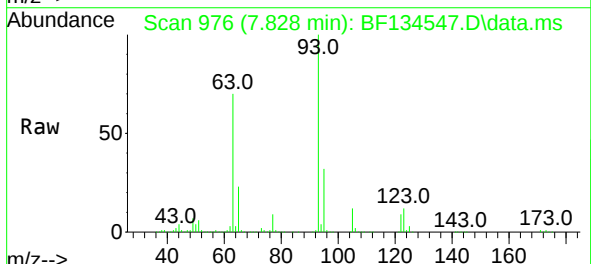
Manual Integrations

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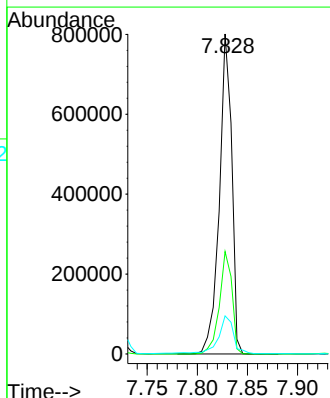
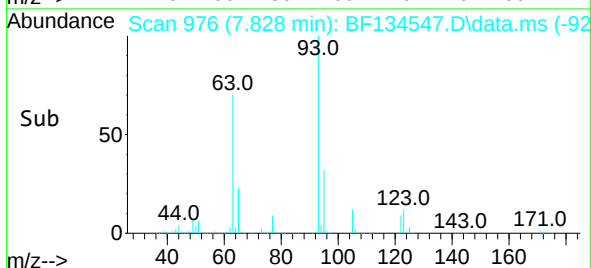
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

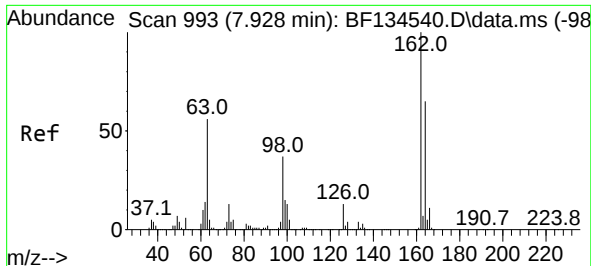


#28
bis(2-Chloroethoxy)methane
Concen: 38.011 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 93 Resp: 685570
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 38.217 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.000 min

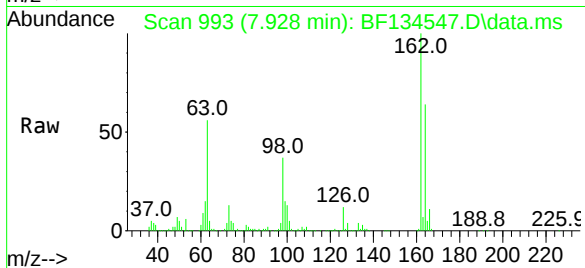
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



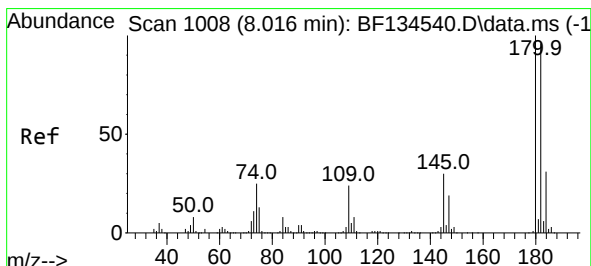
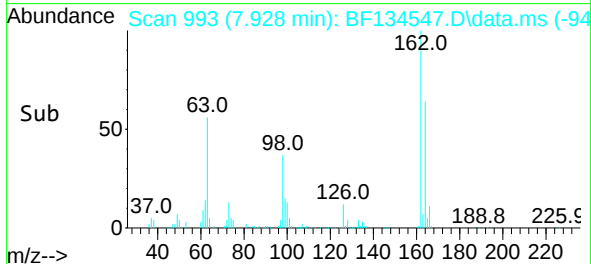
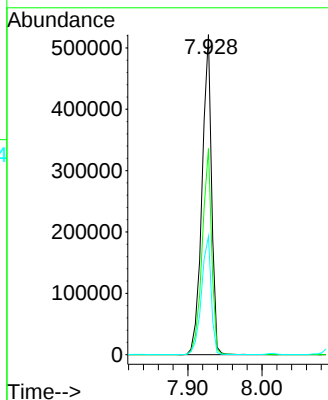
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.2	82.2
98	36.9	15.5	55.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.981 ng

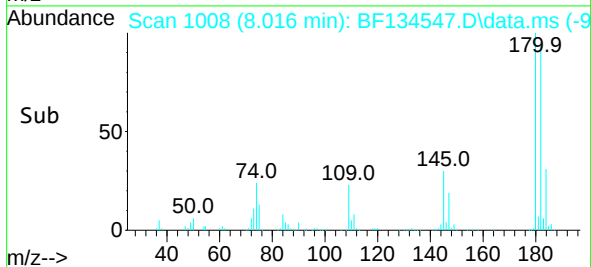
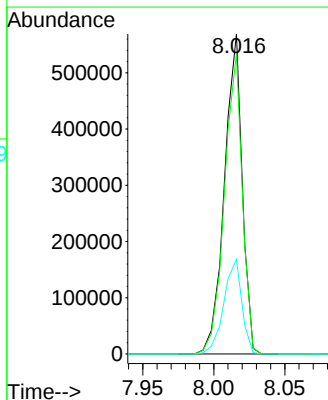
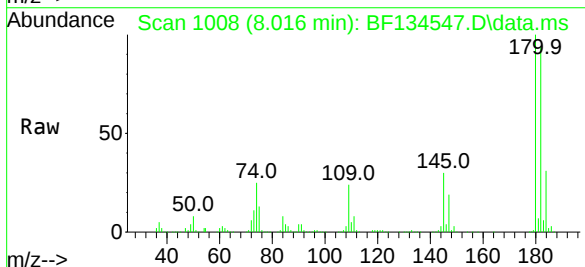
RT: 8.016 min Scan# 1008

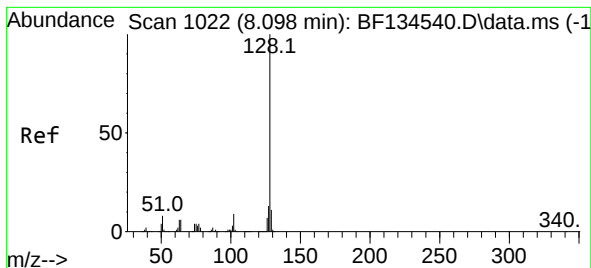
Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.6
145	29.6	25.5	38.3





#31

Naphthalene

Concen: 36.933 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

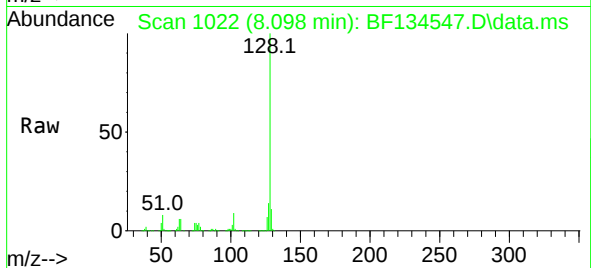
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:128 Resp: 160349

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

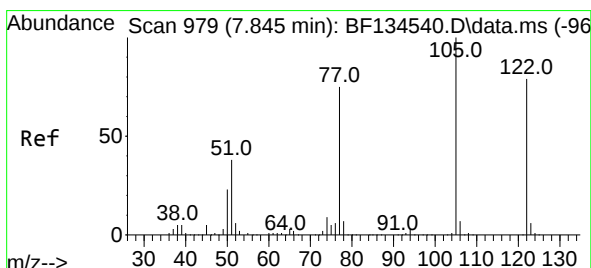
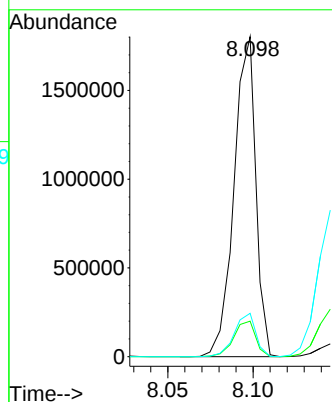
127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#32

Benzoic acid

Concen: 40.774 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

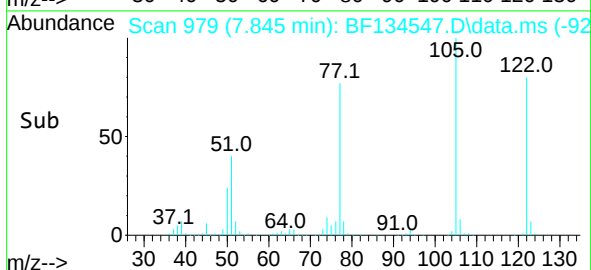
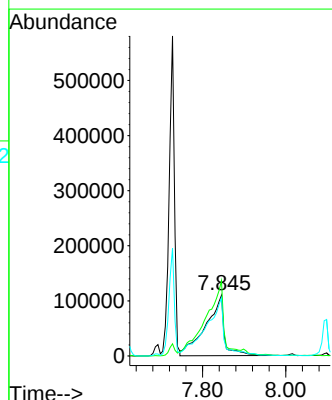
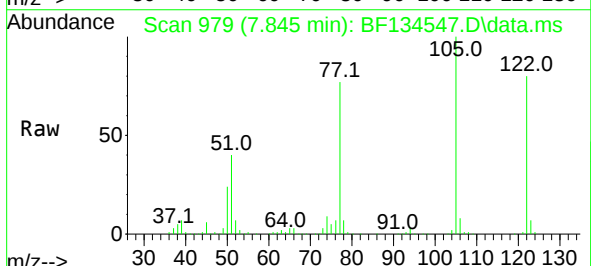
Tgt Ion:122 Resp: 345390

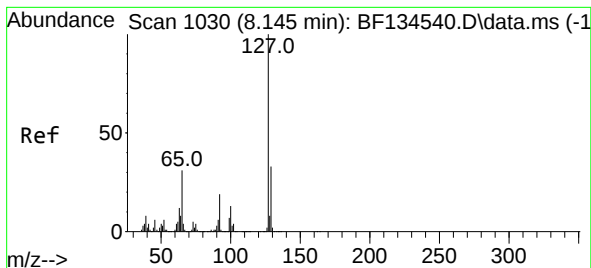
Ion Ratio Lower Upper

122 100

105 124.2 87.5 127.5

77 95.8 71.4 111.4



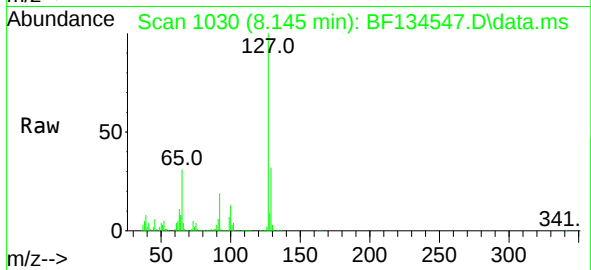


#33
4-Chloroaniline
Concen: 36.487 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

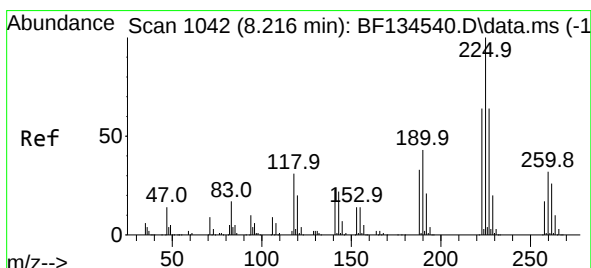
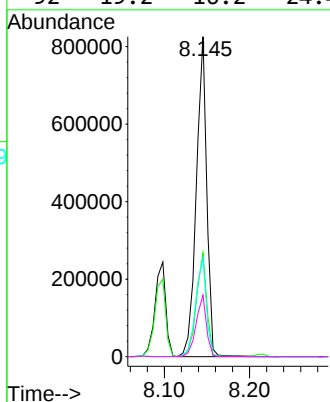
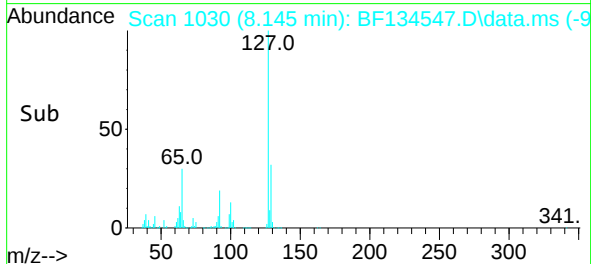


Tgt Ion:127 Resp: 705854
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 30.8 25.4 38.0
92 19.2 16.2 24.4

Manual Integrations

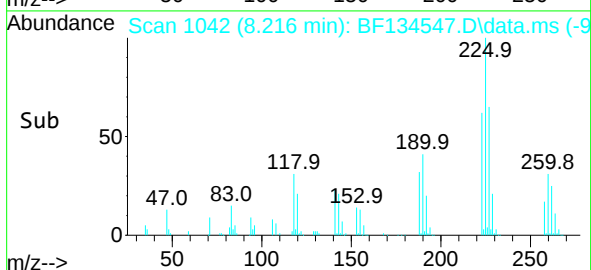
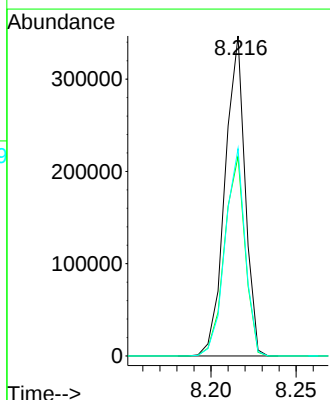
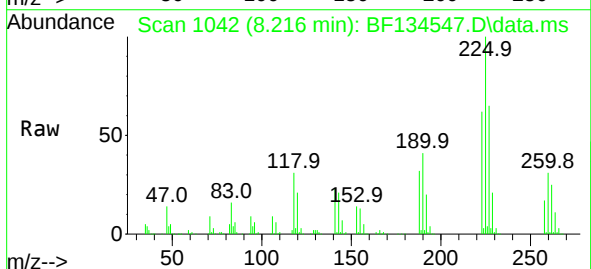
APPROVED

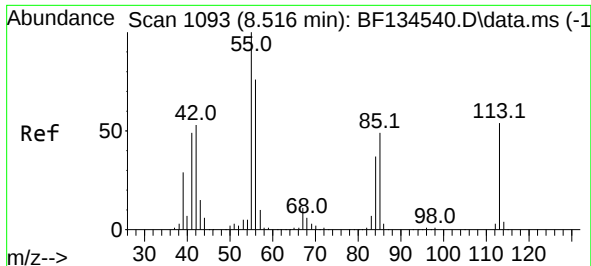
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#34
Hexachlorobutadiene
Concen: 37.905 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:225 Resp: 284678
Ion Ratio Lower Upper
225 100
223 62.3 48.2 72.4
227 64.8 48.5 72.7



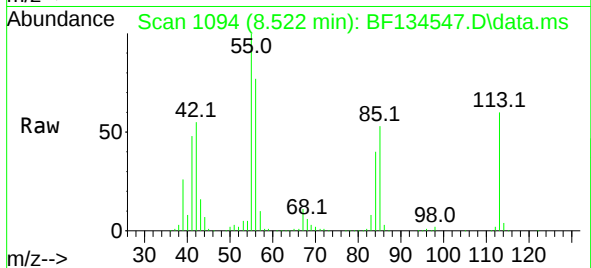


#35
 Caprolactam
 Concen: 38.158 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

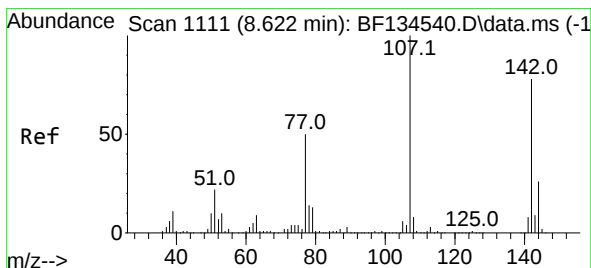
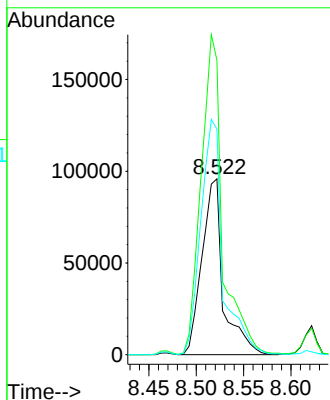
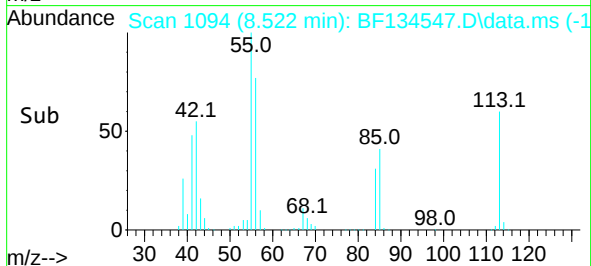
ClientSampleId :



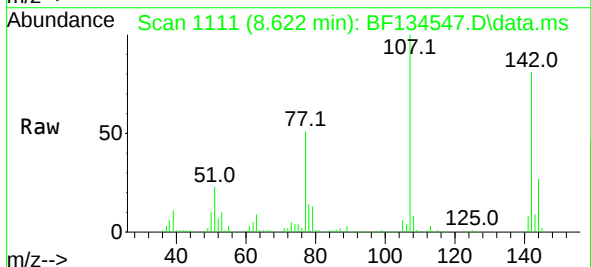
Tgt Ion:113 Resp: 150317
 Ion Ratio Lower Upper
 113 100
 55 167.5 161.5 201.5
 56 128.3 117.8 157.8

