

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134606.D
 Acq On : 03 Aug 2023 12:31
 Operator : CG\JU
 Sample : 03686-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MSD

Quant Time: Aug 04 01:06:27 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	170727	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	656401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	278878	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	440725	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	270106	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	229204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	758252	67.512	ng	0.01
7) Phenol-d6	6.428	99	973668	67.818	ng	0.00
23) Nitrobenzene-d5	7.357	82	564447	53.738	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	191236	67.268	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	973067	58.015	ng	0.00
79) Terphenyl-d14	12.910	244	913250	59.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	205870	39.840	ng	95
3) Pyridine	3.346	79	520338	37.160	ng	91
4) n-Nitrosodimethylamine	3.310	42	292501	43.718	ng	# 66
6) Aniline	6.463	93	651279	34.585	ng	90
8) 2-Chlorophenol	6.581	128	549806	48.528	ng	95
9) Benzaldehyde	6.351	77	306885	47.972	ng	95
10) Phenol	6.445	94	679247m	48.009	ng	
11) bis(2-Chloroethyl)ether	6.540	93	521180	46.371	ng	92
12) 1,3-Dichlorobenzene	6.739	146	564955m	48.196	ng	
13) 1,4-Dichlorobenzene	6.816	146	567537	48.309	ng	97
14) 1,2-Dichlorobenzene	6.963	146	542166	49.530	ng	96
15) Benzyl Alcohol	6.939	79	461906	46.636	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	815079	46.290	ng	89
17) 2-Methylphenol	7.051	107	431402	43.090	ng	92
18) Hexachloroethane	7.304	117	189523	45.965	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	357651	41.607	ng	94
20) 3+4-Methylphenols	7.204	107	502665	41.632	ng	# 87
22) Acetophenone	7.204	105	673528	44.447	ng	# 93
24) Nitrobenzene	7.375	77	557019	49.087	ng	97
25) Isophorone	7.616	82	1002367	43.753	ng	99
26) 2-Nitrophenol	7.692	139	247238	50.882	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	469640	45.944	ng	84
28) bis(2-Chloroethoxy)met...	7.828	93	622273	45.407	ng	99
29) 2,4-Dichlorophenol	7.934	162	416035	44.843	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	458739	46.368	ng	97
31) Naphthalene	8.098	128	1433202	43.444	ng	99
32) Benzoic acid	7.839	122	280938	43.094	ng	93
33) 4-Chloroaniline	8.145	127	333115	22.662	ng	97
34) Hexachlorobutadiene	8.216	225	263858	46.237	ng	95
35) Caprolactam	8.516	113	132189	44.163	ng	89
36) 4-Chloro-3-methylphenol	8.628	107	411365	41.868	ng	92
37) 2-Methylnaphthalene	8.786	142	888476	40.631	ng	100
38) 1-Methylnaphthalene	8.886	142	825604	40.603	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	412259	50.836	ng	99
41) Hexachlorocyclopentadiene	8.939	237	200385	50.813	ng	95
43) 2,4,6-Trichlorophenol	9.063	196	265715	50.065	ng	97

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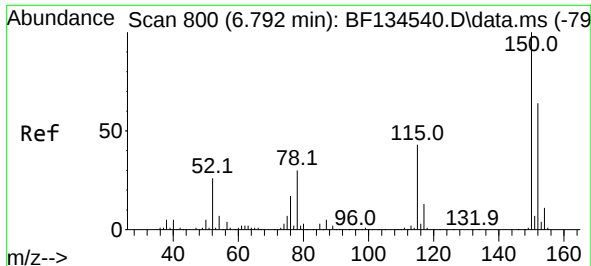
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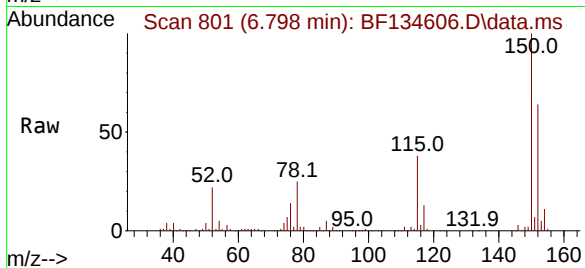
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	268630	44.286	ng	90
46) 1,1'-Biphenyl	9.251	154	1069144	49.300	ng	97
47) 2-Chloronaphthalene	9.275	162	761498	46.863	ng	98
48) 2-Nitroaniline	9.375	65	249710	49.206	ng	88
49) Acenaphthylene	9.692	152	1150512	45.043	ng	99
50) Dimethylphthalate	9.557	163	939499	49.428	ng	98
51) 2,6-Dinitrotoluene	9.616	165	194608	49.868	ng	85
52) Acenaphthene	9.863	154	744509	44.978	ng	99
53) 3-Nitroaniline	9.780	138	189407	44.707	ng	92
54) 2,4-Dinitrophenol	9.886	184	55389	45.358	ng	87
55) Dibenzofuran	10.033	168	1011914	42.943	ng	96
56) 4-Nitrophenol	9.945	139	323980	93.501	ng	# 69
57) 2,4-Dinitrotoluene	10.016	165	230056	48.854	ng	# 91
58) Fluorene	10.380	166	714714	41.641	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	215053	44.812	ng	96
60) Diethylphthalate	10.257	149	841533	46.709	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	371612	44.049	ng	93
62) 4-Nitroaniline	10.392	138	174267	41.967	ng	86
63) Azobenzene	10.533	77	789210	40.771	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	45520	29.622	ng	84
66) n-Nitrosodiphenylamine	10.492	169	681176	48.559	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	230402	47.756	ng	99
68) Hexachlorobenzene	10.922	284	252772	49.615	ng	100
69) Atrazine	11.022	200	224881	59.477	ng	98
70) Pentachlorophenol	11.122	266	274988	87.175	ng	97
71) Phenanthrene	11.339	178	1054149	45.031	ng	100
72) Anthracene	11.392	178	1079355	45.139	ng	98
73) Carbazole	11.551	167	970403	45.452	ng	99
74) Di-n-butylphthalate	11.892	149	1101809	48.576	ng	100
75) Fluoranthene	12.533	202	1106979	44.767	ng	98
77) Benzidine	12.657	184	641402	109.390	ng	98
78) Pyrene	12.763	202	1134789	48.552	ng	97
80) Butylbenzylphthalate	13.392	149	441503	55.863	ng	# 93
81) Benzo(a)anthracene	13.951	228	868589	44.972	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	337375	60.263	ng	99
83) Chrysene	13.986	228	827725	43.989	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	560426	60.256	ng	100
85) Di-n-octyl phthalate	14.574	149	965638	68.274	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	638928	47.398	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	674506	48.252	ng	# 98
89) Benzo(k)fluoranthene	15.027	252	676487m	48.580	ng	
90) Benzo(a)pyrene	15.362	252	572873	43.953	ng	# 97
91) Dibenzo(a,h)anthracene	16.921	278	530721	48.717	ng	# 96
92) Benzo(g,h,i)perylene	17.345	276	492575	44.326	ng	# 95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134606.D
 Acq: 03 Aug 2023 12:31

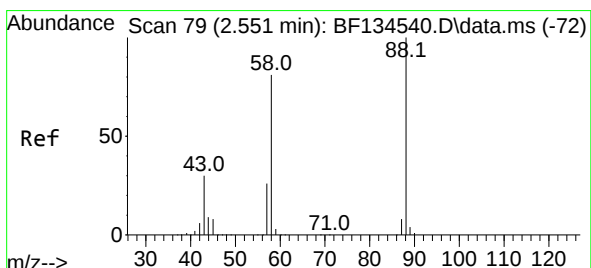
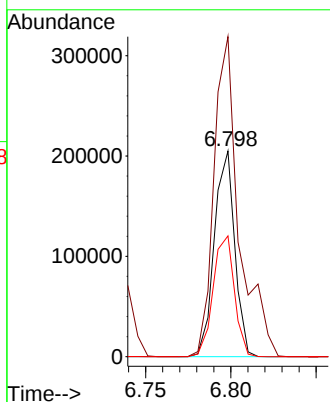
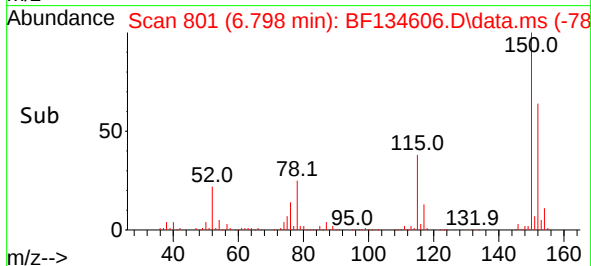
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MSD



Tgt Ion:152 Resp: 17072
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.3 192.5
 115 58.7 52.4 78.6

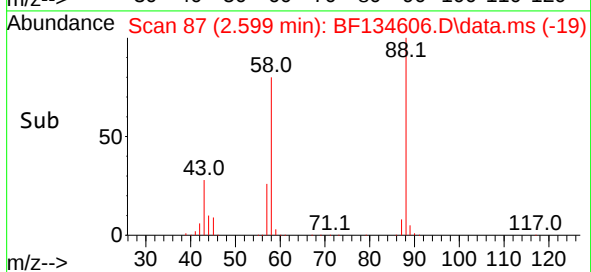
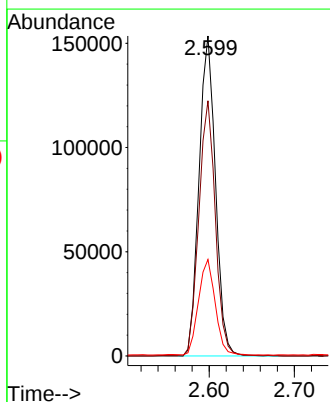
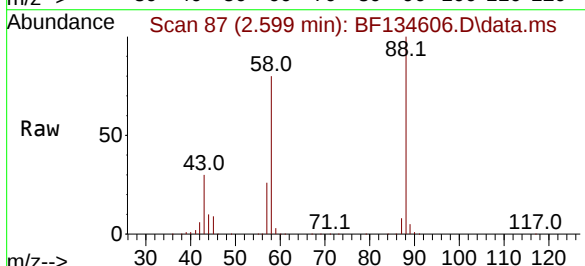
Manual Integrations
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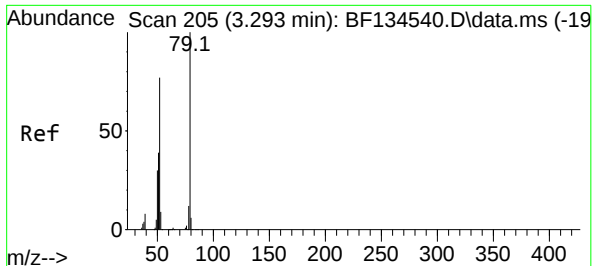
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023



#2
 1,4-Dioxane
 Concen: 39.840 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.047 min
 Lab File: BF134606.D
 Acq: 03 Aug 2023 12:31