Manual Integrations
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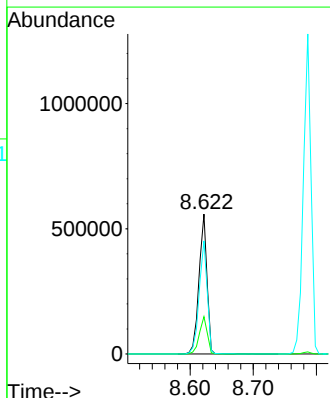
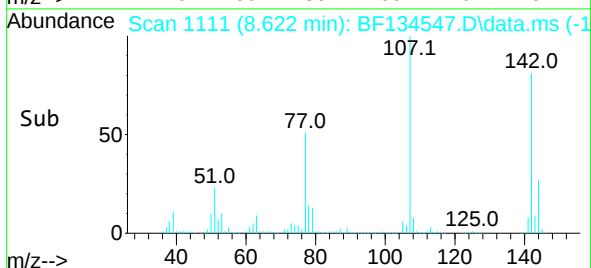
Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

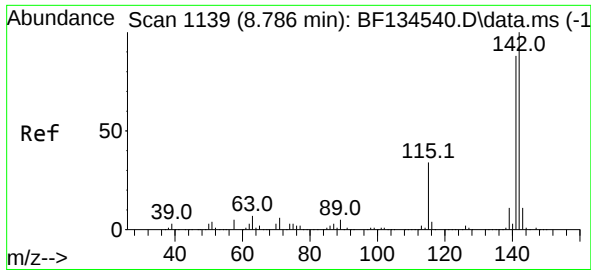


#36
 4-Chloro-3-methylphenol
 Concen: 37.988 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27



Tgt Ion:107 Resp: 491219
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.6 29.4
 142 80.9 57.7 86.5





#37

2-Methylnaphthalene

Concen: 37.265 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

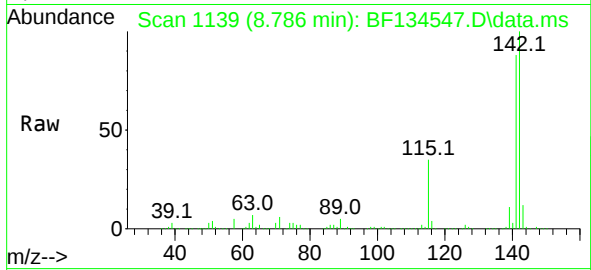
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:142 Resp: 107241

Ion Ratio Lower Upper

142 100

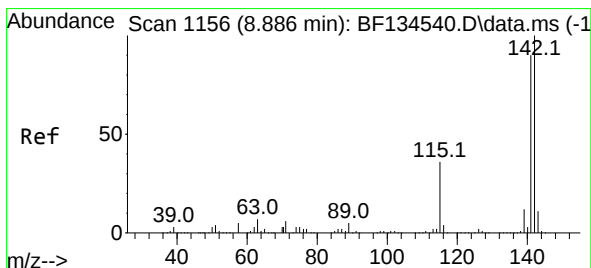
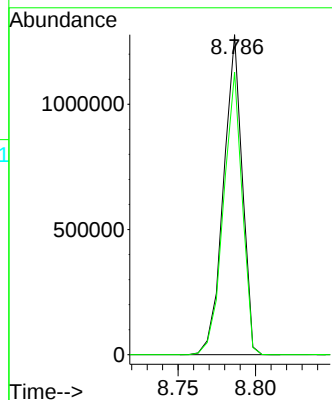
141 88.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#38

1-Methylnaphthalene

Concen: 37.431 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF134547.D

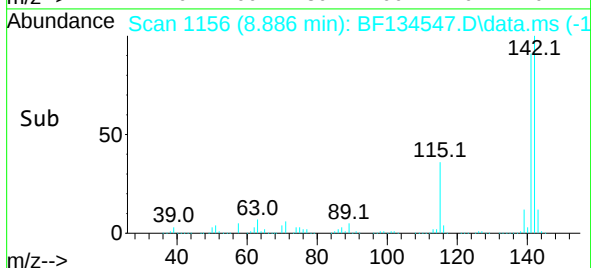
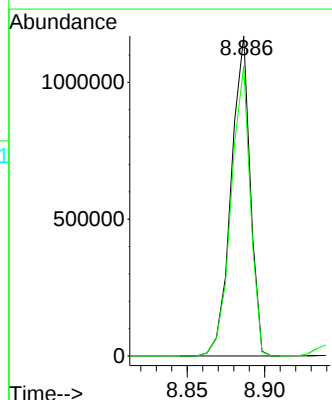
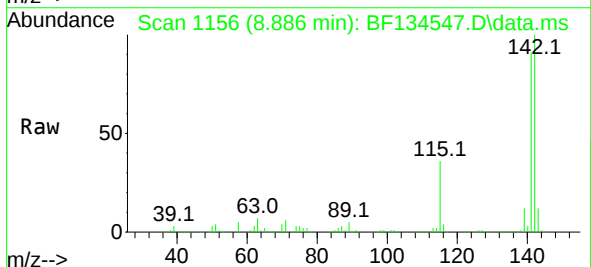
Acq: 01 Aug 2023 14:27

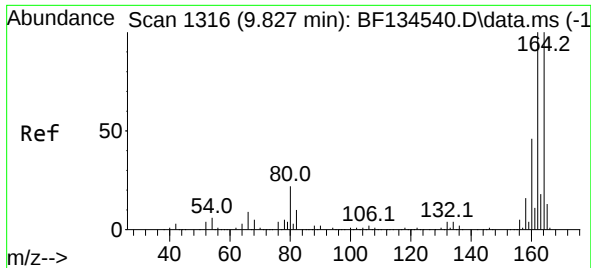
Tgt Ion:142 Resp: 1001669

Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.2



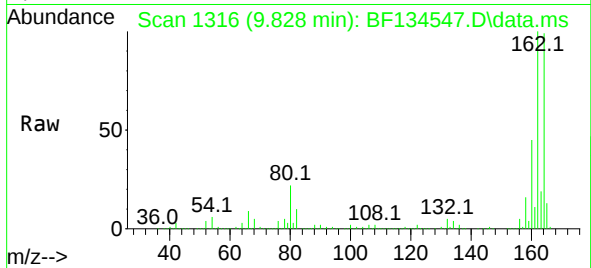


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

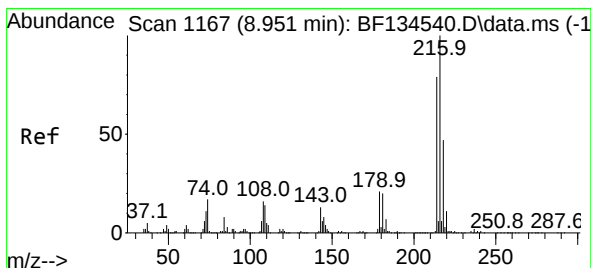
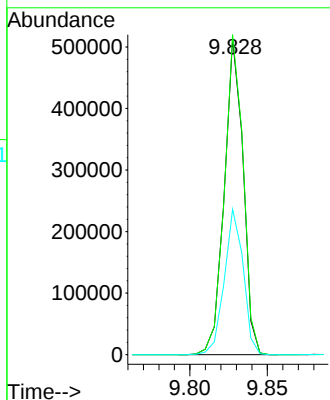
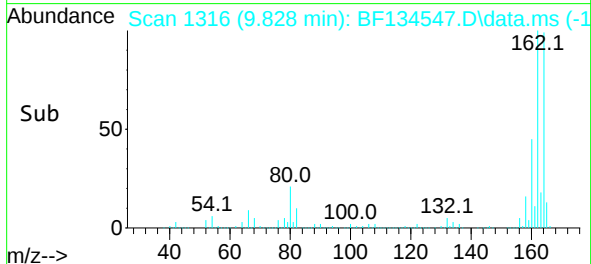


Tgt Ion:164 Resp: 433432
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 46.0 37.2 55.8

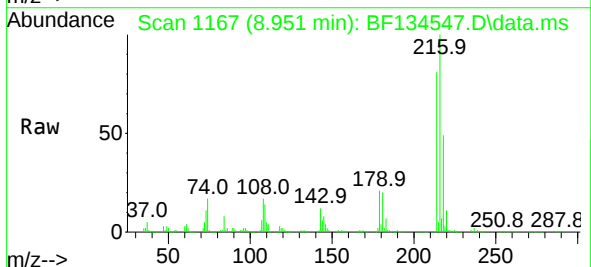
Manual Integrations

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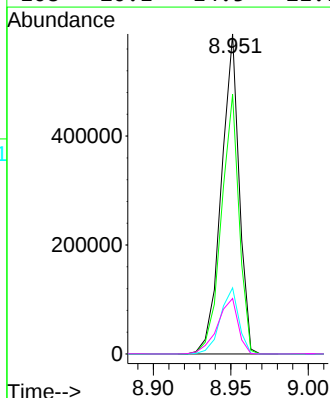
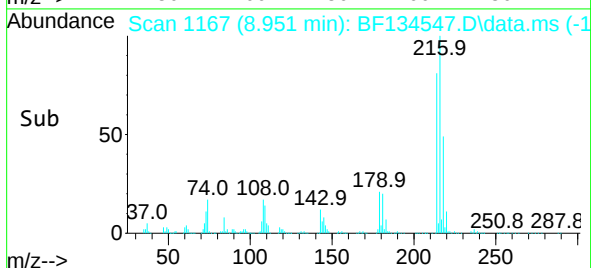
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

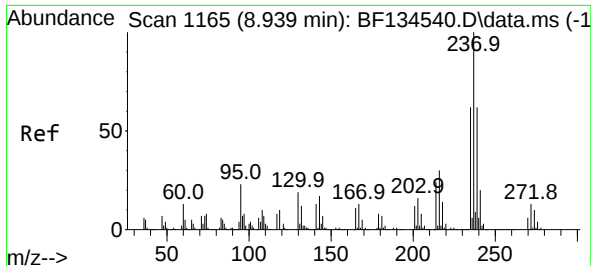


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.332 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:216 Resp: 470529
Ion Ratio Lower Upper
216 100
214 80.3 62.3 93.5
179 21.2 17.4 26.0
108 20.1 14.5 21.7



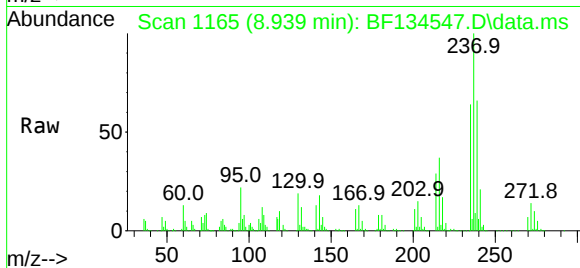


#41
Hexachlorocyclopentadiene
Concen: 41.199 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

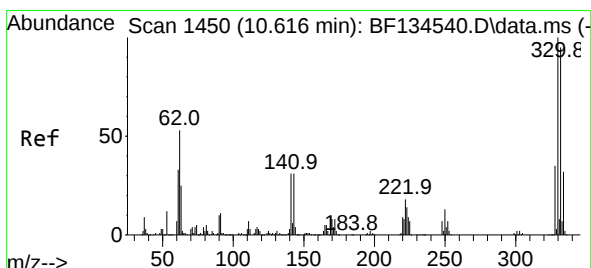
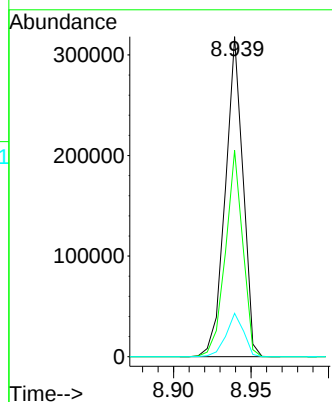
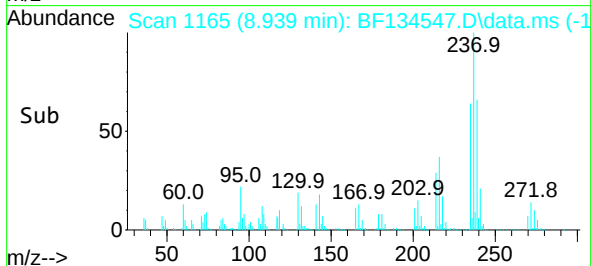


Tgt Ion: 237 Resp: 252514
Ion Ratio Lower Upper
237 100
235 64.4 37.0 77.0
272 13.5 0.0 32.7

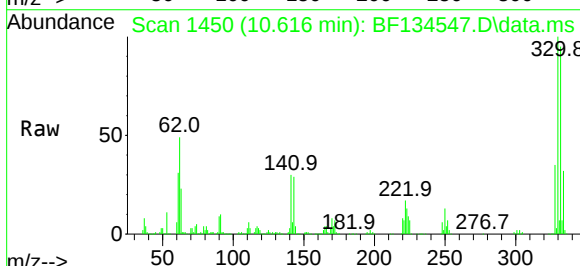
Manual Integrations

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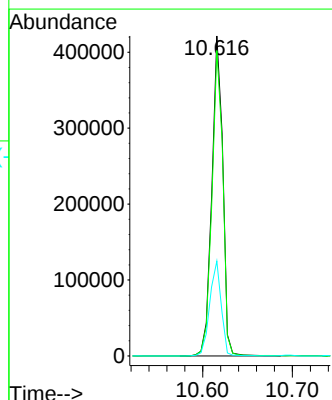
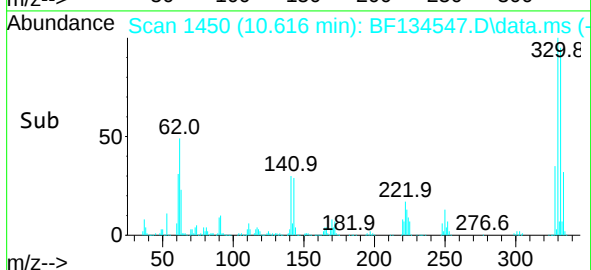
Reviewed By : Yogesh Patel 08/02/2023
Supervised By : mohammad ahmed 08/02/2023

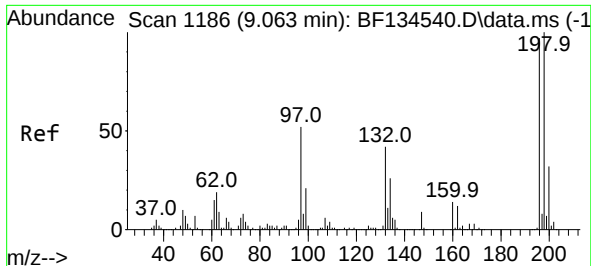


#42
2,4,6-Tribromophenol
Concen: 80.907 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 330 Resp: 357482
Ion Ratio Lower Upper
330 100
332 95.1 78.8 118.2
141 31.1 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 39.177 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

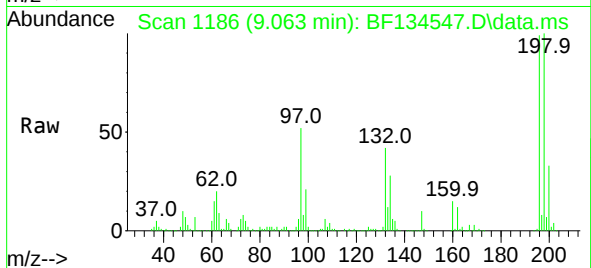
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



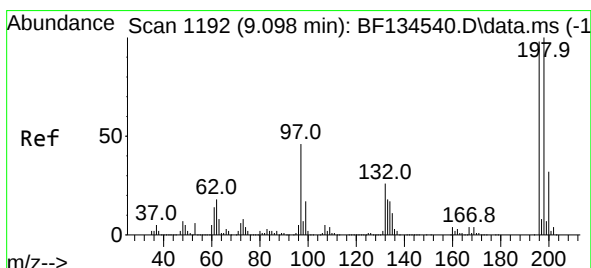
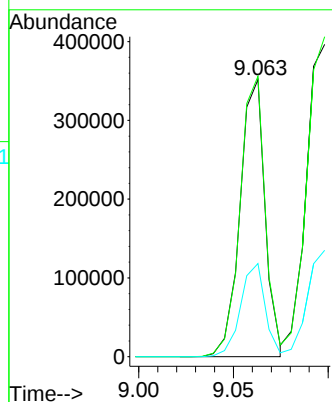
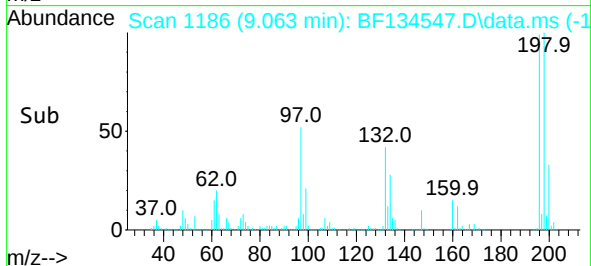
Tgt Ion:196	Resp:	323150
Ion Ratio	Lower	Upper
196	100	
198	101.1	77.4 116.2
200	33.6	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#44

2,4,5-Trichlorophenol

Concen: 39.535 ng

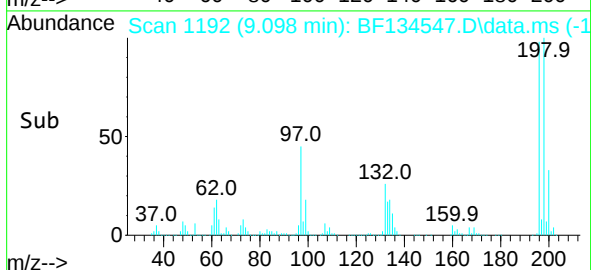
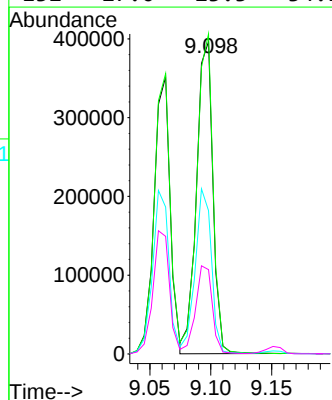
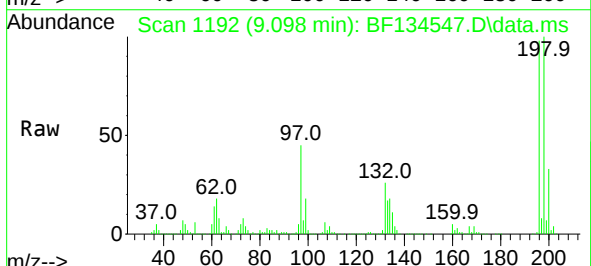
RT: 9.098 min Scan# 1192