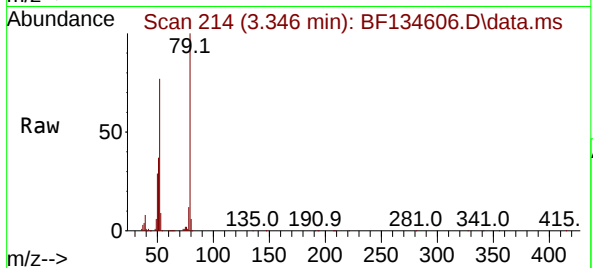
Tgt Ion: 88 Resp: 205870
 Ion Ratio Lower Upper
 88 100
 58 79.7 65.1 97.7
 43 30.4 30.3 45.5





#3
Pyridine
Concen: 37.160 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.053 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

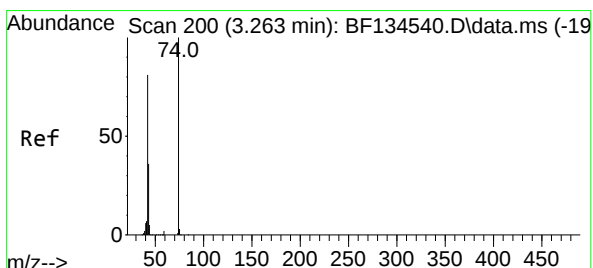
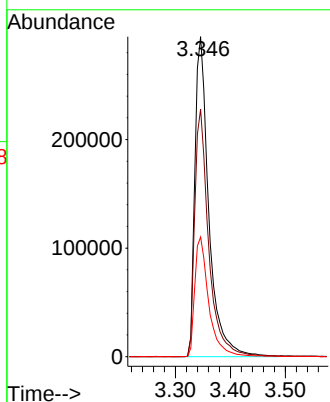
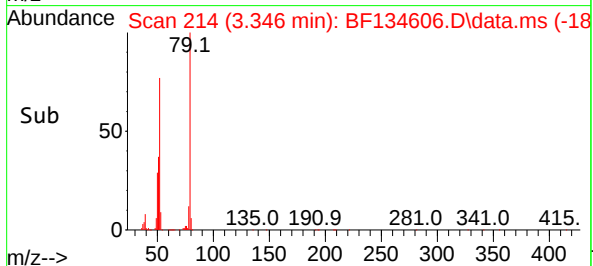
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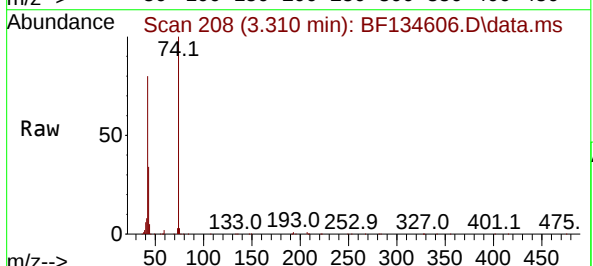
Tgt Ion: 79 Resp: 520338
Ion Ratio Lower Upper
79 100
52 77.4 66.6 100.0
51 37.4 36.5 54.7

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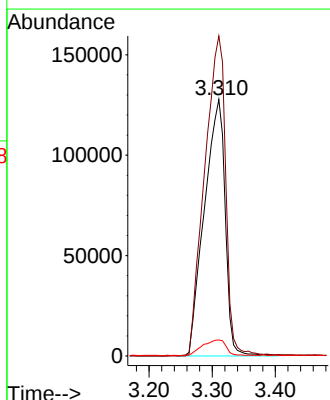
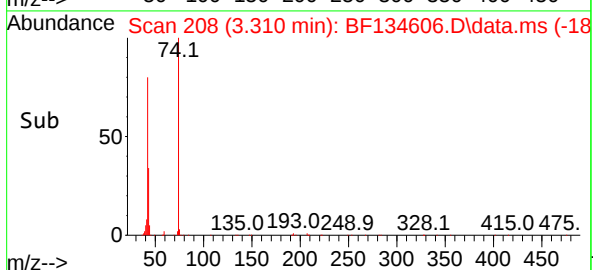
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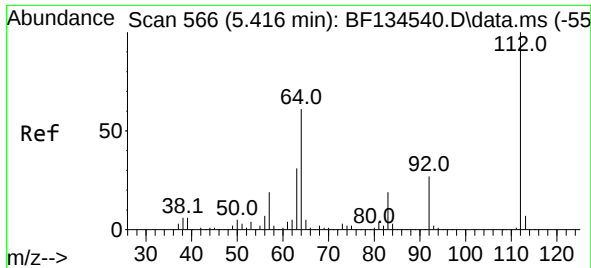


#4
n-Nitrosodimethylamine
Concen: 43.718 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.047 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



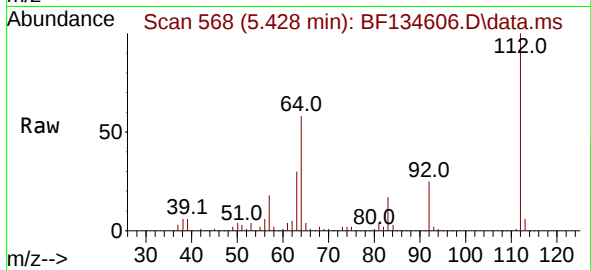
Tgt Ion: 42 Resp: 292501
Ion Ratio Lower Upper
42 100
74 124.7 72.2 108.4
44 6.2 5.4 8.0





#5
2-Fluorophenol
Concen: 67.512 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

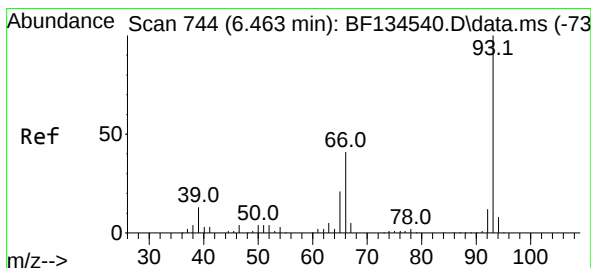
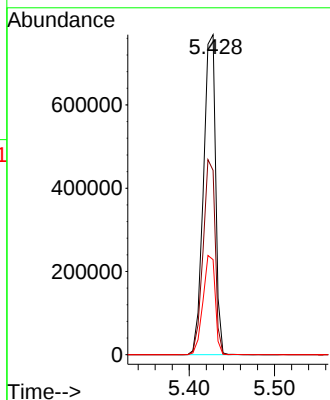
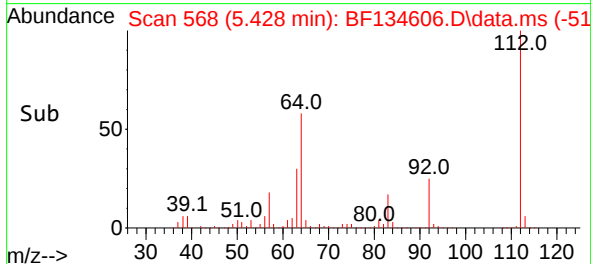
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Tgt Ion:112 Resp: 75825
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 29.7 25.4 38.0

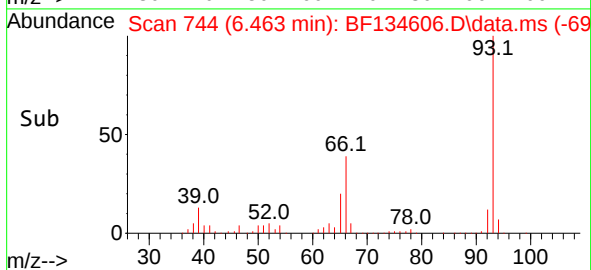
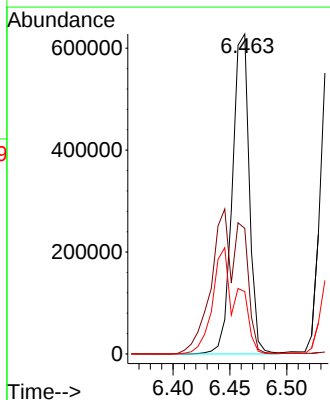
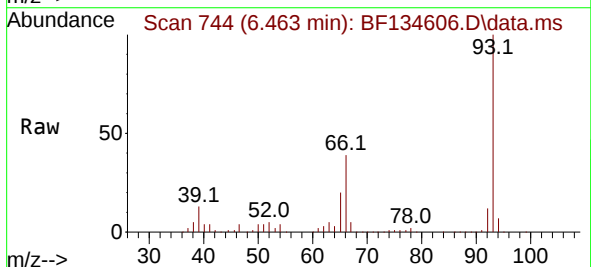
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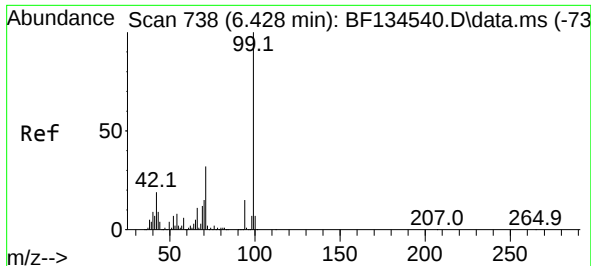
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#6
Aniline
Concen: 34.585 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

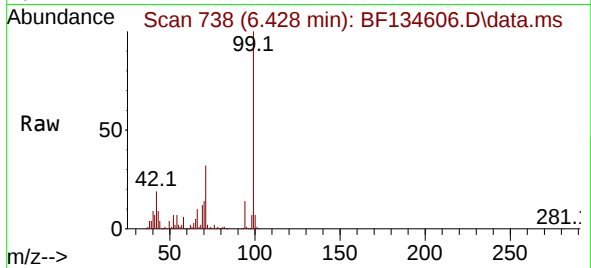
Tgt Ion: 93 Resp: 651279
Ion Ratio Lower Upper
93 100
66 39.2 36.8 55.2
65 19.5 19.4 29.0





#7
Phenol-d6
Concen: 67.818 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

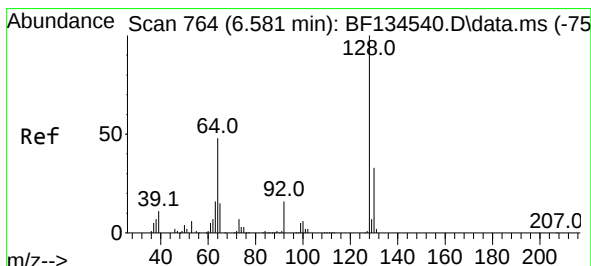
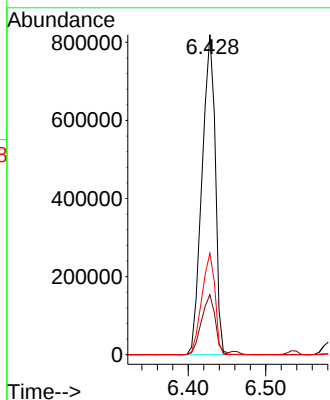
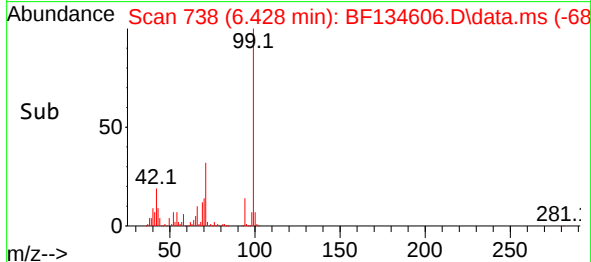
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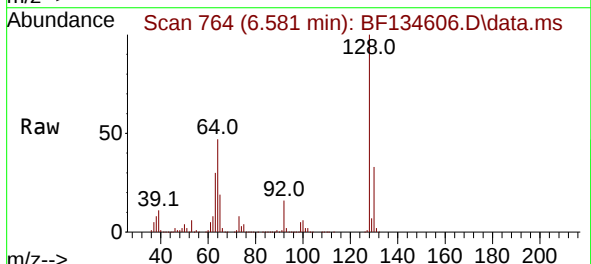
Tgt Ion: 99 Resp: 97366
Ion Ratio Lower Upper
99 100
42 18.8 18.7 28.1
71 31.7 36.4 54.6

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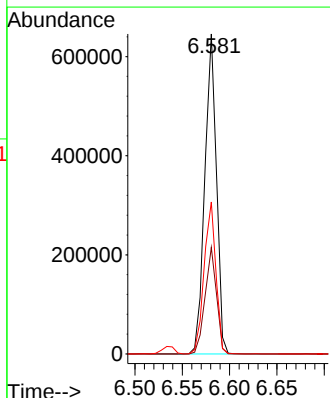
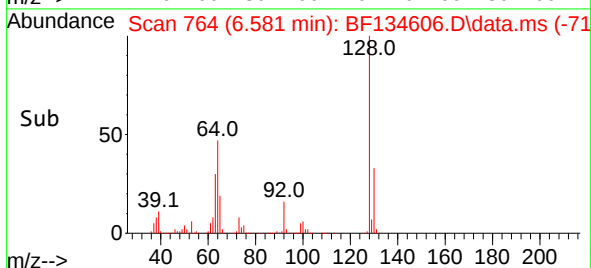
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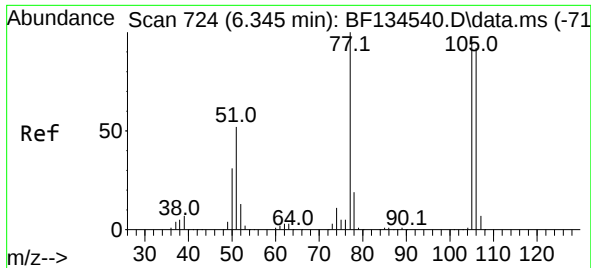


#8
2-Chlorophenol
Concen: 48.528 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



Tgt Ion:128 Resp: 549806
Ion Ratio Lower Upper
128 100
130 33.3 11.1 51.1
64 47.5 31.9 71.9





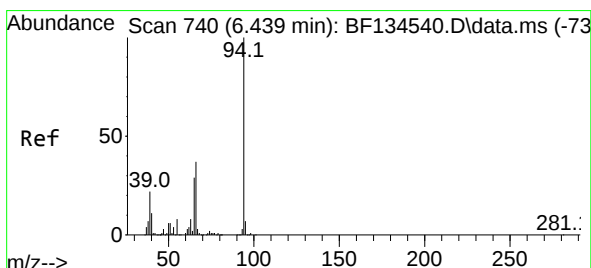
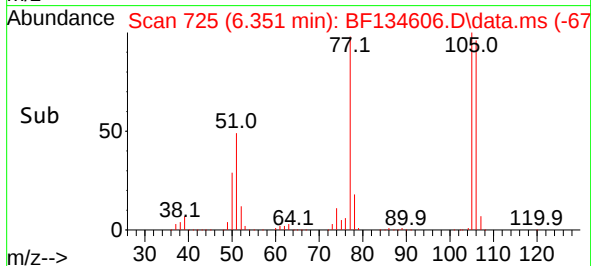
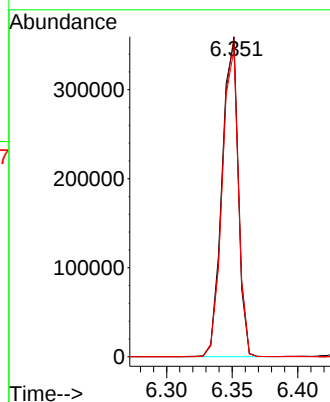
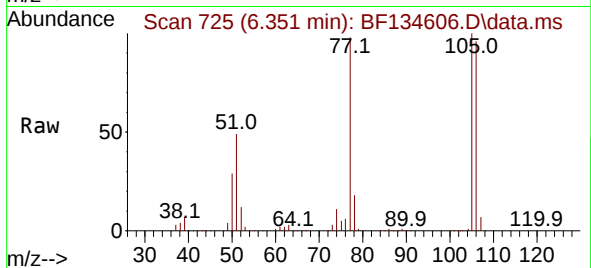
#9
Benzaldehyde
Concen: 47.972 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 30688
Ion Ratio Lower Upper
77 100
105 101.6 77.1 117.1
106 97.5 71.4 111.4

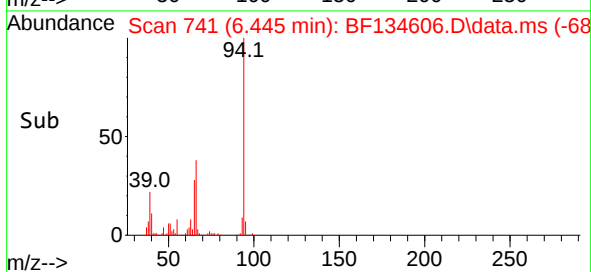
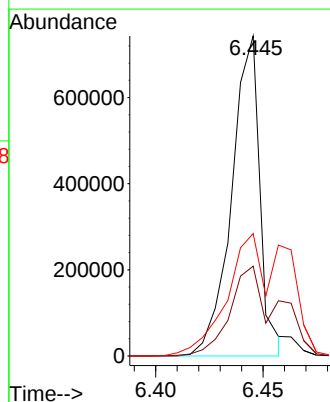
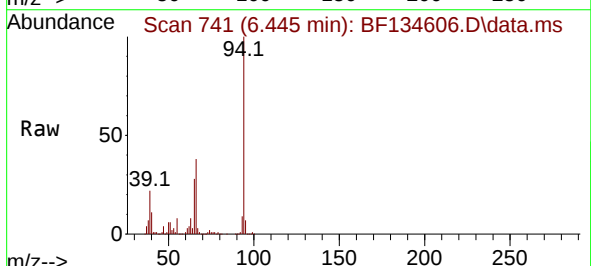
Manual Integrations
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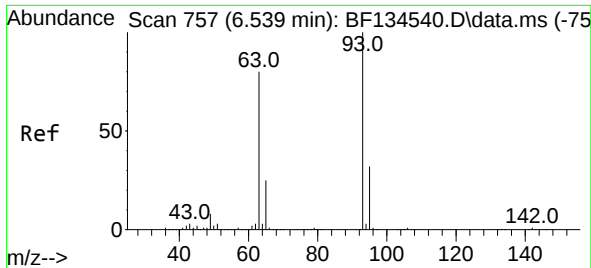
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#10
Phenol
Concen: 48.009 ng m
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

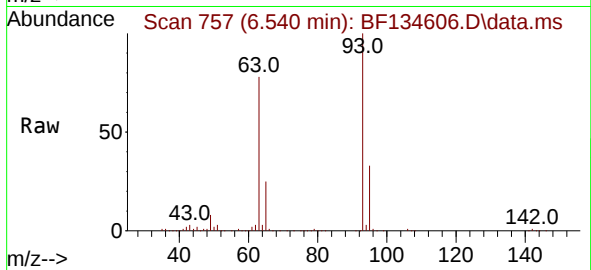
Tgt Ion: 94 Resp: 679247
Ion Ratio Lower Upper
94 100
65 28.1 17.8 57.8
66 38.3 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 46.371 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

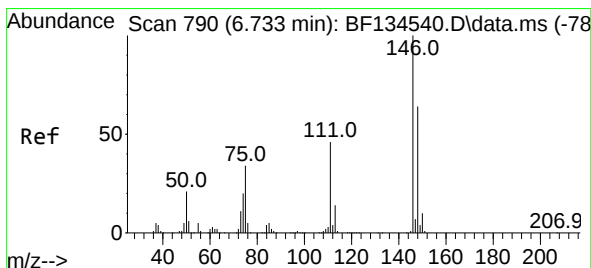
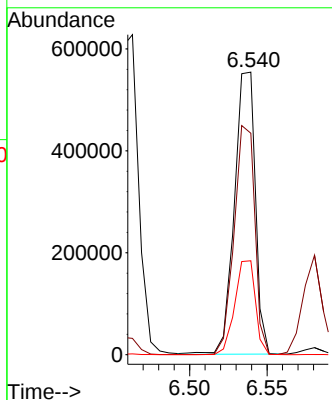
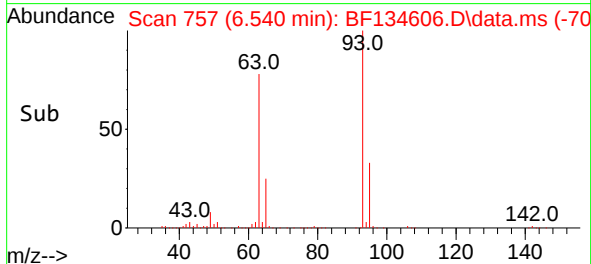
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



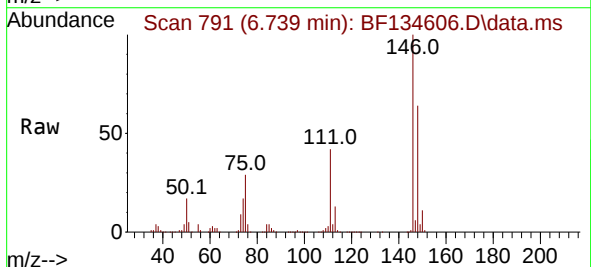
Tgt Ion: 93 Resp: 521180
Ion Ratio Lower Upper
93 100
63 78.4 68.4 108.4
95 33.3 12.4 52.4

Manual Integrations
APPROVED

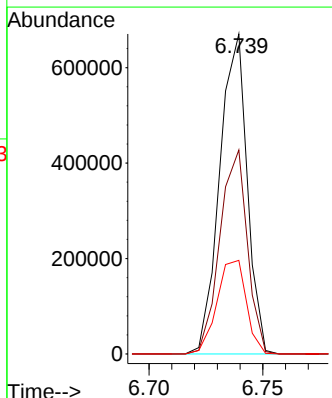
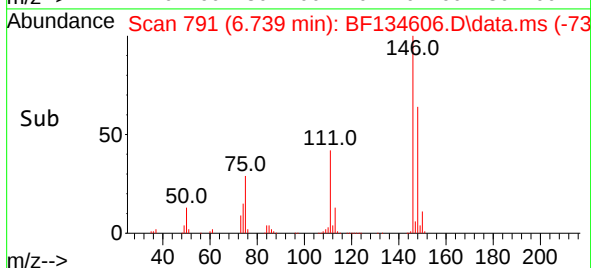
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