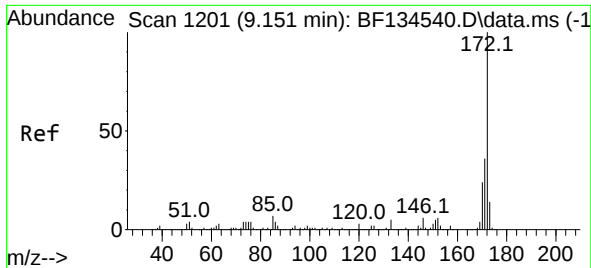
Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Tgt Ion:196	Resp:	372716
Ion Ratio	Lower	Upper
196	100	
198	102.4	73.0 109.4
97	45.9	40.8 61.2
132	27.0	23.3 34.9



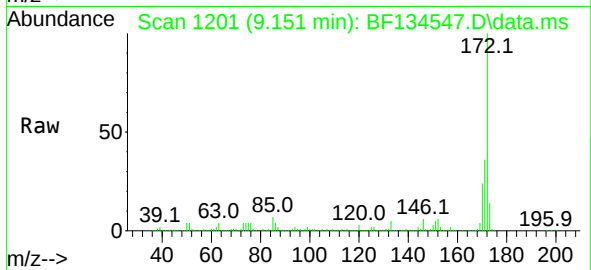


#45
2-Fluorobiphenyl
Concen: 75.275 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

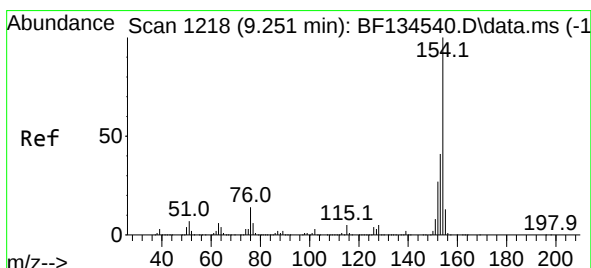
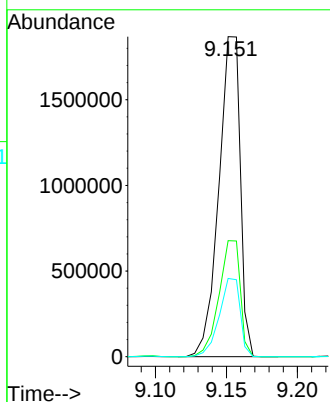
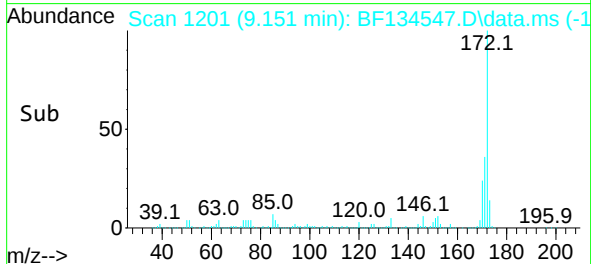


Tgt Ion:172 Resp: 1962270
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.5 18.7 28.1

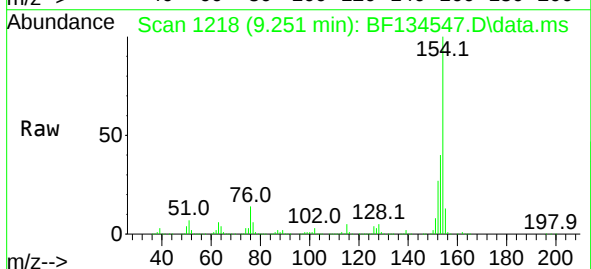
Manual Integrations

APPROVED

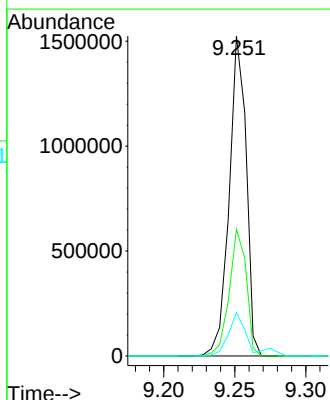
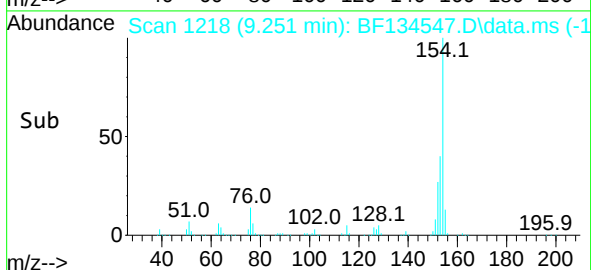
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

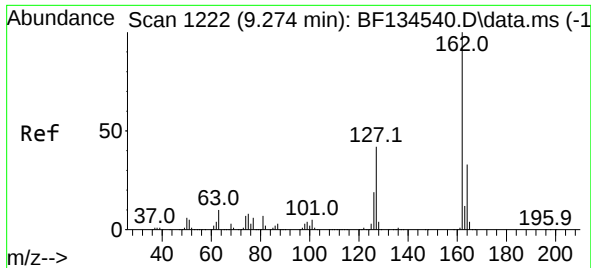


#46
1,1'-Biphenyl
Concen: 37.700 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:154 Resp: 1270680
Ion Ratio Lower Upper
154 100
153 39.6 20.8 60.8
76 13.6 0.0 30.2



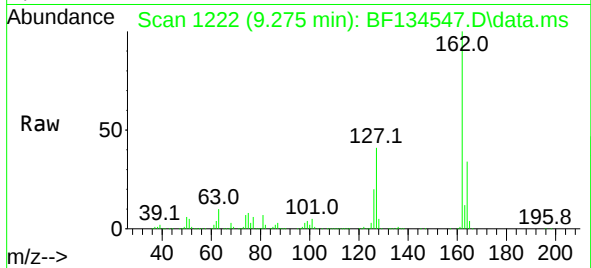


#47
2-Chloronaphthalene
Concen: 37.518 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

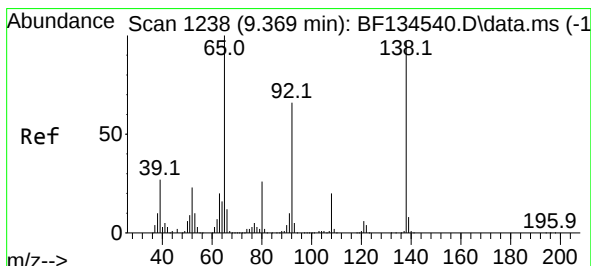
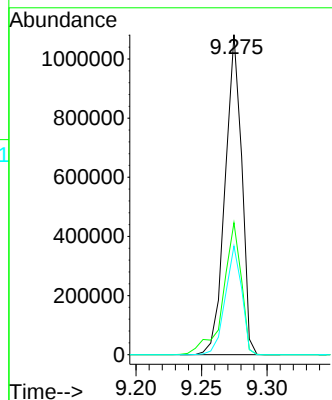
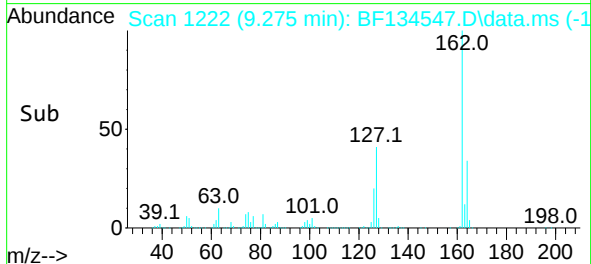


Tgt Ion:162 Resp: 947519
Ion Ratio Lower Upper
162 100
127 41.2 34.0 51.0
164 33.9 25.7 38.5

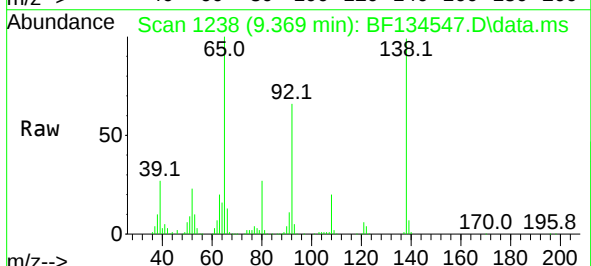
Manual Integrations

APPROVED

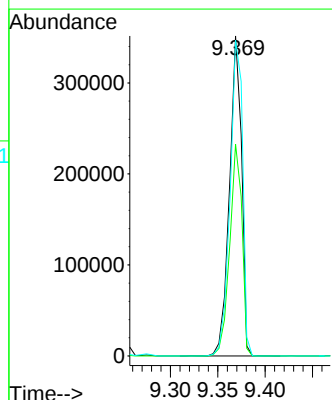
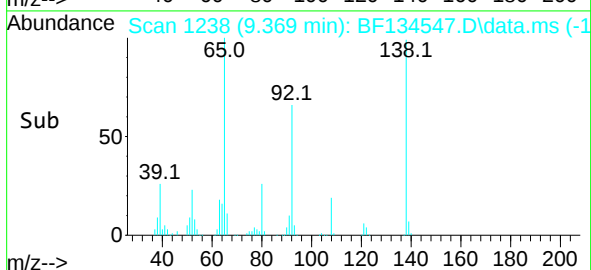
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

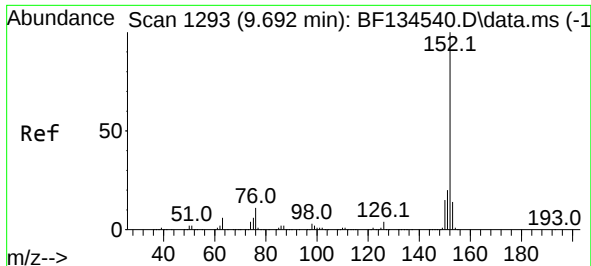


#48
2-Nitroaniline
Concen: 40.378 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 65 Resp: 313679
Ion Ratio Lower Upper
65 100
92 66.2 50.7 76.1
138 98.6 78.2 117.4





#49

Acenaphthylene

Concen: 37.524 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.000 min

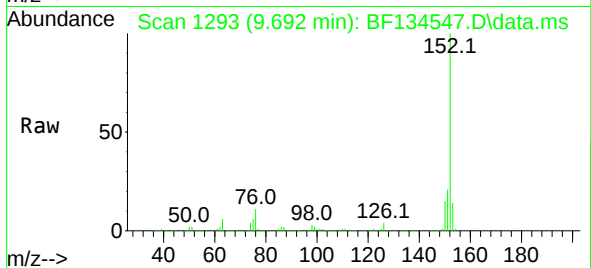
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:152 Resp: 148962

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

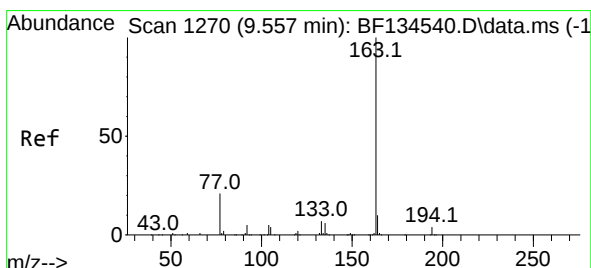
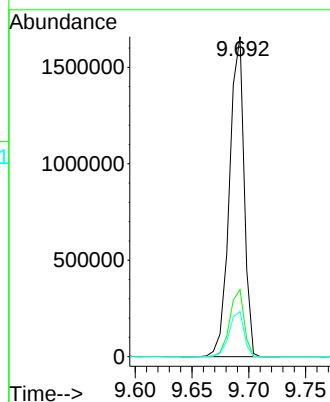
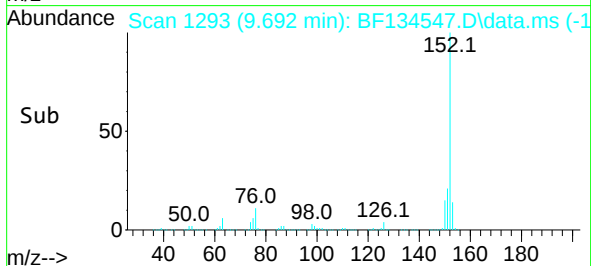
153 14.1 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#50

Dimethylphthalate

Concen: 38.014 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

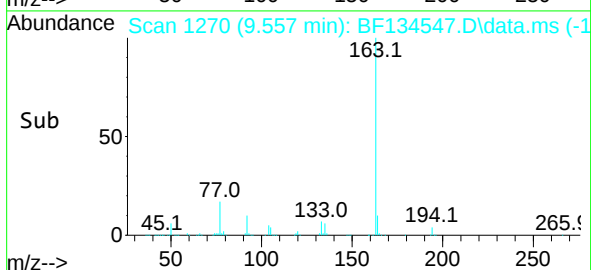
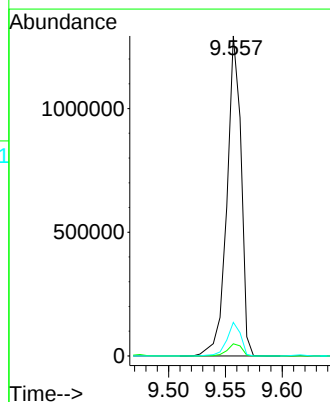
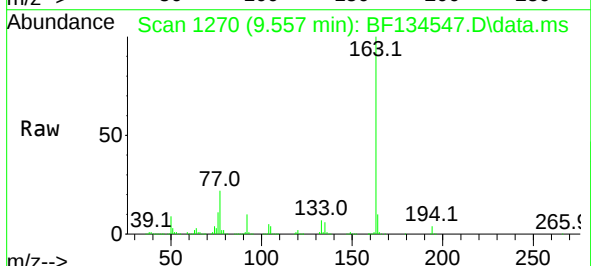
Tgt Ion:163 Resp: 1122995

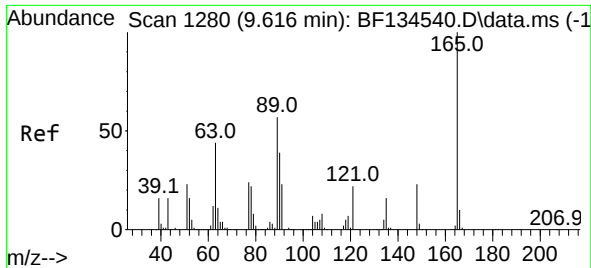
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.5 7.5 11.3



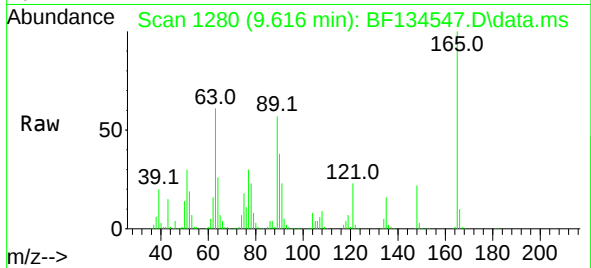


#51
2,6-Dinitrotoluene
Concen: 40.431 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

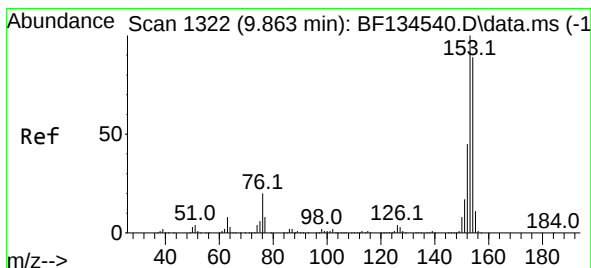
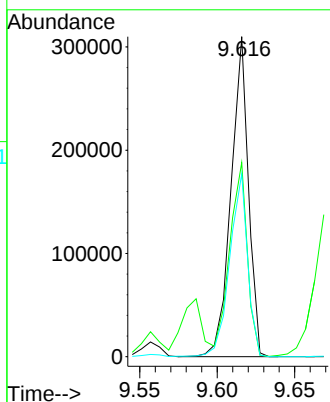
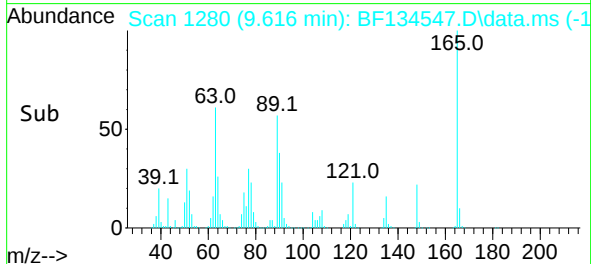
ClientSampleId :



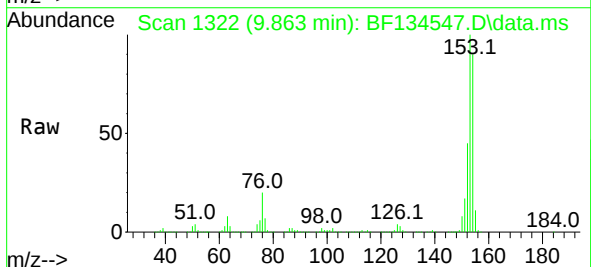
Tgt Ion:165 Resp: 242210
Ion Ratio Lower Upper
165 100
63 60.6 57.8 86.6
89 57.2 51.8 77.8