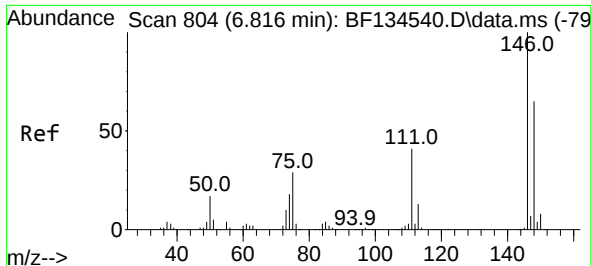


#12
1,3-Dichlorobenzene
Concen: 48.196 ng m
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



Tgt Ion:146 Resp: 564955
Ion Ratio Lower Upper
146 100
148 63.7 49.7 74.5
75 29.2 29.5 44.3#





#13

1,4-Dichlorobenzene

Concen: 48.309 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD

Tgt Ion:146 Resp: 56753

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

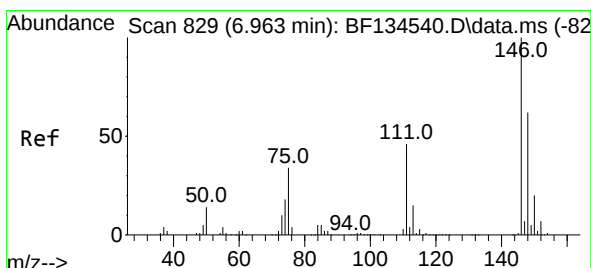
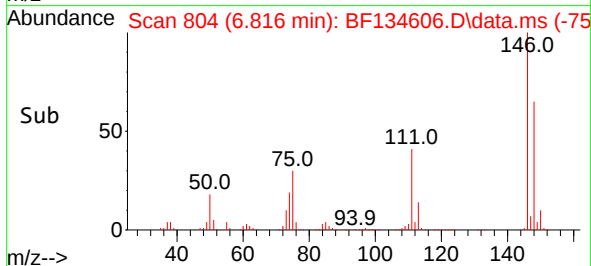
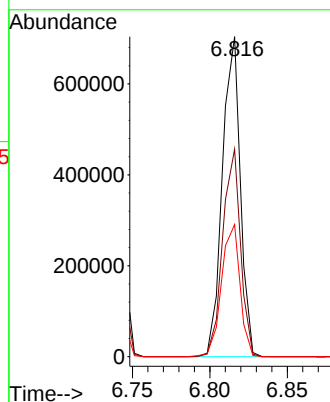
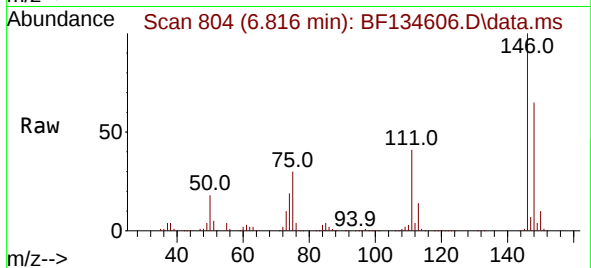
111 41.3 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#14

1,2-Dichlorobenzene

Concen: 49.530 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

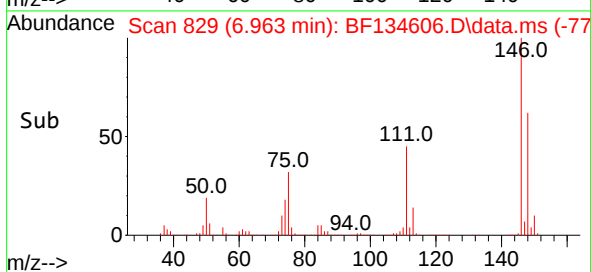
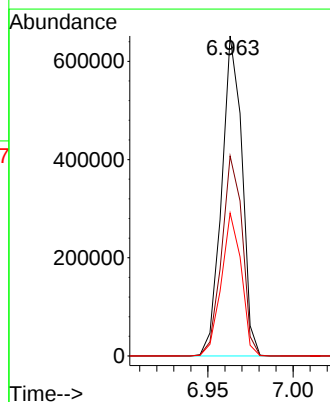
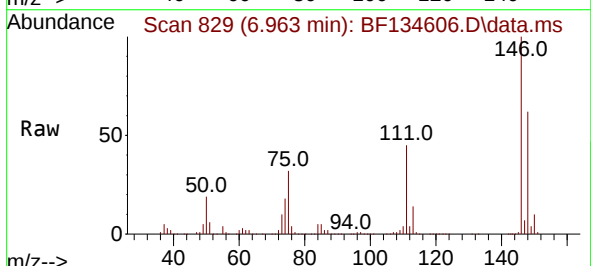
Tgt Ion:146 Resp: 542166

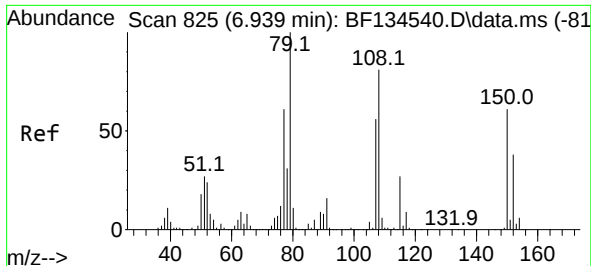
Ion Ratio Lower Upper

146 100

148 62.5 51.2 76.8

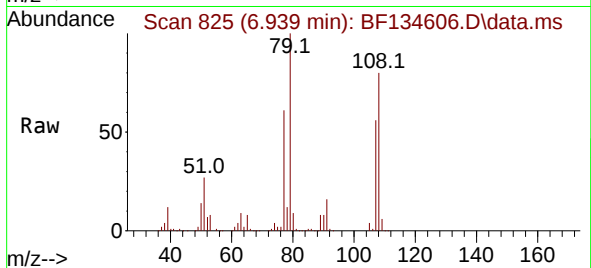
111 44.7 39.9 59.9





#15
Benzyl Alcohol
Concen: 46.636 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

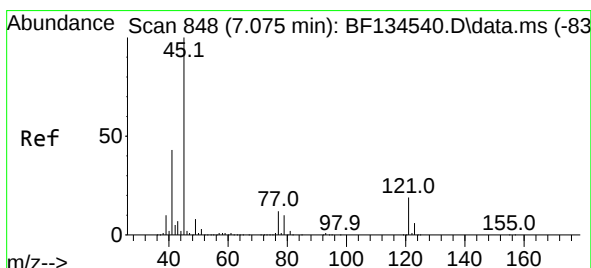
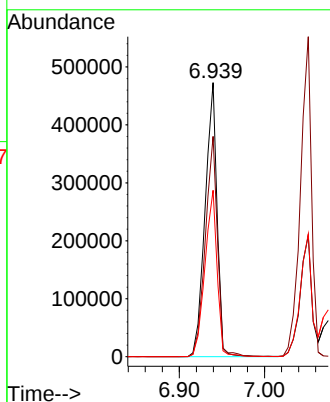
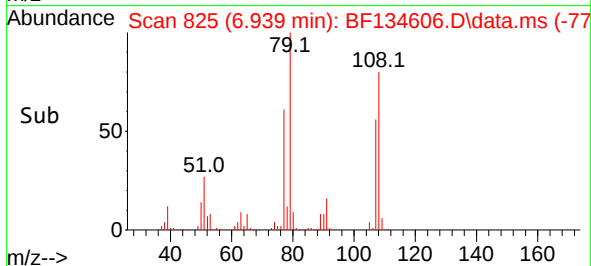
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion: 79 Resp: 461900
Ion Ratio Lower Upper
79 100
108 80.4 56.3 84.5
77 60.7 50.6 76.0

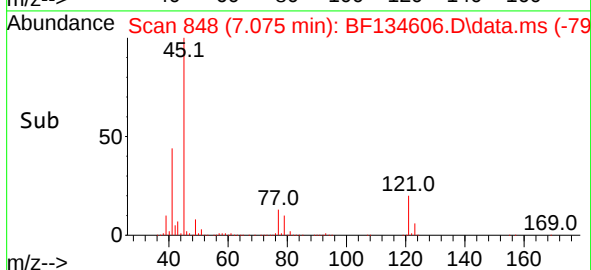
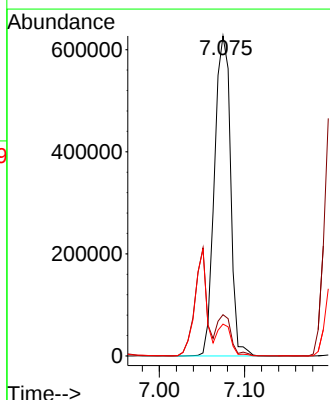
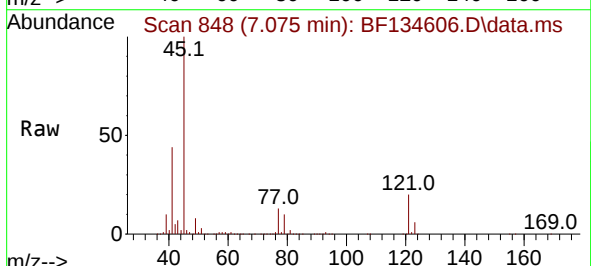
Manual Integrations
APPROVED

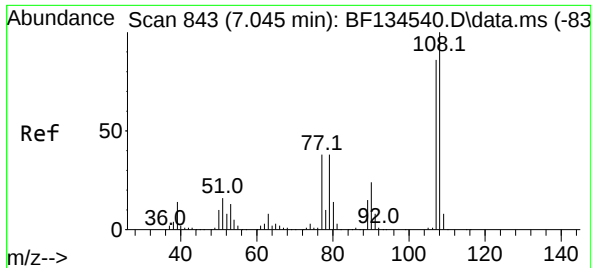
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.290 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

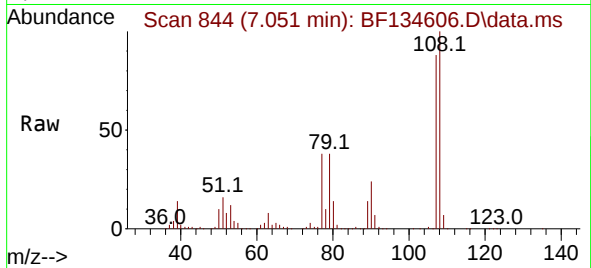
Tgt Ion: 45 Resp: 815079
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 9.9 0.0 34.5





#17
2-Methylphenol
Concen: 43.090 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

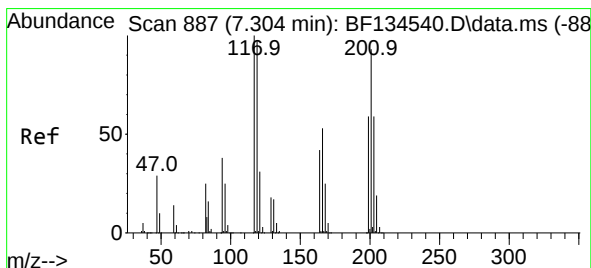
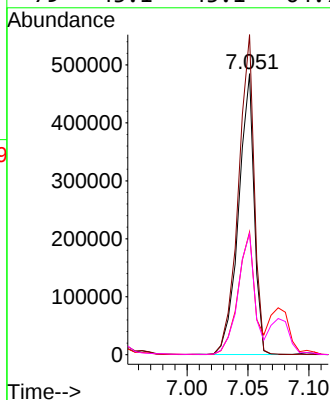
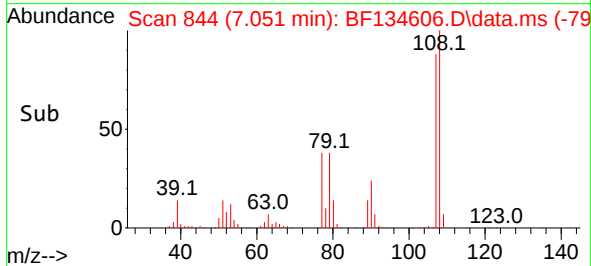
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:107 Resp: 43140
Ion Ratio Lower Upper
107 100
108 113.9 89.4 134.2
77 43.7 42.4 63.6
79 43.1 43.1 64.7

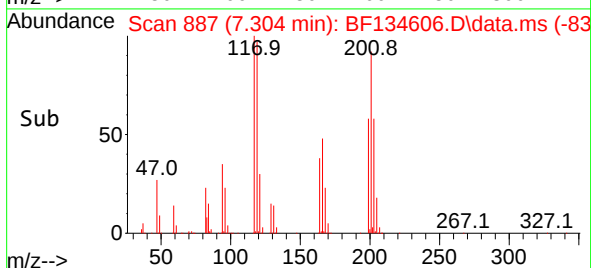
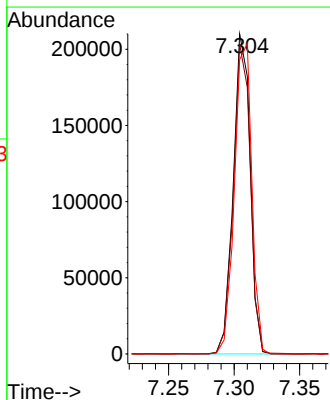
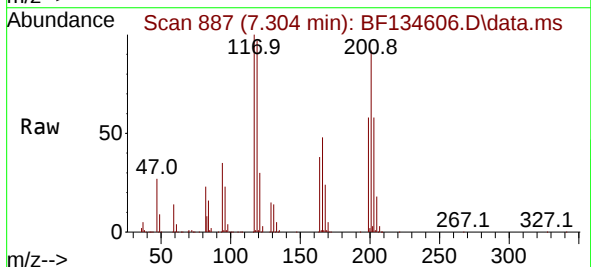
Manual Integrations
APPROVED

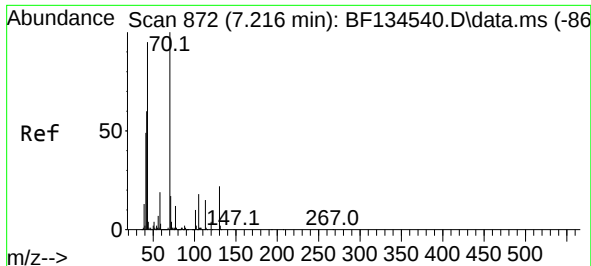
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#18
Hexachloroethane
Concen: 45.965 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

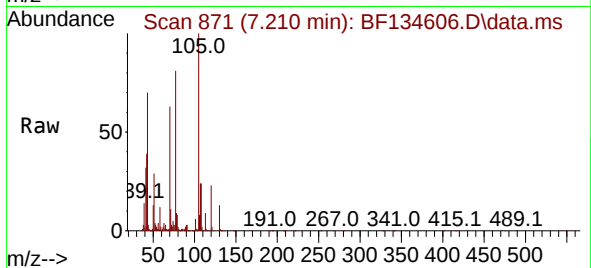
Tgt Ion:117 Resp: 189523
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 92.0 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.607 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

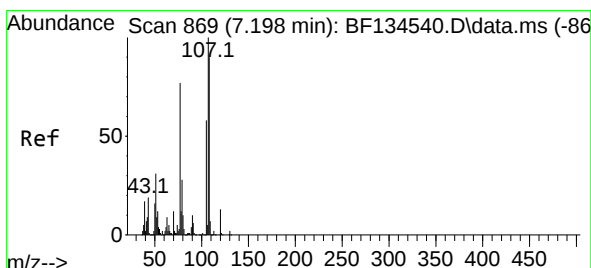
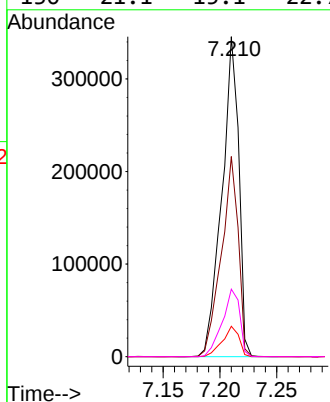
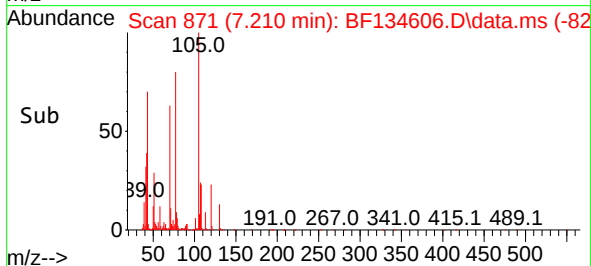
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:	70	Resp:	35765
Ion Ratio	Lower	Upper	
70	100		
42	62.6	54.7	82.1
101	9.5	8.2	12.2
130	21.1	15.1	22.7

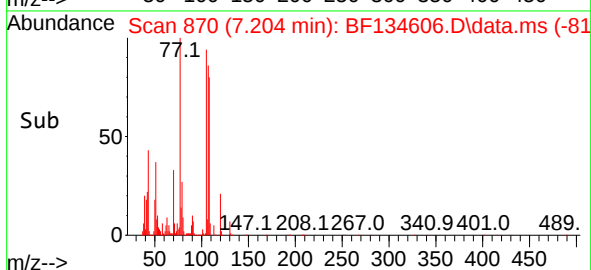
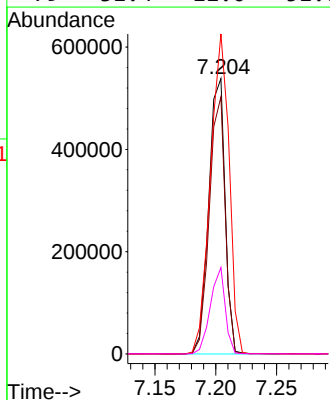
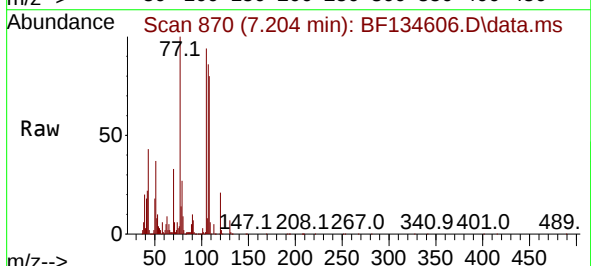
Manual Integrations
APPROVED

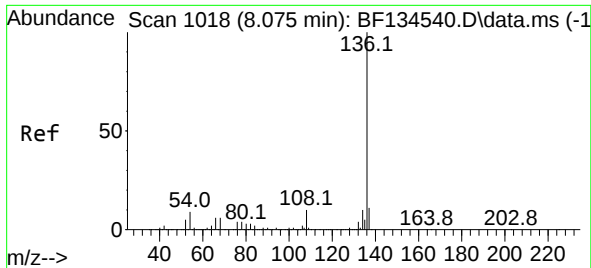
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#20
3+4-Methylphenols
Concen: 41.632 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

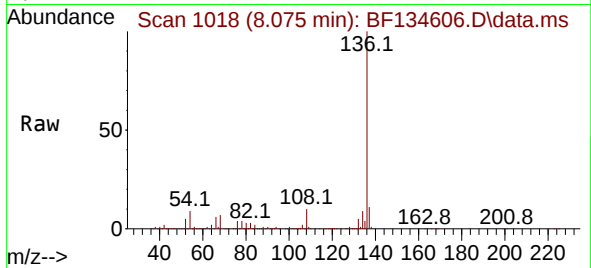
Tgt Ion:	107	Resp:	502665
Ion Ratio	Lower	Upper	
107	100		
108	93.3	68.1	108.1
77	116.2	122.1	162.1#
79	31.4	11.0	51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

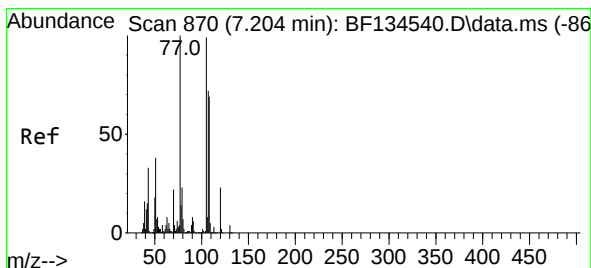
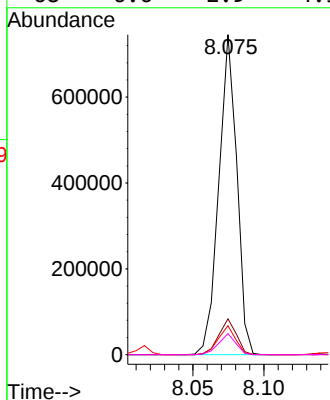
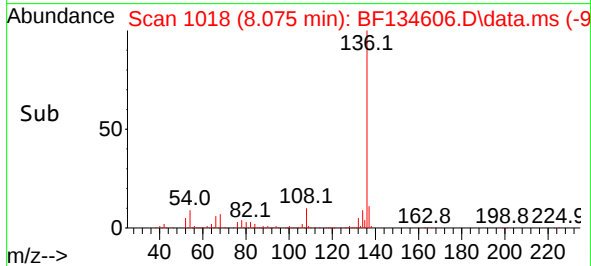
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:136 Resp: 65640
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 5.2 7.8
68 6.6 2.9 4.3#

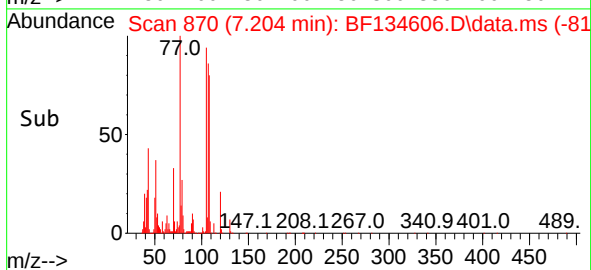
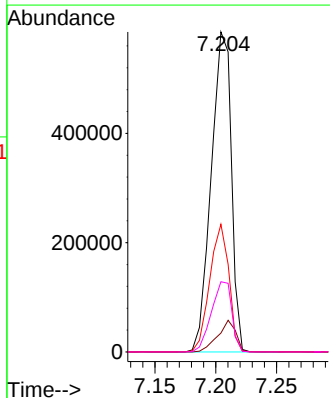
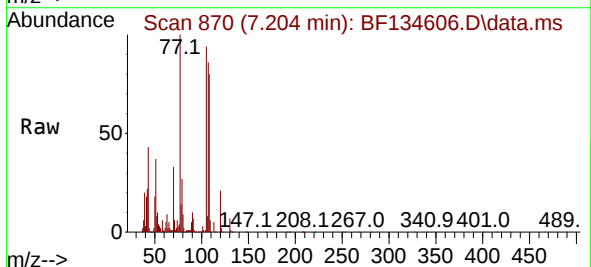
Manual Integrations
APPROVED