Manual Integrations
APPROVED

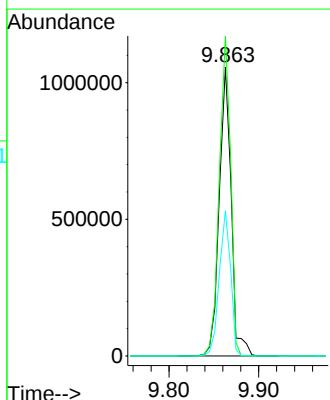
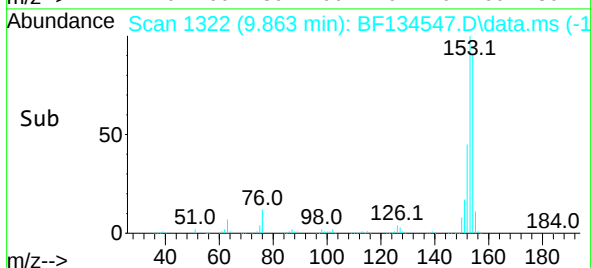
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

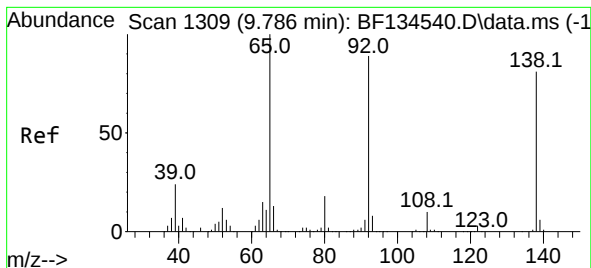


#52
Acenaphthene
Concen: 38.053 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:154 Resp: 978978
Ion Ratio Lower Upper
154 100
153 110.8 90.0 135.0
152 50.3 42.4 63.6



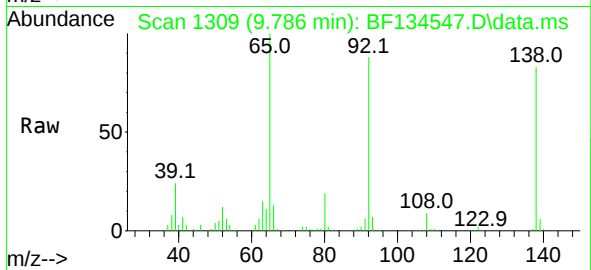


#53
3-Nitroaniline
Concen: 43.533 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

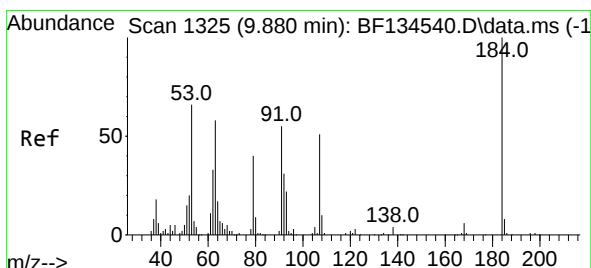
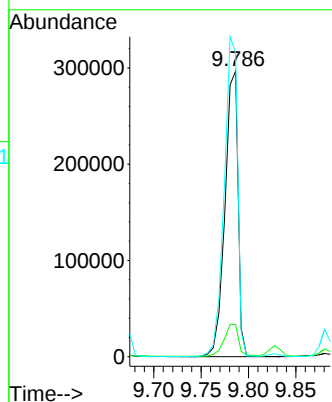
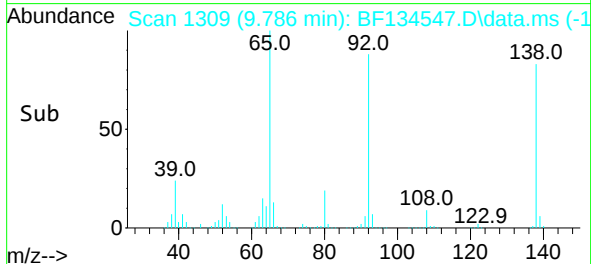
ClientSampleId :



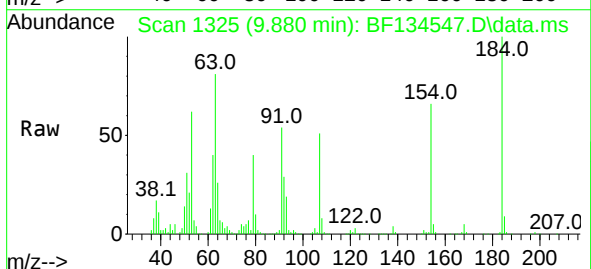
Tgt Ion:138 Resp: 28664
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 106.4 86.6 129.8

Manual Integrations
APPROVED

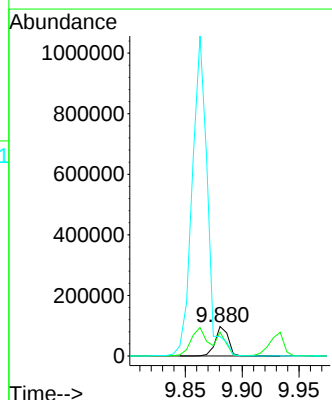
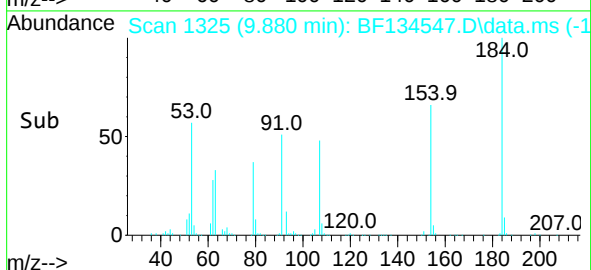
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

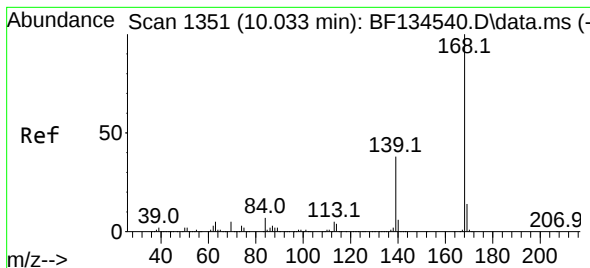


#54
2,4-Dinitrophenol
Concen: 41.901 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:184 Resp: 76990
Ion Ratio Lower Upper
184 100
63 81.3 57.1 85.7
154 65.8 59.1 88.7



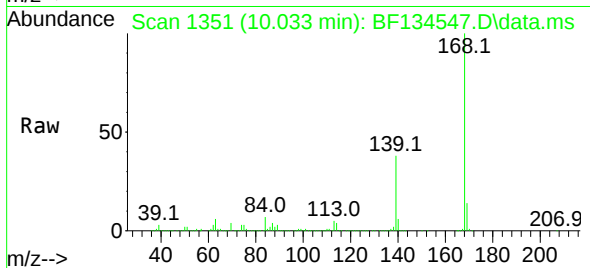


#55
Dibenzenofuran
Concen: 37.424 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

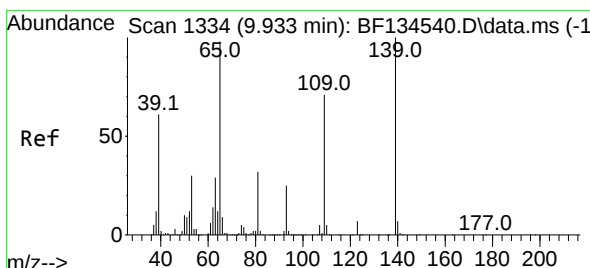
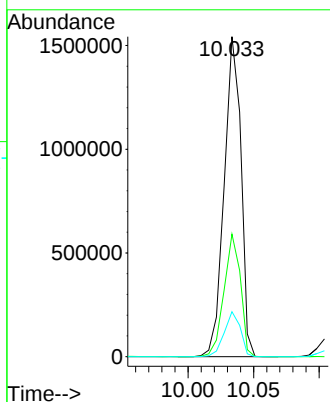
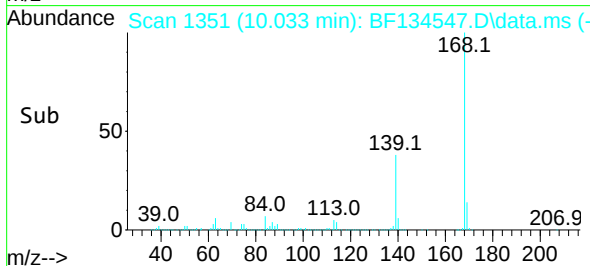
ClientSampleId :



Tgt Ion:168 Resp: 137057
Ion Ratio Lower Upper
168 100
139 38.3 33.4 50.2
169 14.0 10.6 15.8

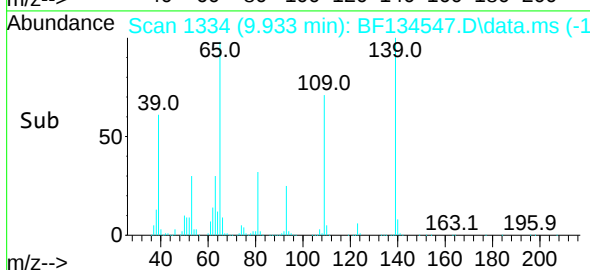
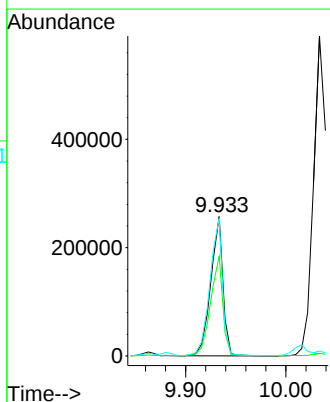
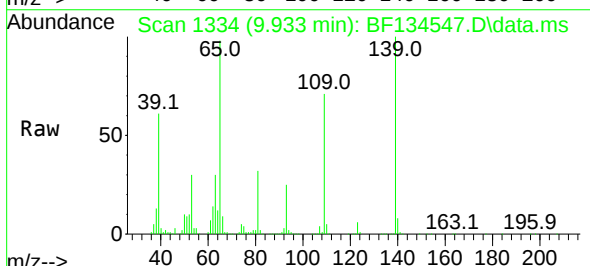
Manual Integrations
APPROVED

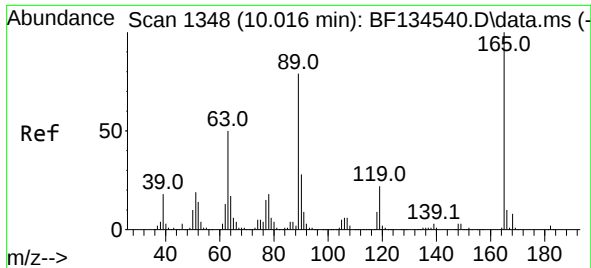
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#56
4-Nitrophenol
Concen: 40.307 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:139 Resp: 217063
Ion Ratio Lower Upper
139 100
109 71.4 76.9 116.9#
65 98.5 98.5 138.5#



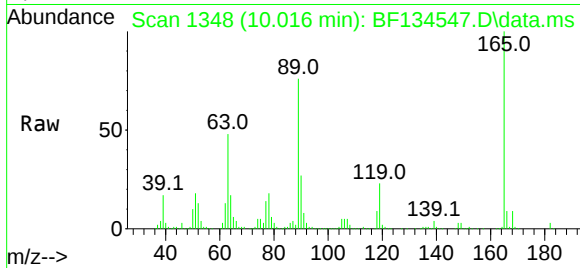


#57
2,4-Dinitrotoluene
Concen: 41.370 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

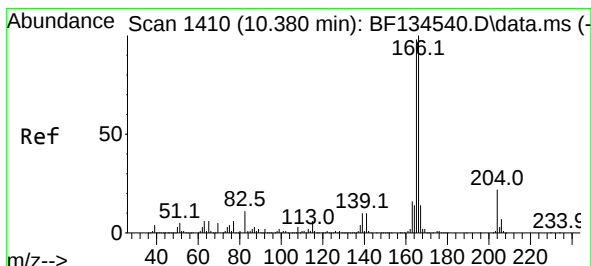
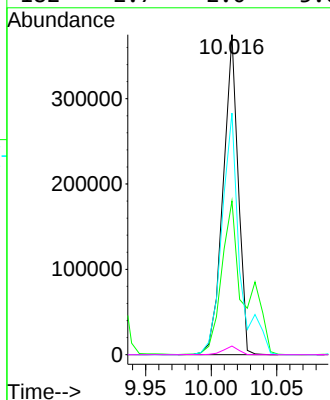
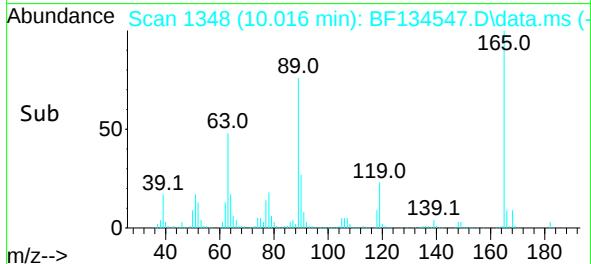


Tgt Ion:165 Resp: 299380
Ion Ratio Lower Upper
165 100
63 48.1 48.9 73.3
89 75.5 61.7 92.5
182 2.7 2.0 3.0

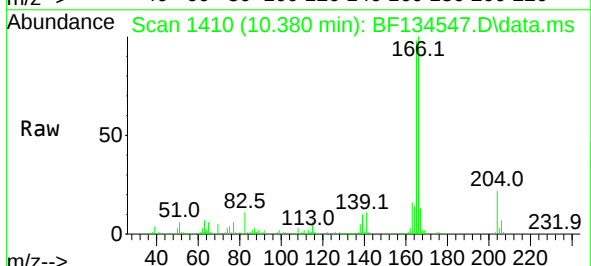
Manual Integrations

APPROVED

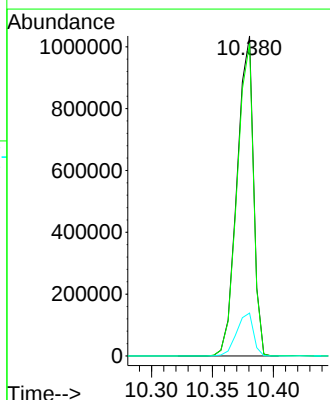
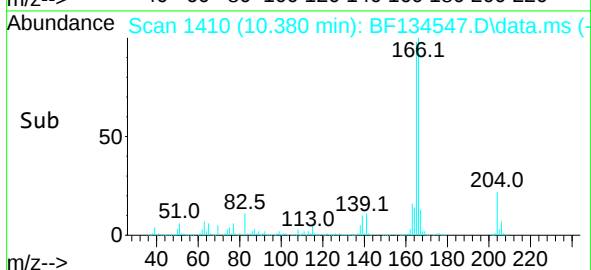
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

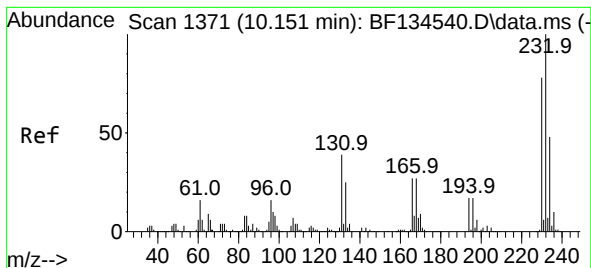


#58
Fluorene
Concen: 36.332 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



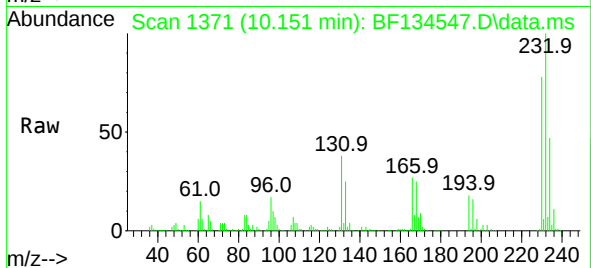
Tgt Ion:166 Resp: 969176
Ion Ratio Lower Upper
166 100
165 97.6 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.257 ng m
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

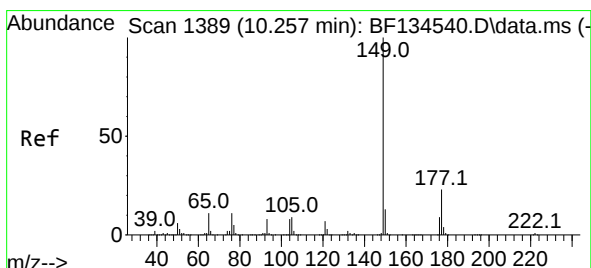
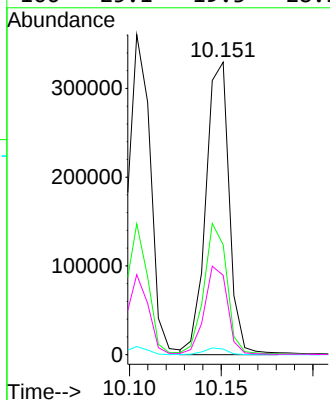
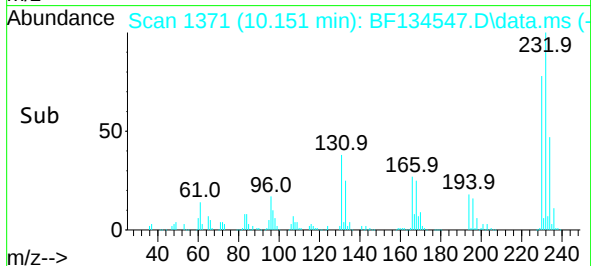
Instrument :
BNA_F
ClientSampleId :



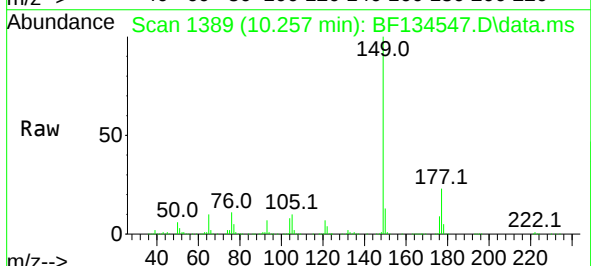
Tgt Ion:232 Resp: 29280
Ion Ratio Lower Upper
232 100
131 41.3 33.4 50.0
130 2.5 1.8 2.6
166 25.1 19.3 28.9