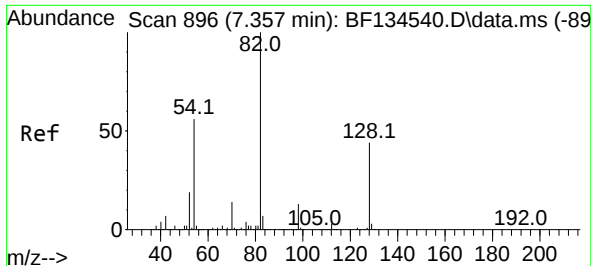
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#22
Acetophenone
Concen: 44.447 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion:105 Resp: 673528
Ion Ratio Lower Upper
105 100
71 5.9 7.4 11.0#
51 39.9 36.4 54.6
120 22.0 16.6 25.0





#23

Nitrobenzene-d5

Concen: 53.738 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD

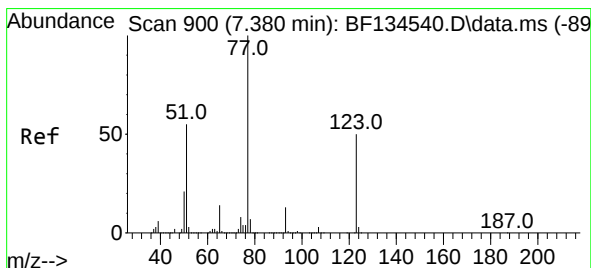
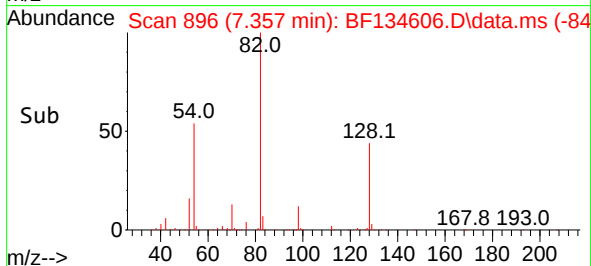
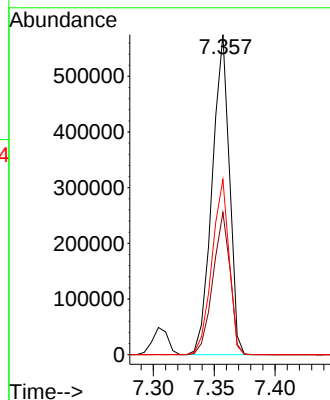
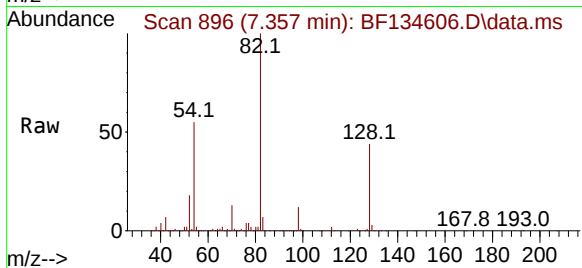
Tgt Ion:	82	Resp:	56444
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.3	51.5
54	54.7	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#24

Nitrobenzene

Concen: 49.087 ng

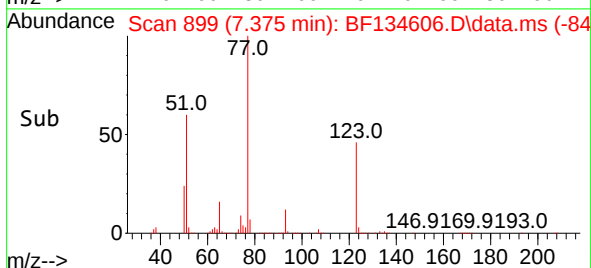
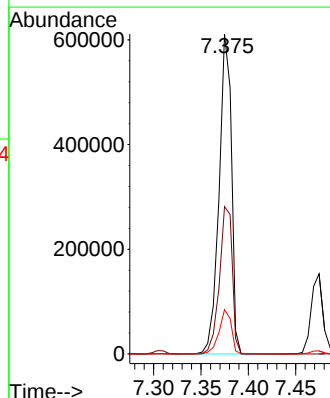
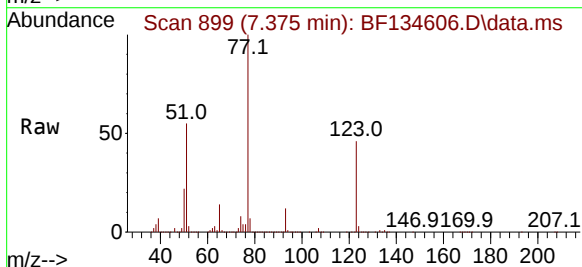
RT: 7.375 min Scan# 899

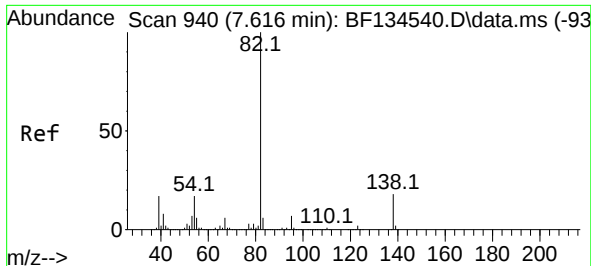
Delta R.T. -0.006 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

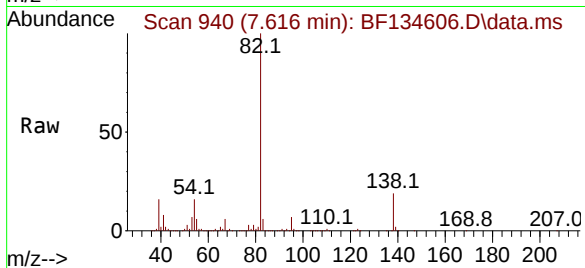
Tgt Ion:	77	Resp:	557019
Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.5	53.3
65	13.8	11.9	17.9





#25
Isophorone
Concen: 43.753 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

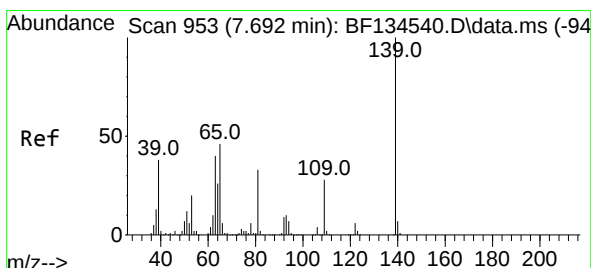
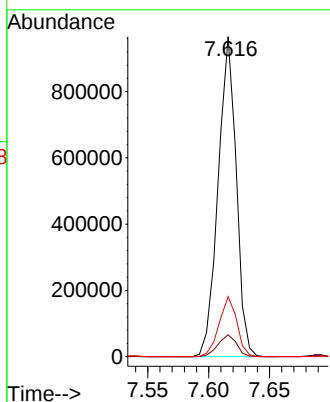
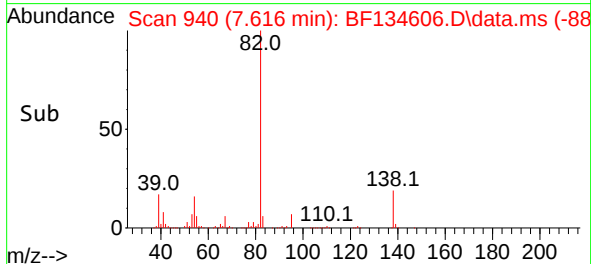
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion: 82 Resp: 100236
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 18.8 14.6 22.0

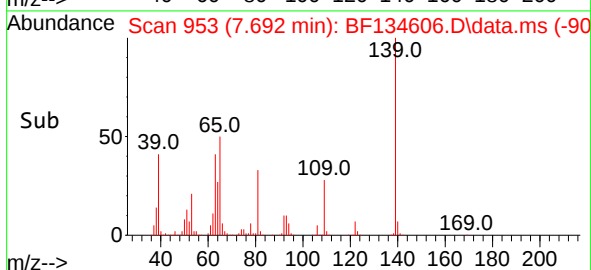
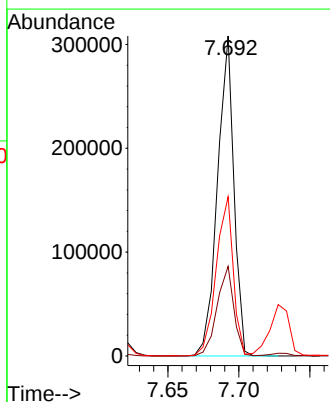
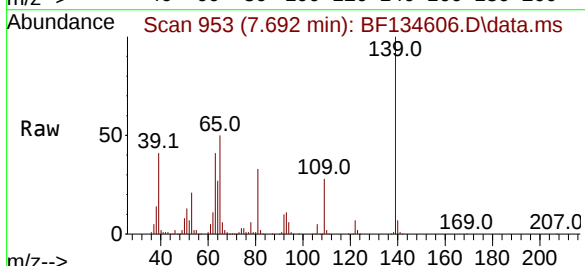
Manual Integrations
APPROVED

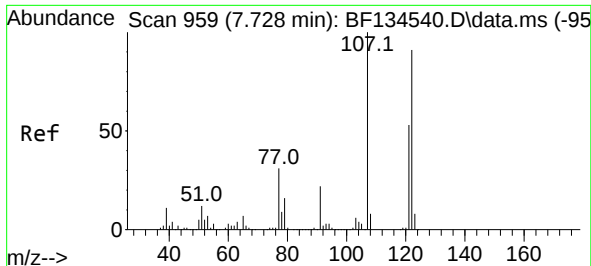
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#26
2-Nitrophenol
Concen: 50.882 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion:139 Resp: 247238
Ion Ratio Lower Upper
139 100
109 28.0 29.8 44.6#
65 49.7 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 45.944 ng

RT: 7.734 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF134606.D

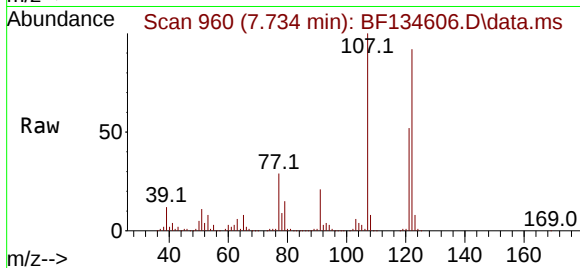
Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD



Tgt Ion:122 Resp: 469640

Ion Ratio Lower Upper

122 100

107 108.7 106.7 160.1

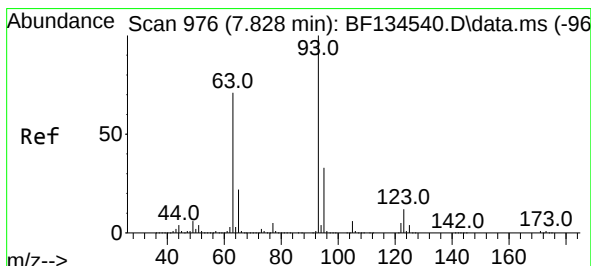
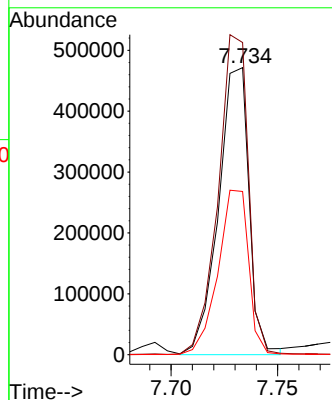
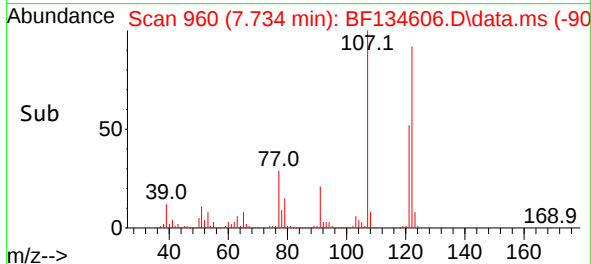
121 56.8 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.407 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

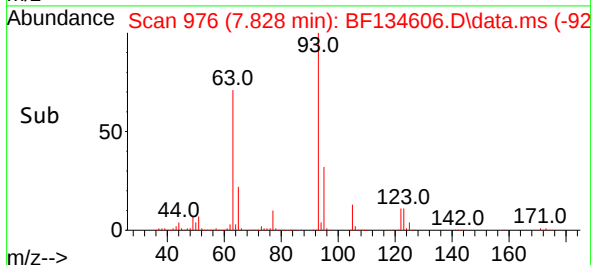
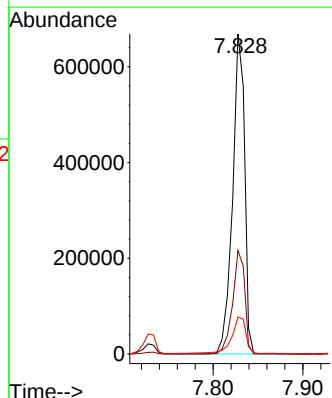
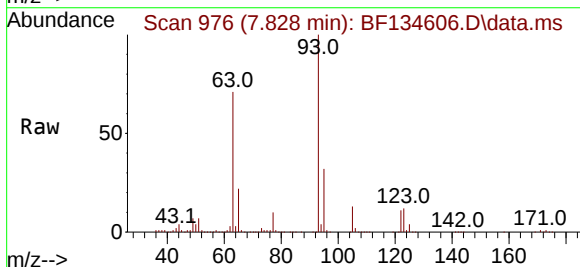
Tgt Ion: 93 Resp: 622273

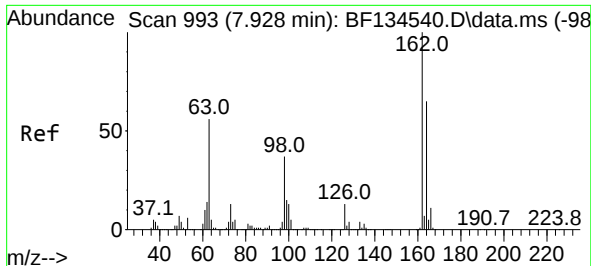
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.843 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134606.D

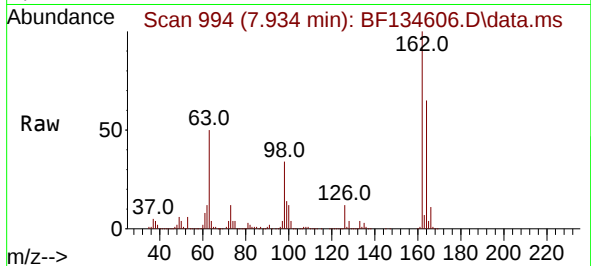
Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD



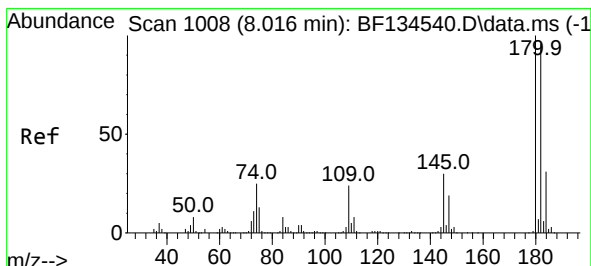
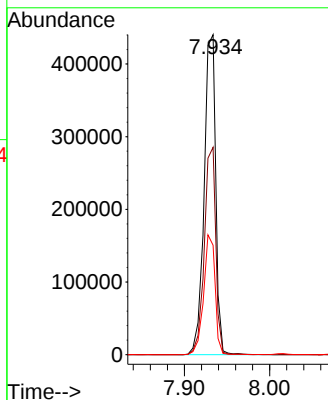
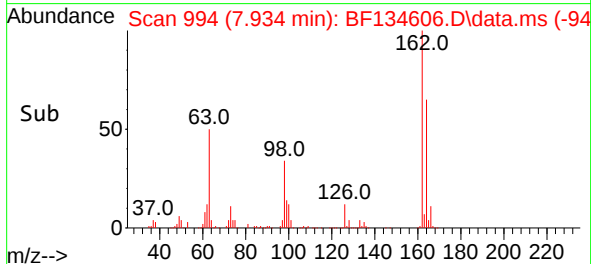
Tgt Ion:	162	Resp:	416035
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	34.2	15.5	55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.368 ng

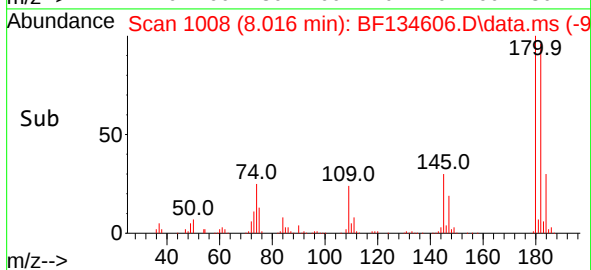
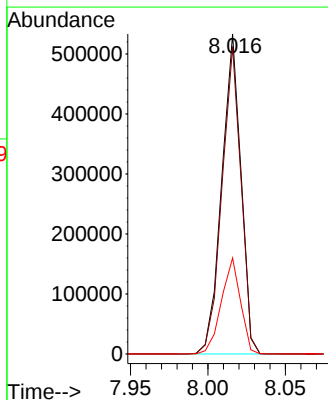
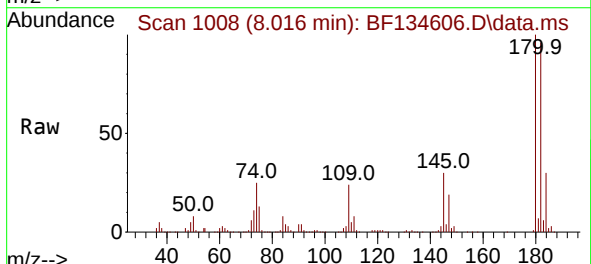
RT: 8.016 min Scan# 1008

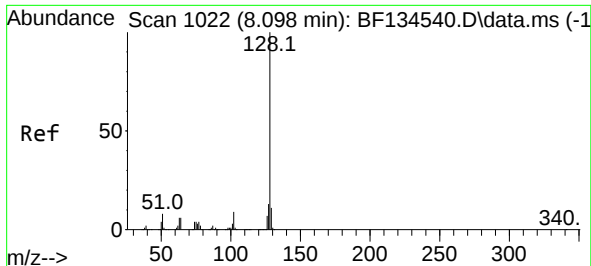
Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

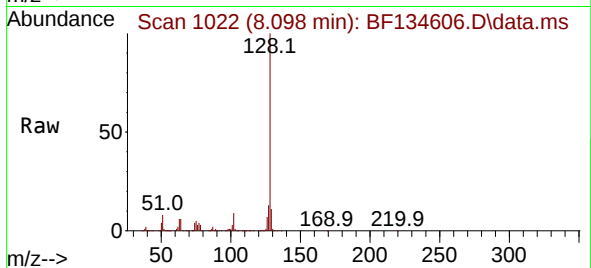
Tgt Ion:	180	Resp:	458739
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.0	112.6
145	30.0	25.5	38.3





#31
Naphthalene
Concen: 43.444 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

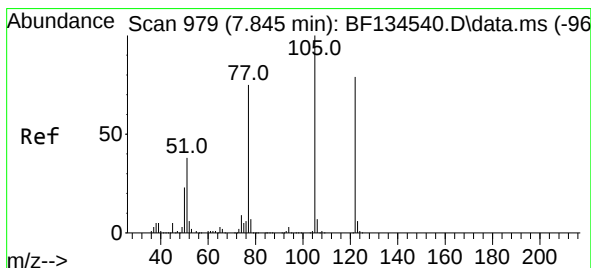
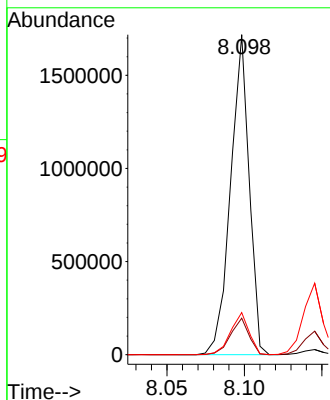
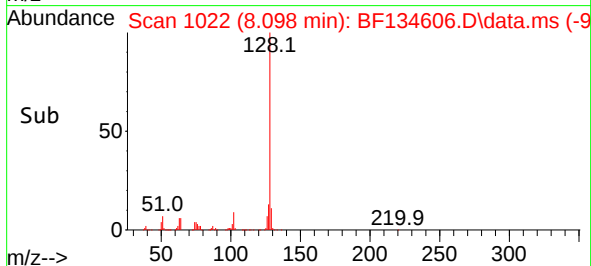
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:128 Resp: 143320
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.2 10.7 16.1