Manual Integrations
APPROVED

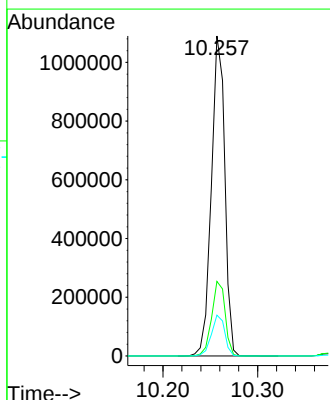
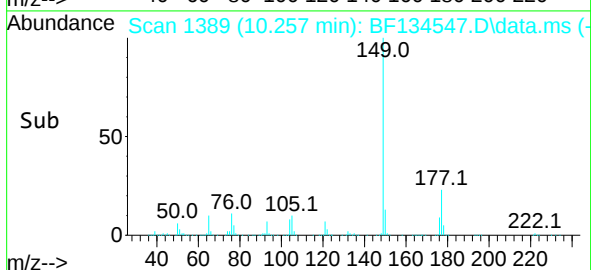
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

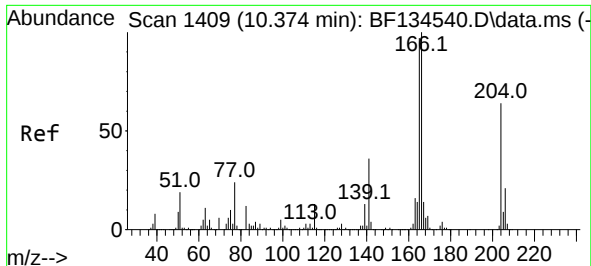


#60
Diethylphthalate
Concen: 38.377 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:149 Resp: 1074611
Ion Ratio Lower Upper
149 100
177 23.3 17.0 25.4
150 12.7 9.9 14.9



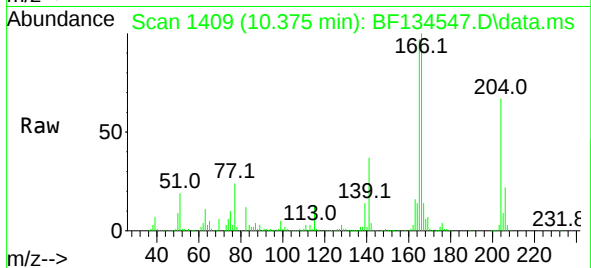


#61
4-Chlorophenyl-phenylether
Concen: 36.992 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

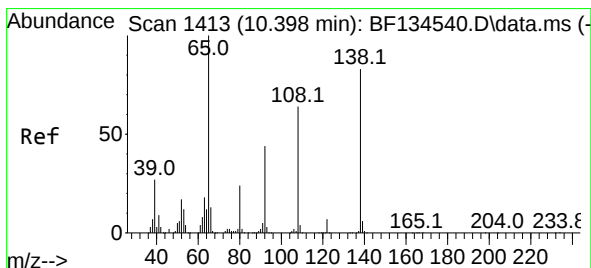
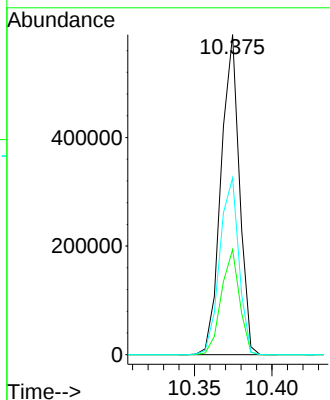
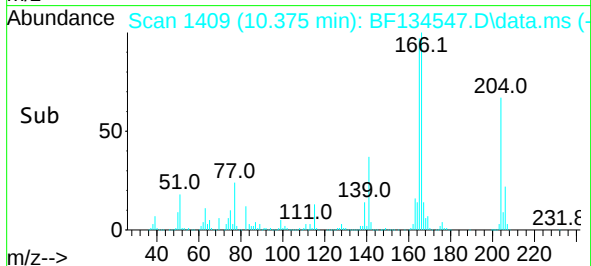
ClientSampleId :



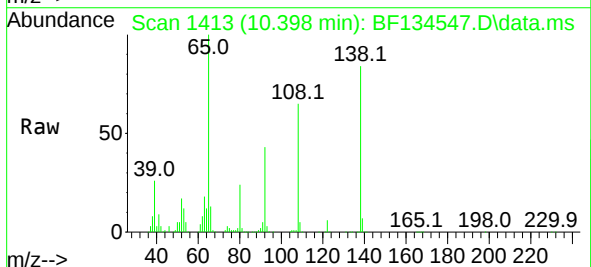
Tgt Ion:204 Resp: 48503
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.2 52.2 78.4

Manual Integrations
APPROVED

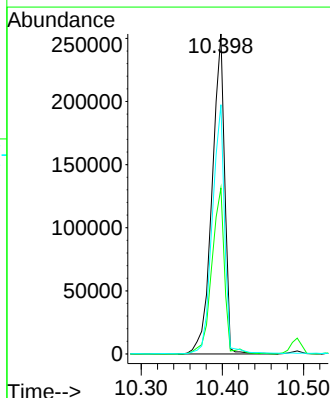
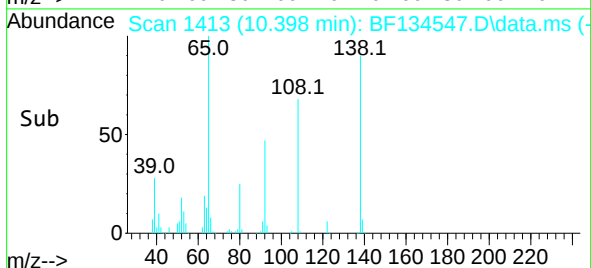
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

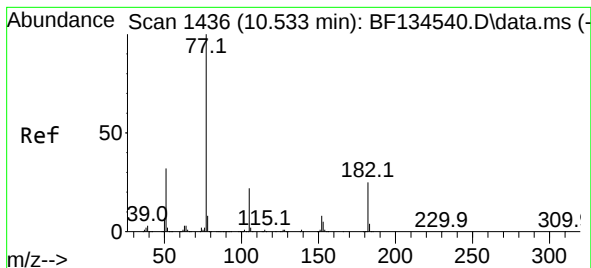


#62
4-Nitroaniline
Concen: 42.341 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



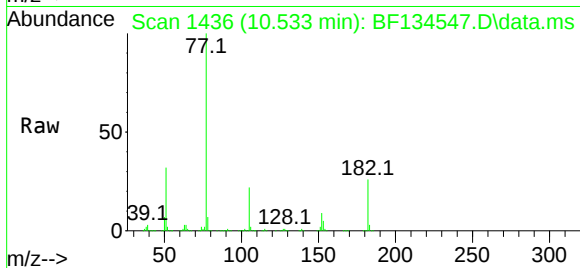
Tgt Ion:138 Resp: 273261
Ion Ratio Lower Upper
138 100
92 51.8 27.0 67.0
108 77.9 70.4 110.4





#63
Azobenzene
Concen: 37.342 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

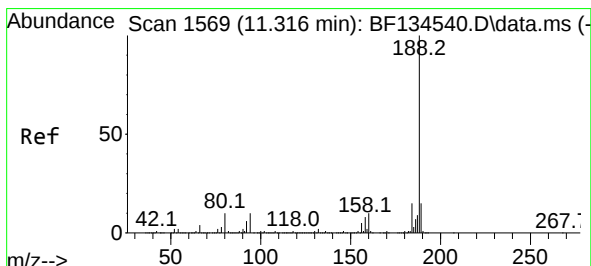
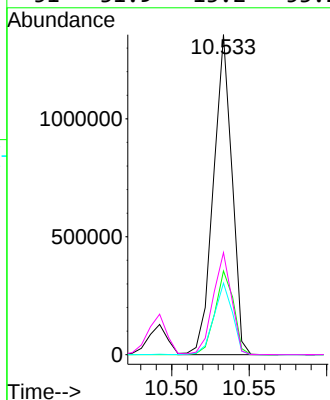
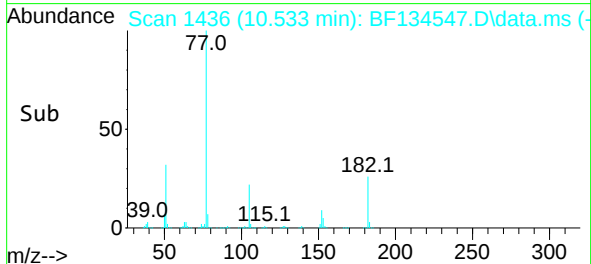
Instrument :
BNA_F
ClientSampleId :



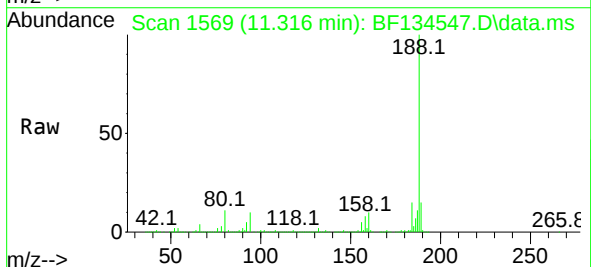
Tgt Ion: 77 Resp: 1123414
Ion Ratio Lower Upper
77 100
182 26.1 7.5 47.5
105 22.4 1.9 41.9
51 31.9 13.2 53.2

Manual Integrations
APPROVED

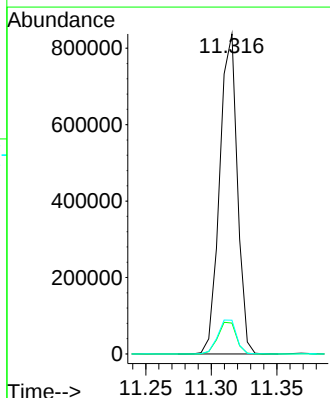
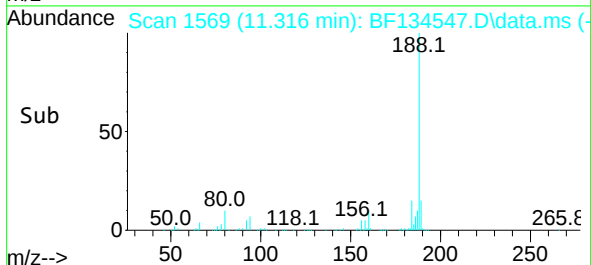
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

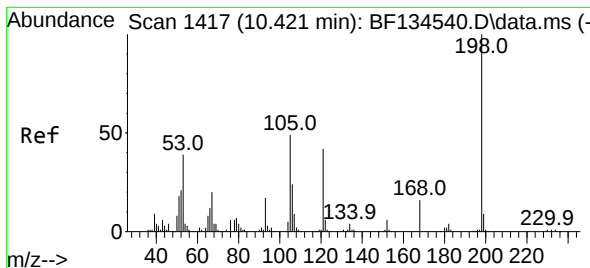


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



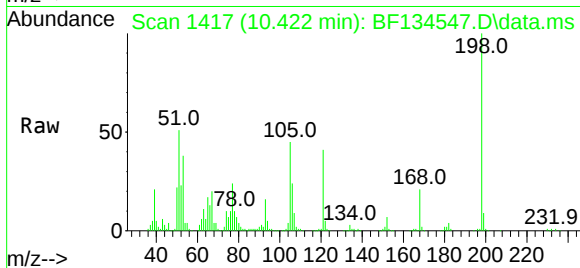
Tgt Ion:188 Resp: 785259
Ion Ratio Lower Upper
188 100
94 9.6 5.1 7.7#
80 10.6 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 39.641 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

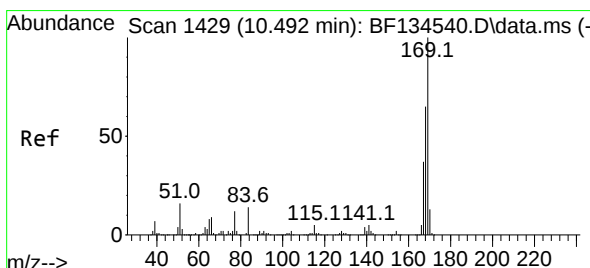
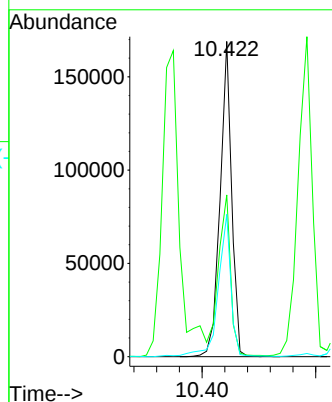
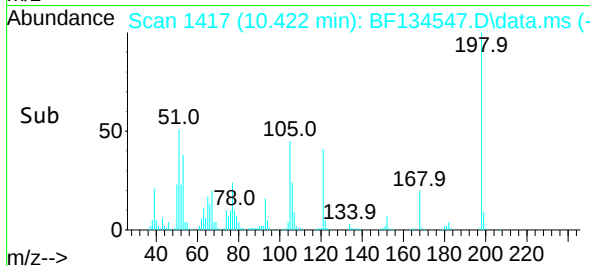
Instrument :
BNA_F
ClientSampleId :



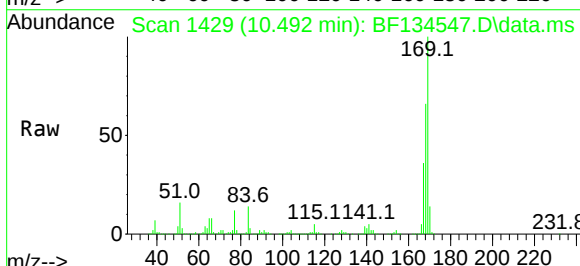
Tgt Ion:198 Resp: 11994
Ion Ratio Lower Upper
198 100
51 51.3 38.6 78.6
105 45.1 27.9 67.9

Manual Integrations
APPROVED

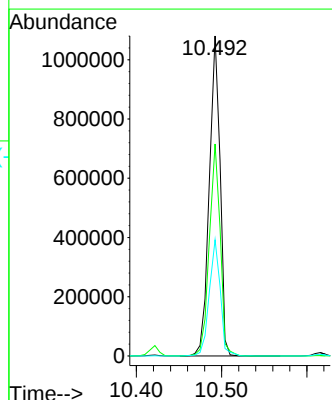
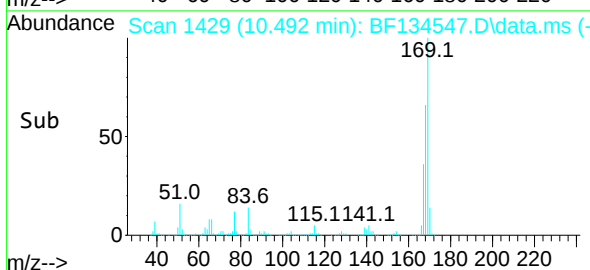
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

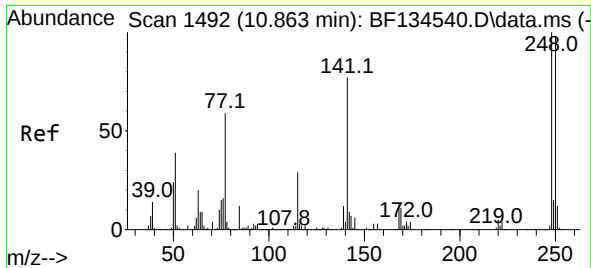


#66
n-Nitrosodiphenylamine
Concen: 37.951 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



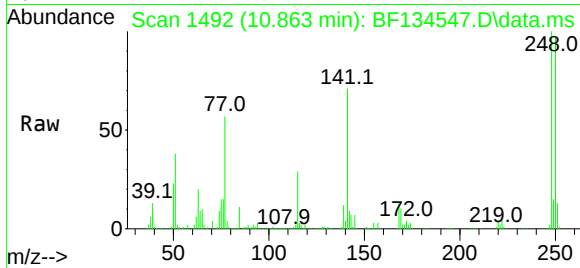
Tgt Ion:169 Resp: 948547
Ion Ratio Lower Upper
169 100
168 66.3 52.6 78.8
167 36.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 38.449 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

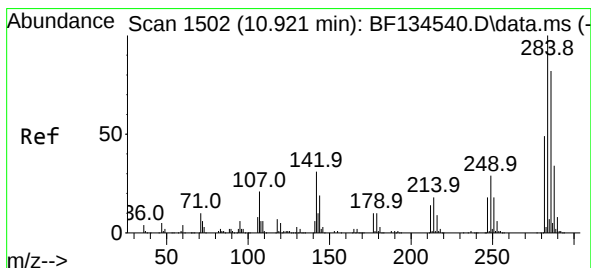
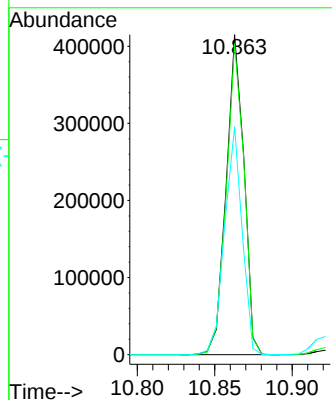
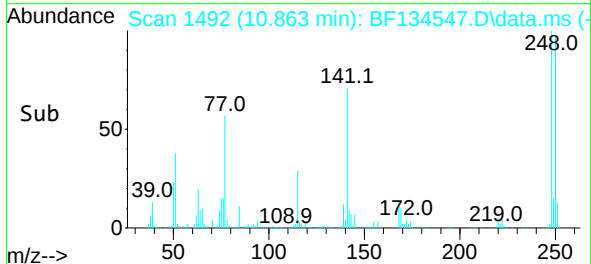
Instrument :
BNA_F
ClientSampleId :



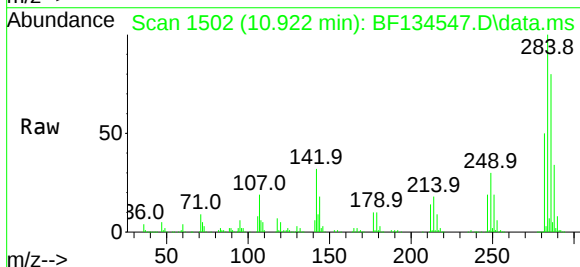
Tgt Ion:248 Resp: 330514
Ion Ratio Lower Upper
248 100
250 97.2 79.6 119.4
141 71.3 59.6 89.4

Manual Integrations
APPROVED

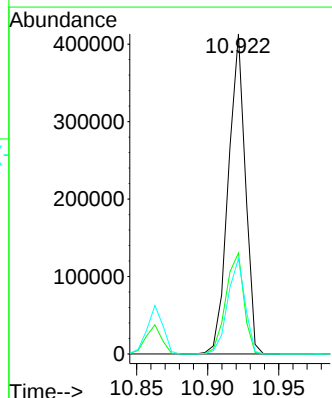
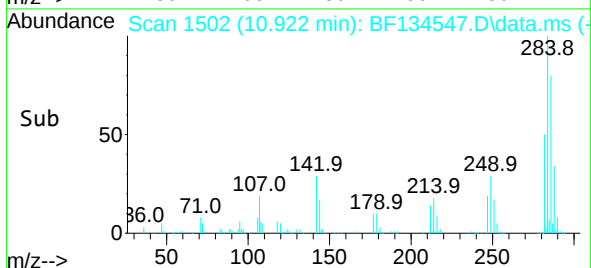
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

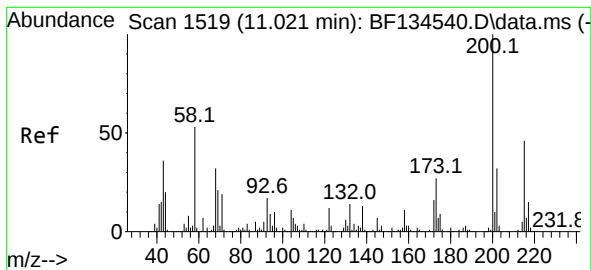


#68
Hexachlorobenzene
Concen: 37.857 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:284 Resp: 343637
Ion Ratio Lower Upper
284 100
142 31.5 26.5 39.7
249 29.7 23.8 35.8





#69

Atrazine

Concen: 39.579 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

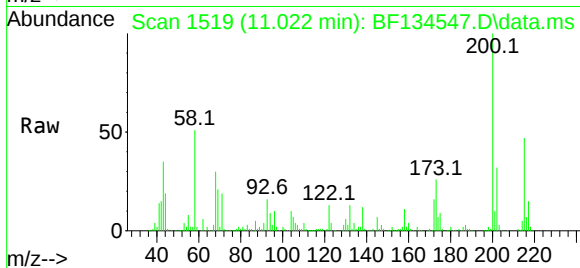
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



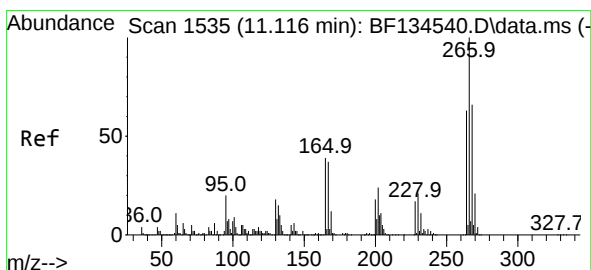
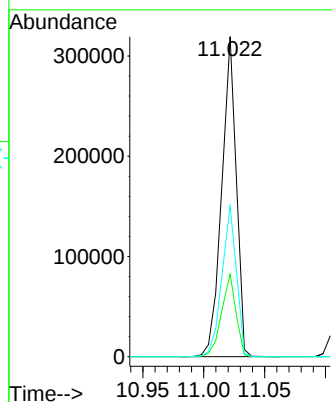
Tgt Ion:	200	Resp:	26663
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.1	46.1
215	47.0	29.7	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#70

Pentachlorophenol

Concen: 42.417 ng

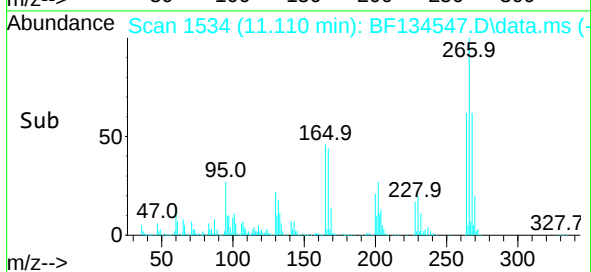
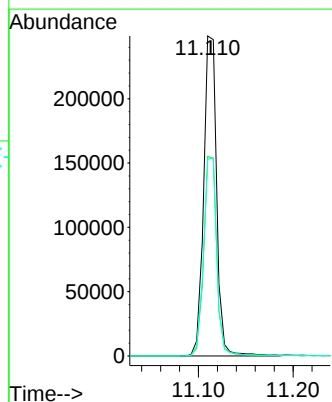
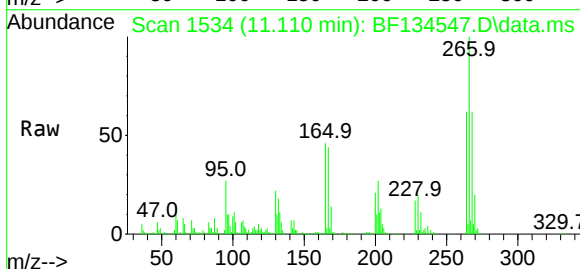
RT: 11.110 min Scan# 1534

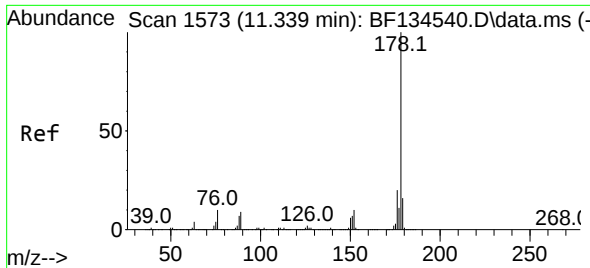
Delta R.T. -0.006 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

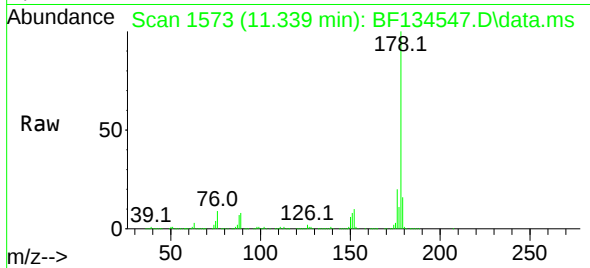
Tgt Ion:	266	Resp:	238400
Ion Ratio	Lower	Upper	
266	100		
268	62.3	52.9	79.3
264	61.5	47.8	71.6





#71
Phenanthrene
Concen: 37.476 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

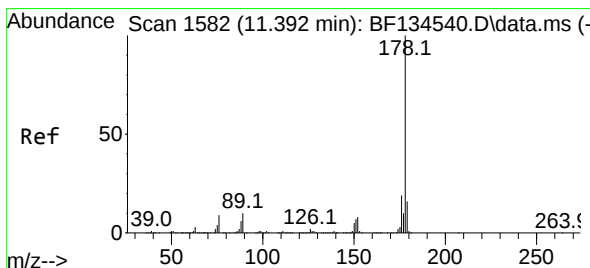
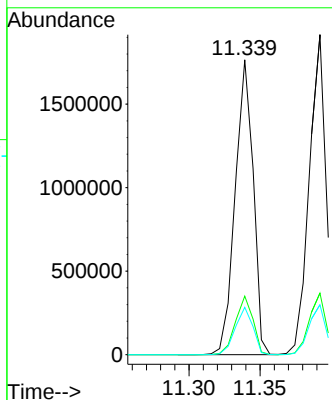
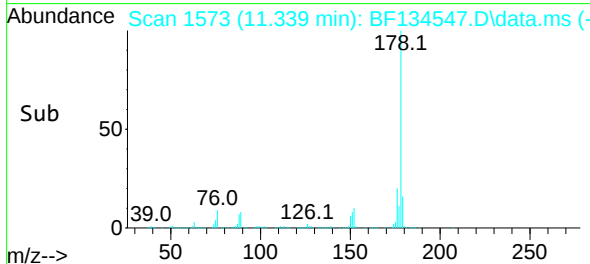
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:178 Resp: 156311
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.1 12.7 19.1

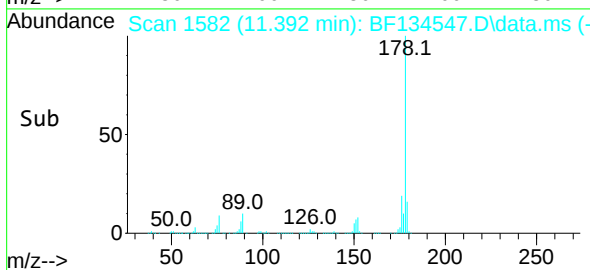
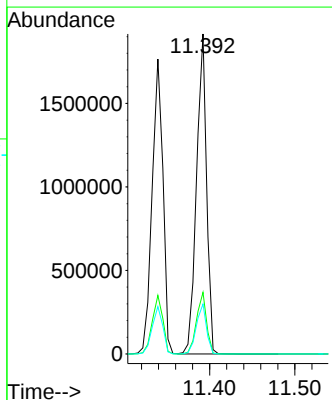
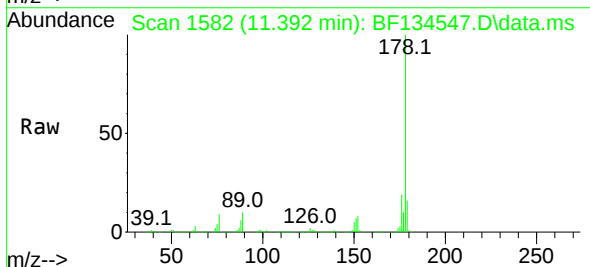
Manual Integrations
APPROVED

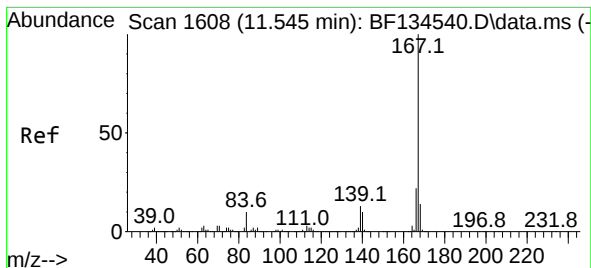
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#72
Anthracene
Concen: 37.016 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:178 Resp: 1577058
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.6 12.3 18.5





#73

Carbazole

Concen: 36.990 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.000 min

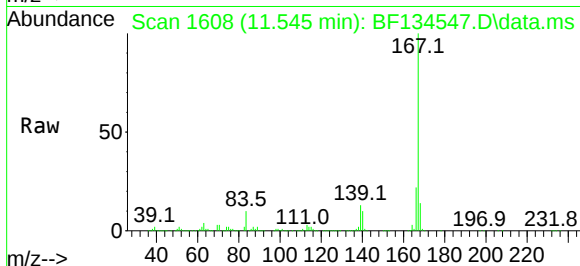
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:167 Resp: 140709

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

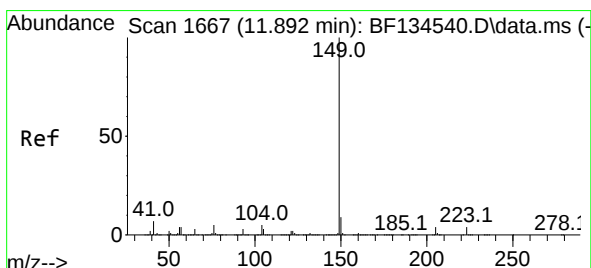
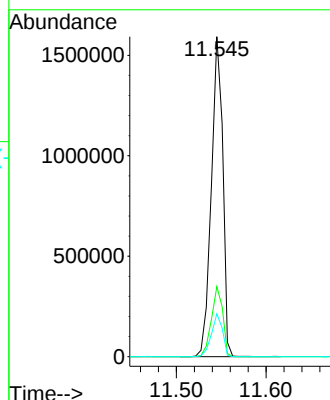
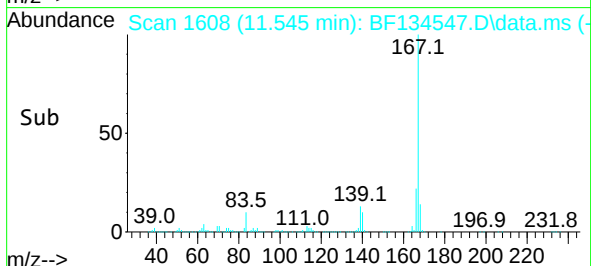
139 13.4 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#74

Di-n-butylphthalate

Concen: 39.313 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

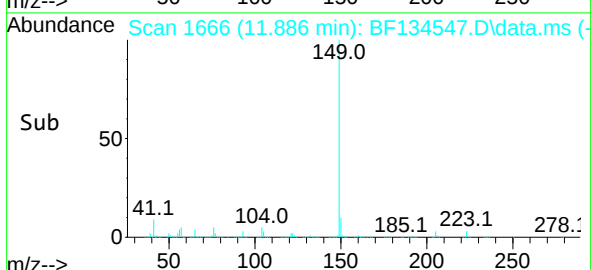
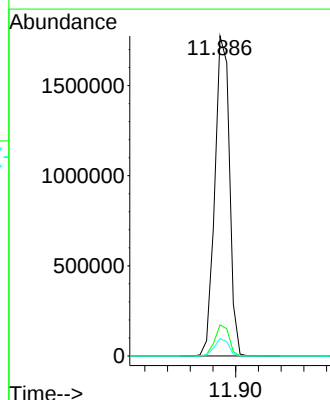
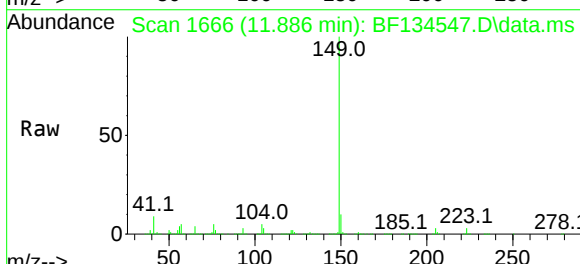
Tgt Ion:149 Resp: 1588808

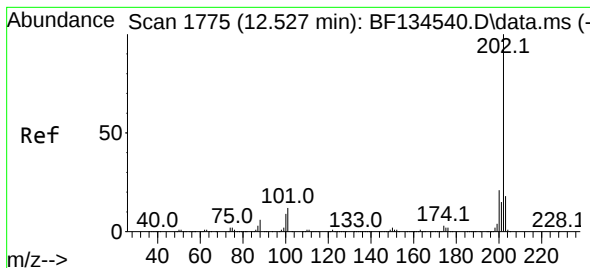
Ion Ratio Lower Upper

149 100

150 9.7 7.2 10.8

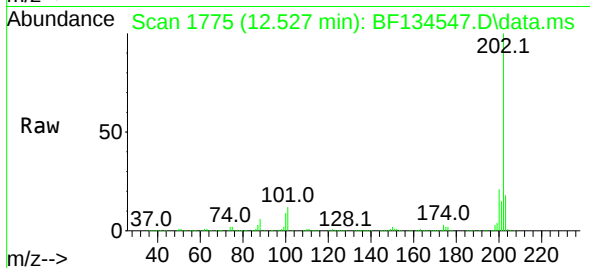
104 5.5 3.8 5.8





#75
Fluoranthene
Concen: 36.989 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

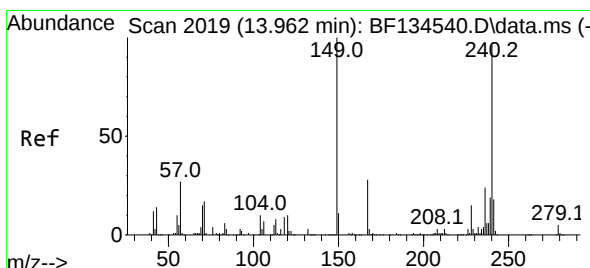
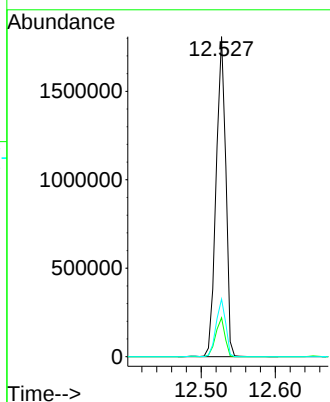
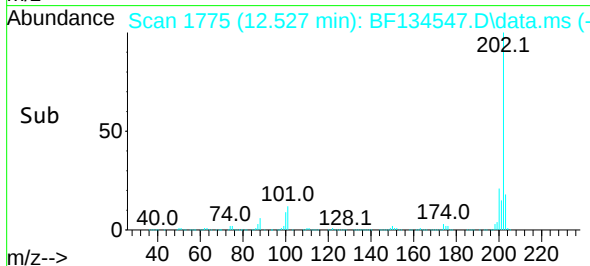
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:202 Resp: 1629700
Ion Ratio Lower Upper
202 100
101 12.2 0.0 28.5
203 18.0 0.0 37.5

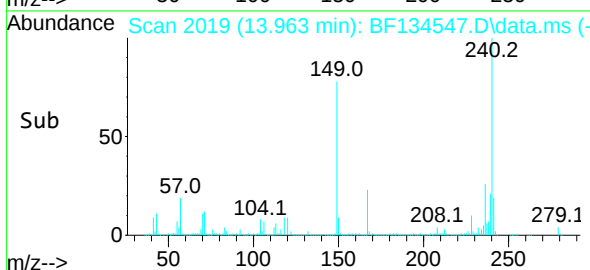
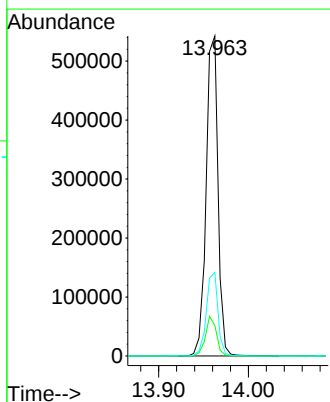
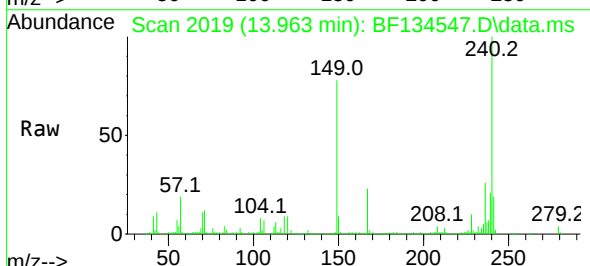
Manual Integrations
APPROVED

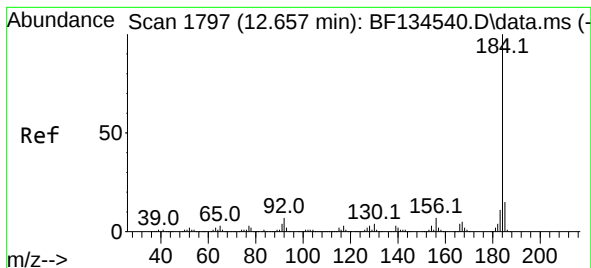
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Tgt Ion:240 Resp: 498206
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 26.1 20.2 30.2





#77

Benzidine

Concen: 43.482 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

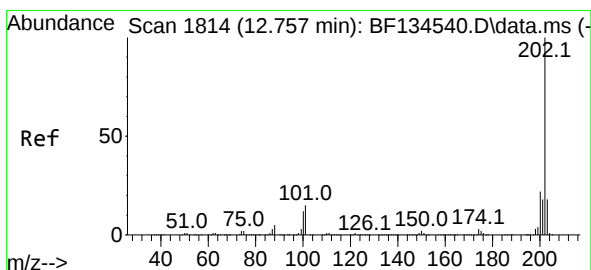
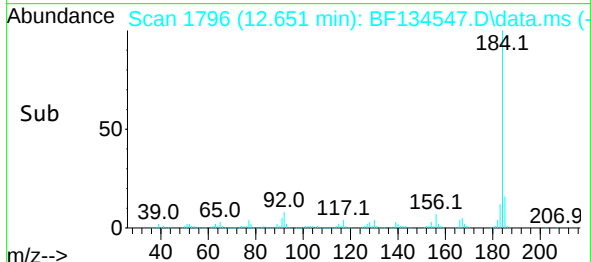
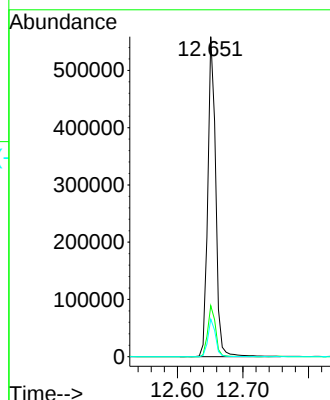
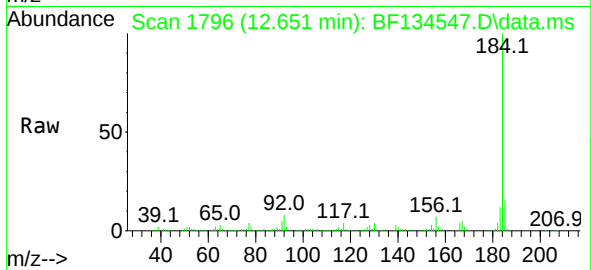
ClientSampleId :

Tgt Ion:184 Resp: 470254
 Ion Ratio Lower Upper
 184 100
 185 16.0 11.2 16.8
 183 11.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023



#78

Pyrene

Concen: 38.655 ng

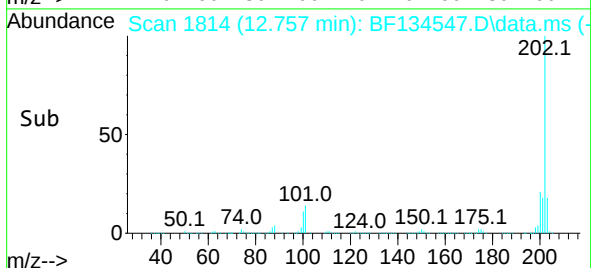
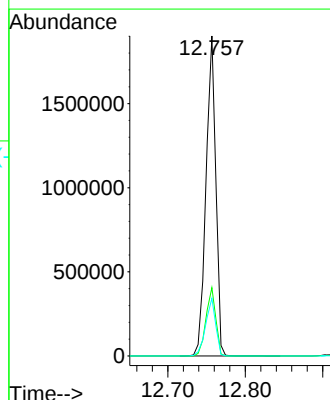
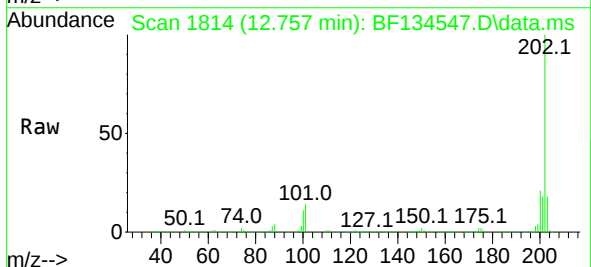
RT: 12.757 min Scan# 1814

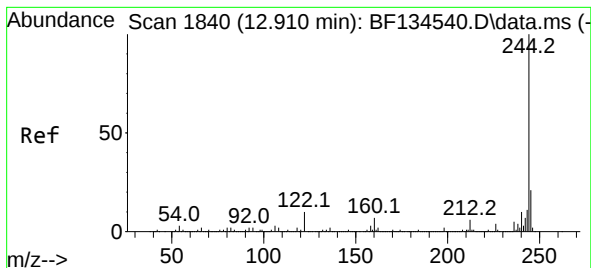
Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Tgt Ion:202 Resp: 1666439
 Ion Ratio Lower Upper
 202 100
 200 21.4 15.8 23.8
 203 18.0 13.5 20.3





#79

Terphenyl-d14

Concen: 76.921 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

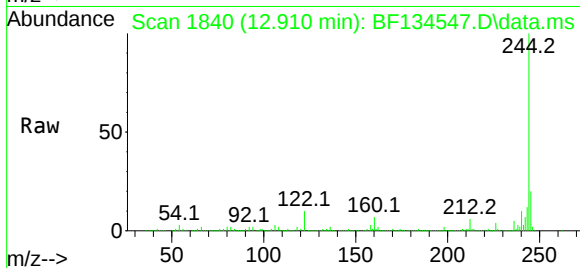
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:244 Resp: 217388

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

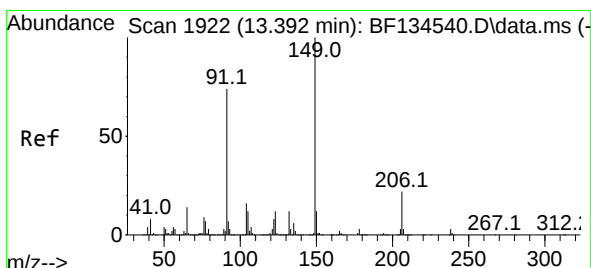
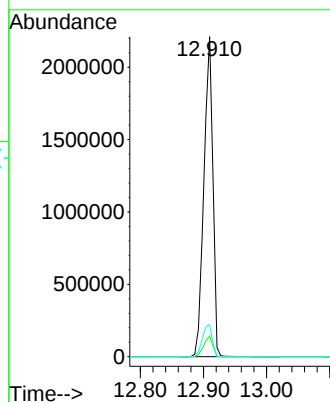
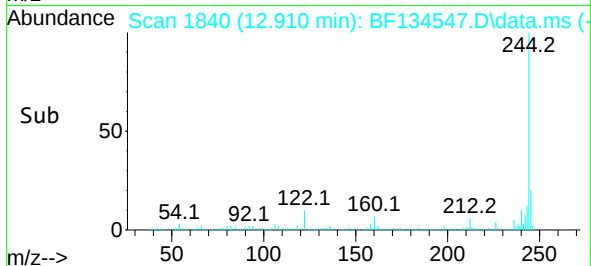
122 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#80

Butylbenzylphthalate

Concen: 42.714 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

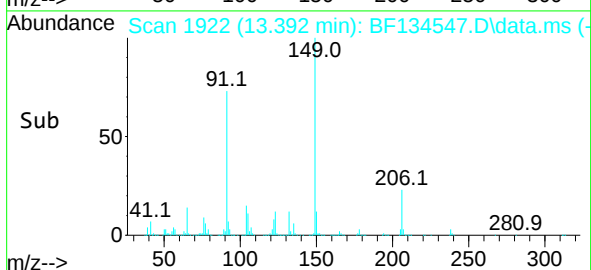
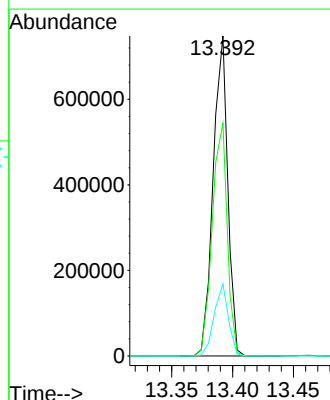
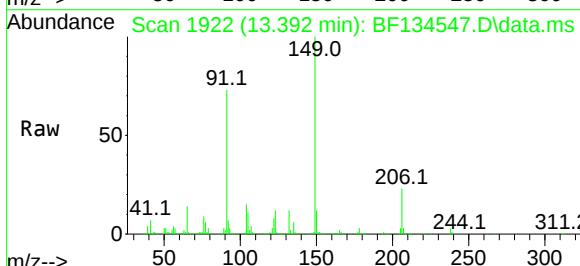
Tgt Ion:149 Resp: 622664

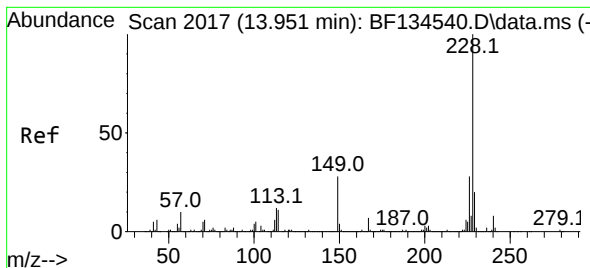
Ion Ratio Lower Upper

149 100

91 72.7 55.8 83.6

206 22.6 14.6 21.8#





#81

Benzo(a)anthracene

Concen: 38.738 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

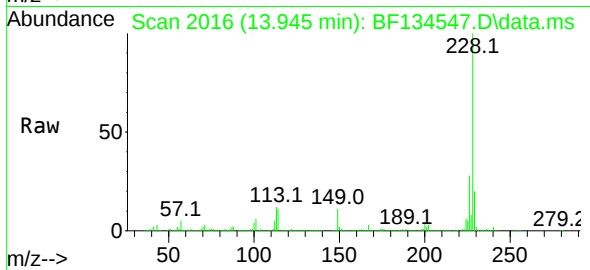
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:228 Resp: 1379999

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

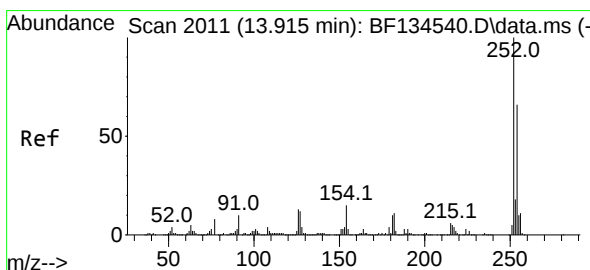
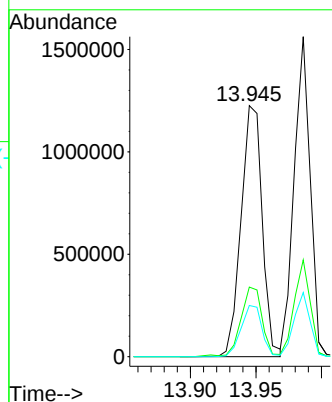
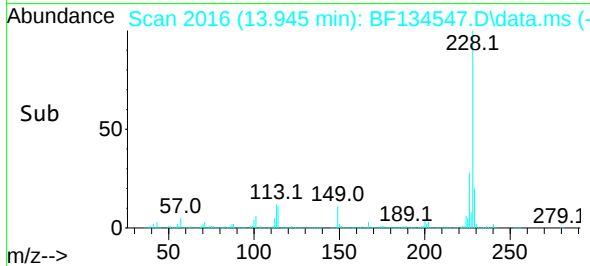
229 20.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.254 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

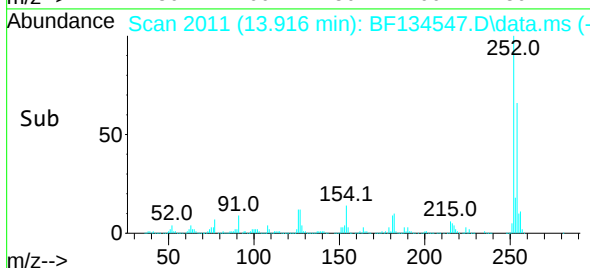
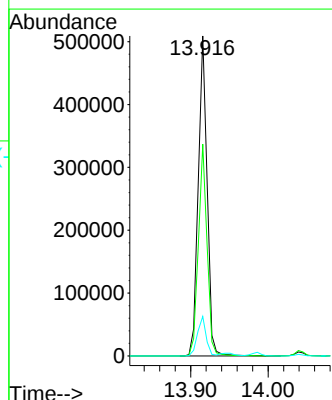
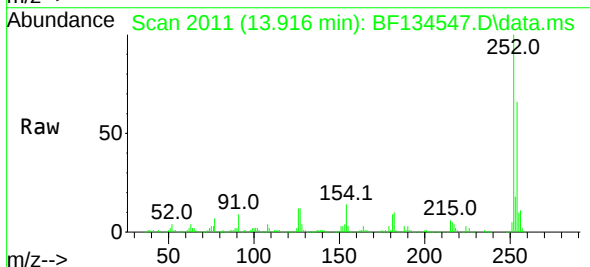
Tgt Ion:252 Resp: 405343

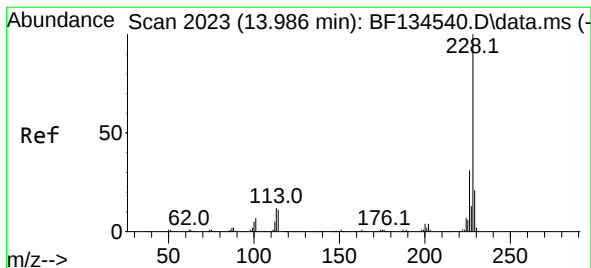
Ion Ratio Lower Upper

252 100

254 66.2 52.7 79.1

126 12.3 7.2 10.8#





#83

Chrysene

Concen: 38.435 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

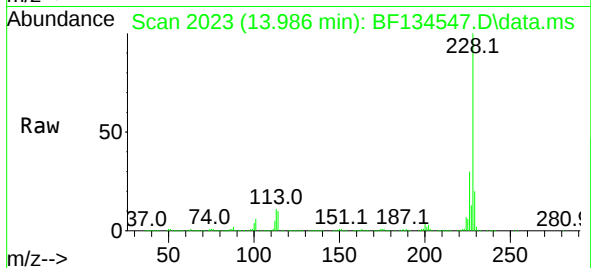
Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:228 Resp: 1333978

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

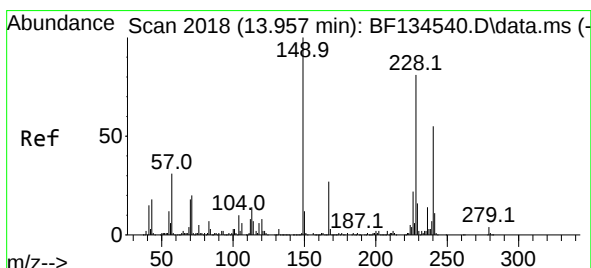
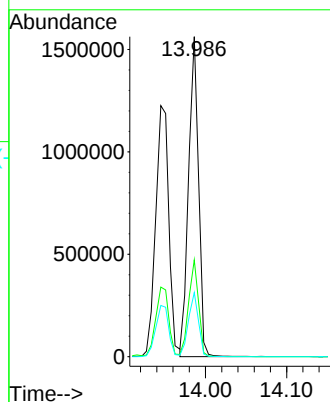
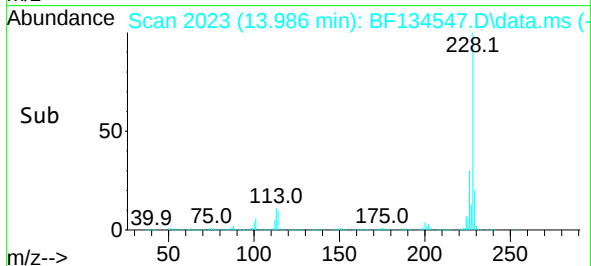
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2023

Supervised By :mohammad ahmed 08/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.571 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134547.D

Acq: 01 Aug 2023 14:27

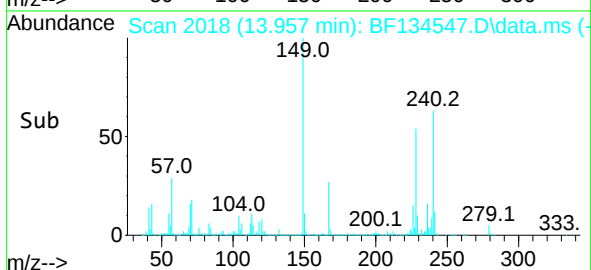
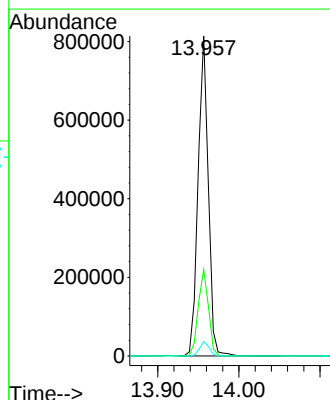
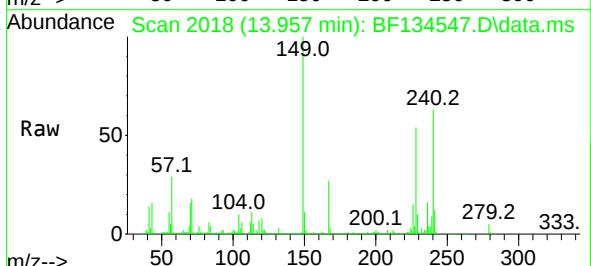
Tgt Ion:149 Resp: 713153

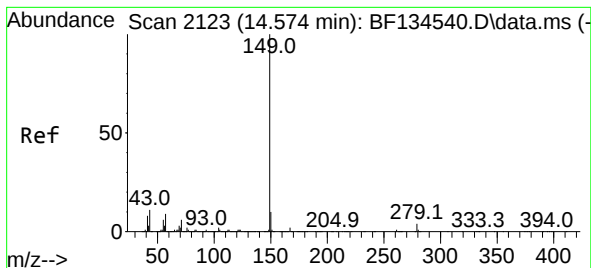
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

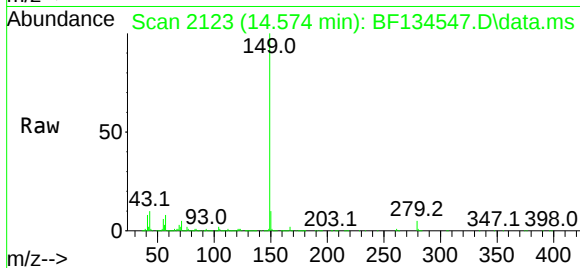
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 41.835 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

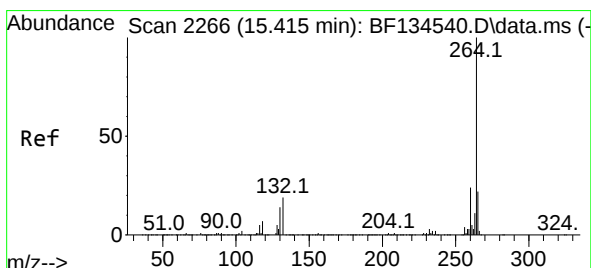
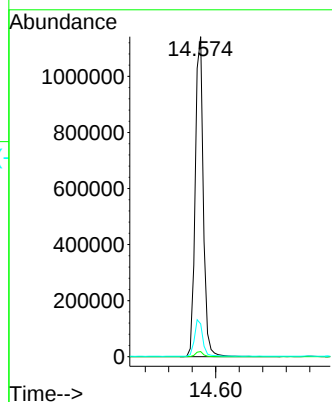
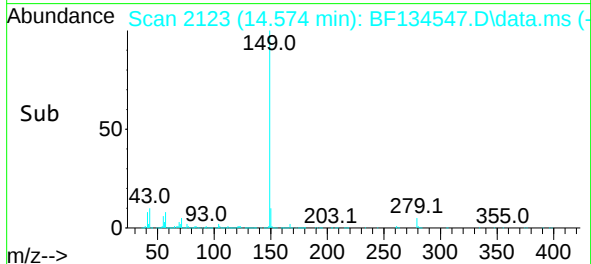
Instrument :
BNA_F
ClientSampleId :



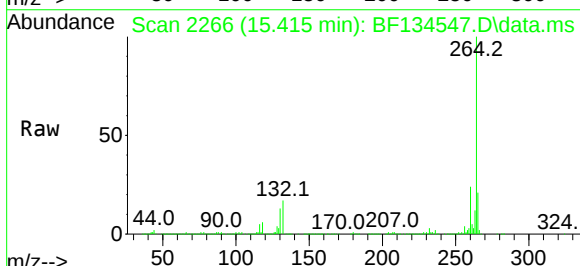
Tgt Ion:149 Resp: 109138
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 8.1 12.1

Manual Integrations
APPROVED

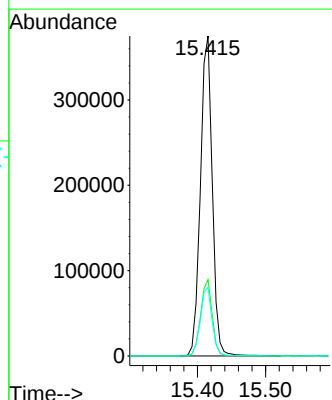
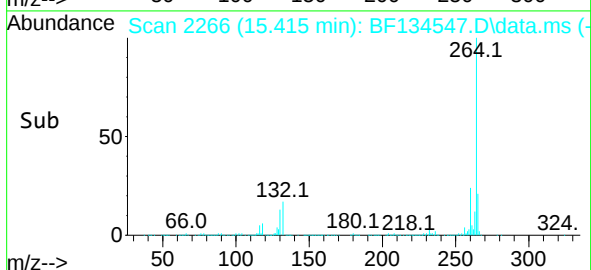
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

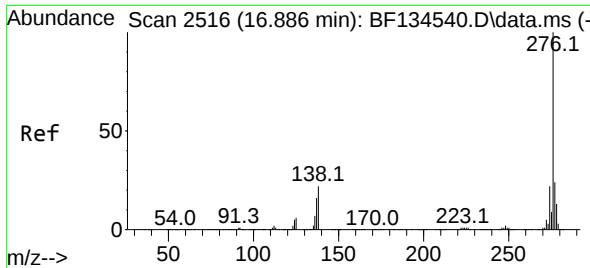


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion:264 Resp: 453778
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.4 15.8 23.8



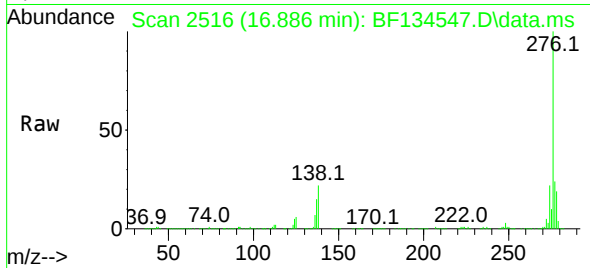


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.587 ng
 RT: 16.886 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :



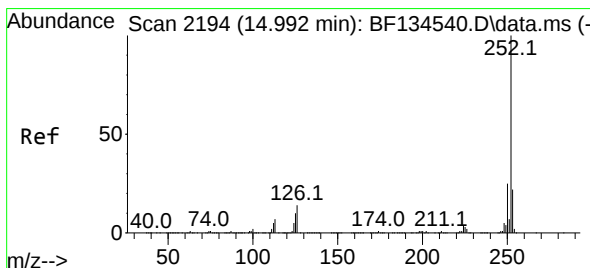
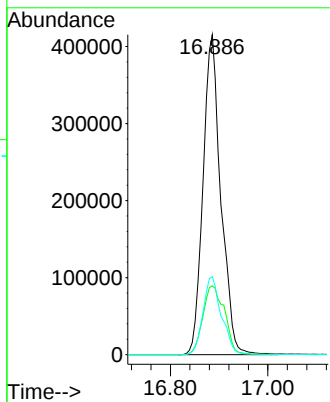
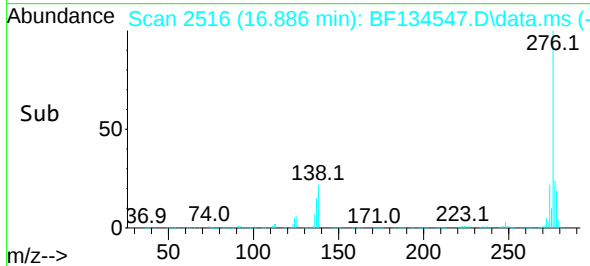
Tgt Ion:276 Resp: 1056499
 Ion Ratio Lower Upper
 276 100
 138 26.2 14.2 21.4
 277 25.2 19.9 29.9

Manual Integrations

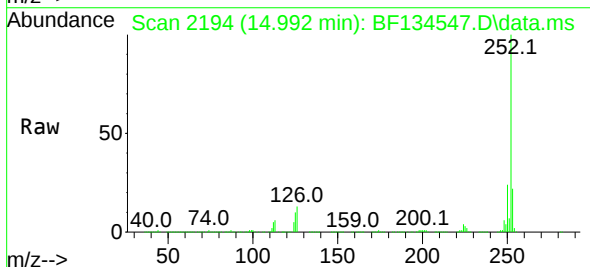
APPROVED

Reviewed By :Yogesh Patel 08/02/2023

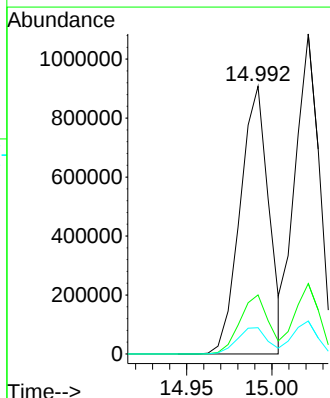
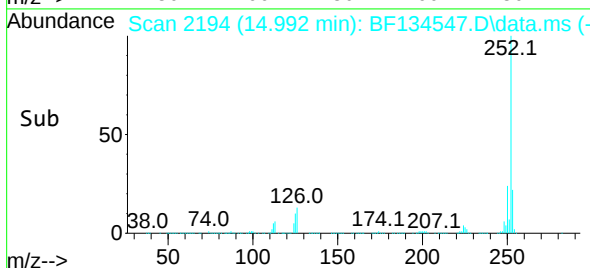
Supervised By :mohammad ahmed 08/02/2023

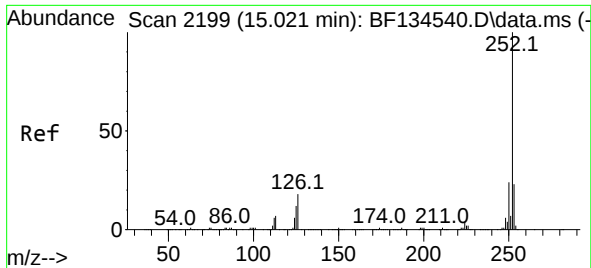


#88
 Benzo(b)fluoranthene
 Concen: 38.414 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF134547.D
 Acq: 01 Aug 2023 14:27



Tgt Ion:252 Resp: 1063120
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 9.8 6.0 9.0#



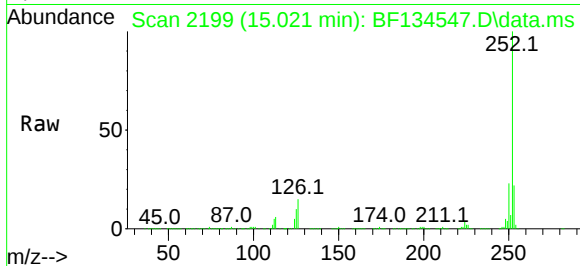


#89
Benzo(k)fluoranthene
Concen: 39.336 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

Instrument :

BNA_F

ClientSampleId :

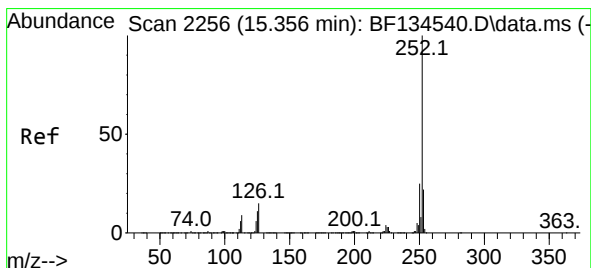
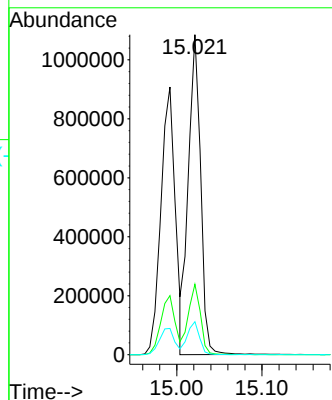
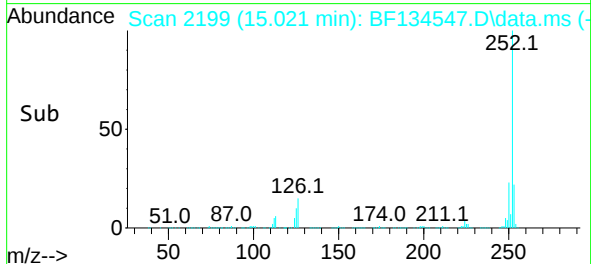


Tgt Ion:252 Resp: 1084479
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.3 6.3 9.5

Manual Integrations

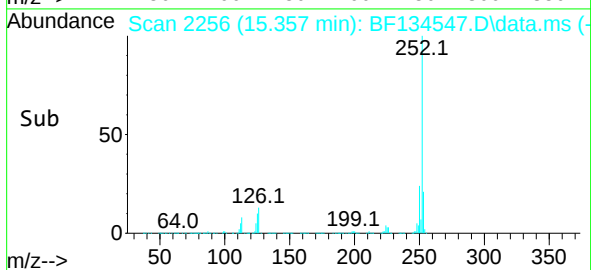
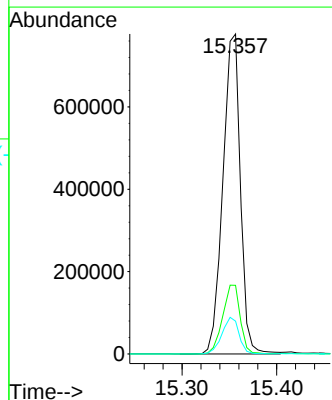
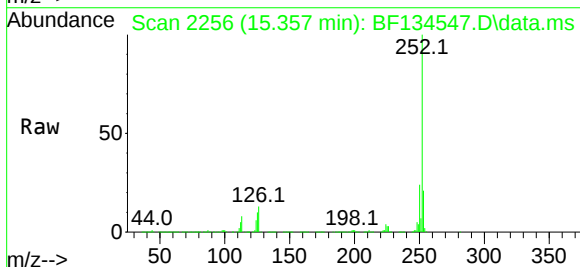
APPROVED

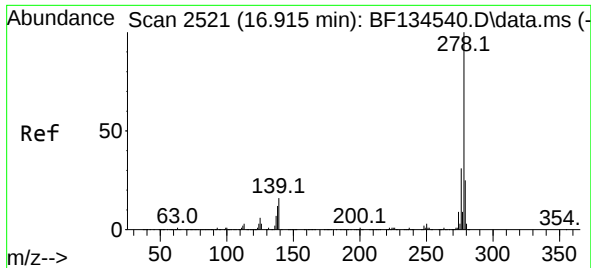
Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023



#90
Benzo(a)pyrene
Concen: 38.721 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

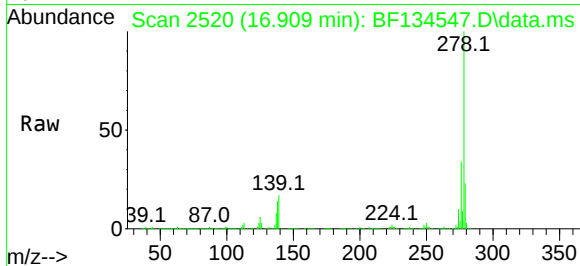
Tgt Ion:252 Resp: 999163
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.2 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 40.459 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27

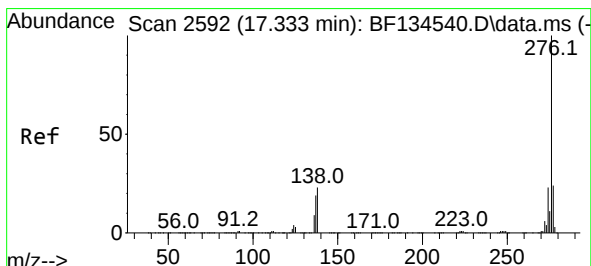
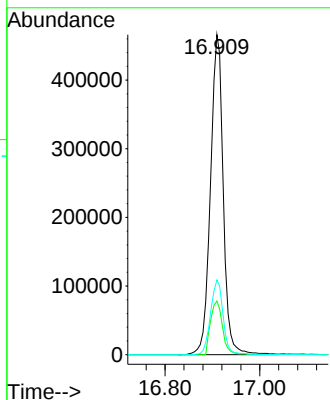
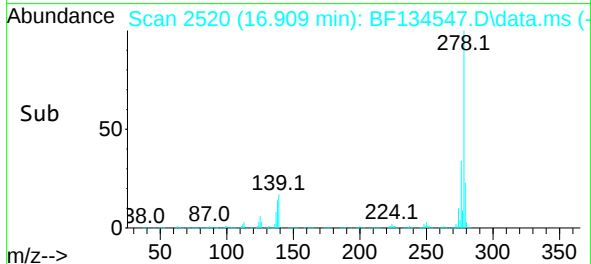
Instrument :
BNA_F
ClientSampleId :



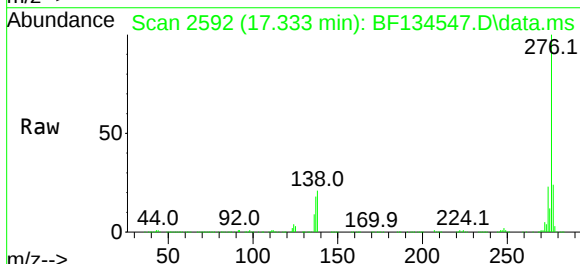
Tgt Ion: 278 Resp: 87262
Ion Ratio Lower Upper
278 100
139 16.7 10.0 15.0
279 23.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/02/2023
Supervised By : mohammad ahmed 08/02/2023



#92
Benzo(g,h,i)perylene
Concen: 39.729 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF134547.D
Acq: 01 Aug 2023 14:27



Tgt Ion: 276 Resp: 874057
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 21.4 12.2 18.2