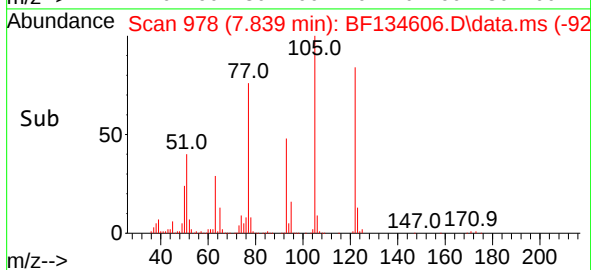
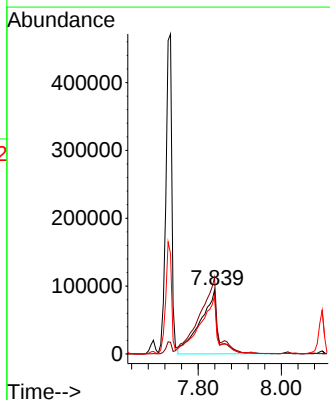
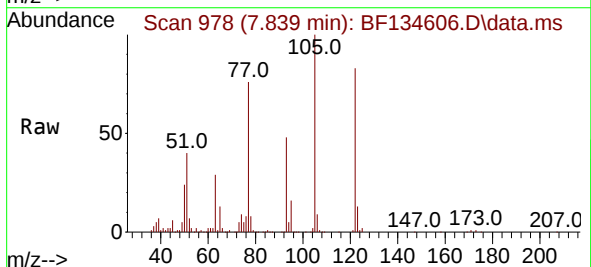
Manual Integrations
APPROVED

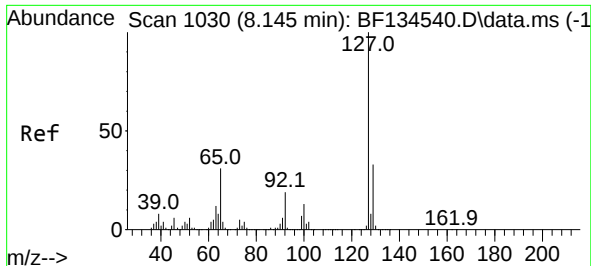
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#32
Benzoic acid
Concen: 43.094 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

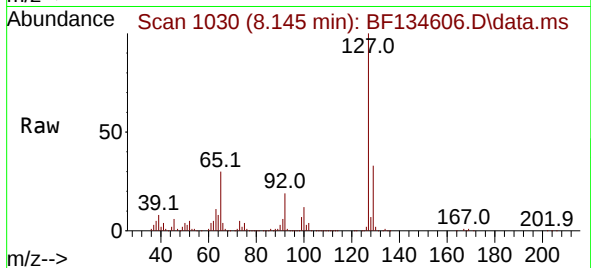
Tgt Ion:122 Resp: 280938
Ion Ratio Lower Upper
122 100
105 119.8 87.5 127.5
77 90.9 71.4 111.4





#33
4-Chloroaniline
Concen: 22.662 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

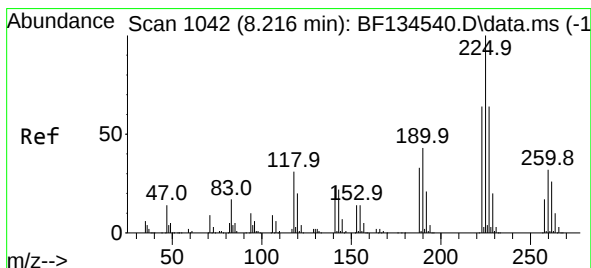
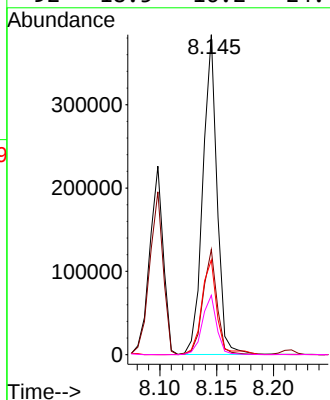
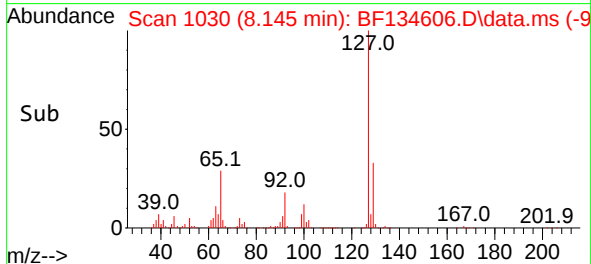
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:127 Resp: 333115
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 29.6 25.4 38.0
92 18.5 16.2 24.4

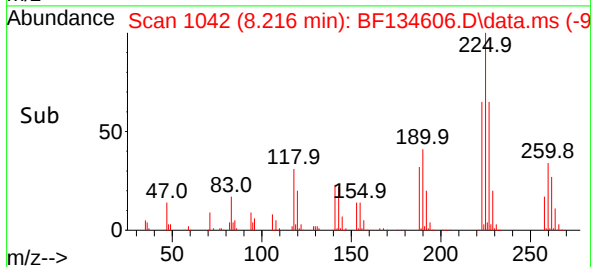
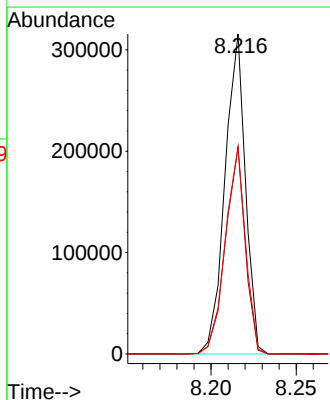
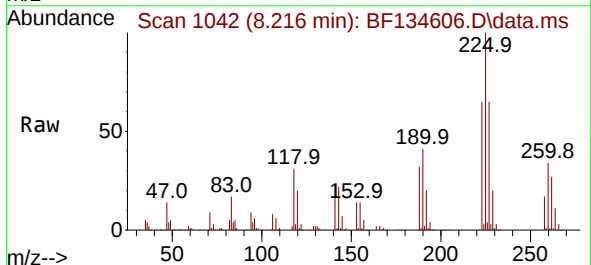
Manual Integrations
APPROVED

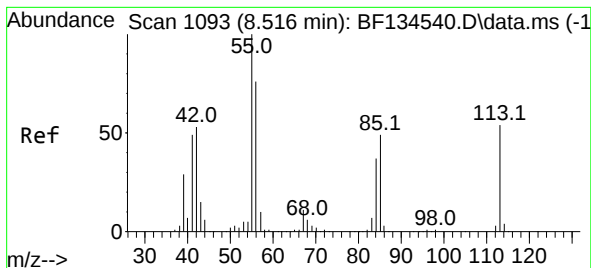
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#34
Hexachlorobutadiene
Concen: 46.237 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion:225 Resp: 263858
Ion Ratio Lower Upper
225 100
223 64.5 48.2 72.4
227 64.7 48.5 72.7





#35

Caprolactam

Concen: 44.163 ng

RT: 8.516 min Scan# 1093

Delta R.T. 0.000 min

Lab File: BF134606.D

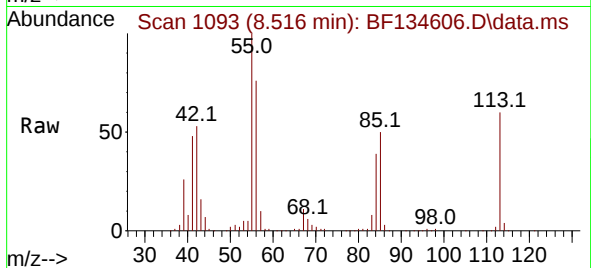
Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD



Tgt Ion:113 Resp: 132189

Ion Ratio Lower Upper

113 100

55 165.7 161.5 201.5

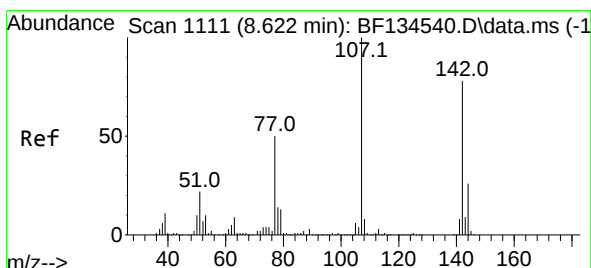
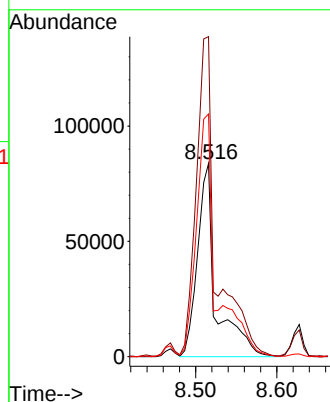
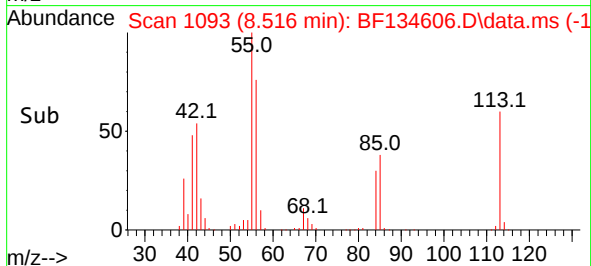
56 125.7 117.8 157.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#36

4-Chloro-3-methylphenol

Concen: 41.868 ng

RT: 8.628 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

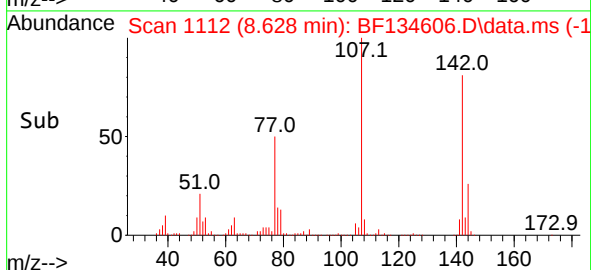
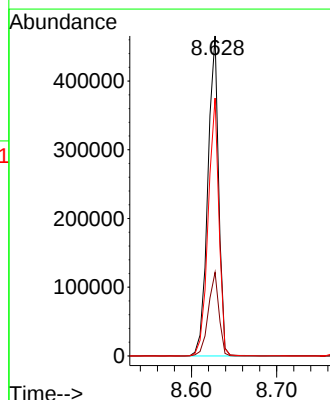
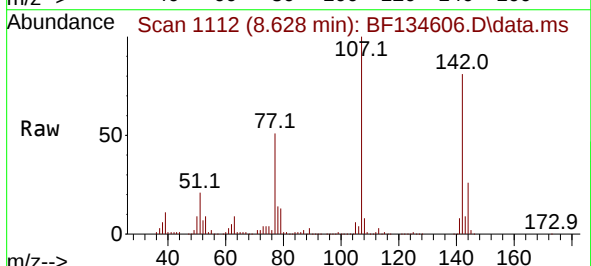
Tgt Ion:107 Resp: 411365

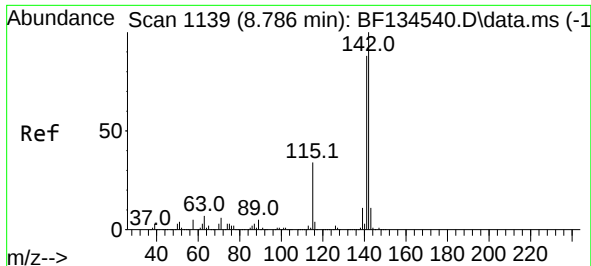
Ion Ratio Lower Upper

107 100

144 26.1 19.6 29.4

142 80.6 57.7 86.5





#37

2-Methylnaphthalene

Concen: 40.631 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD

Tgt Ion:142 Resp: 888470

Ion Ratio Lower Upper

142 100

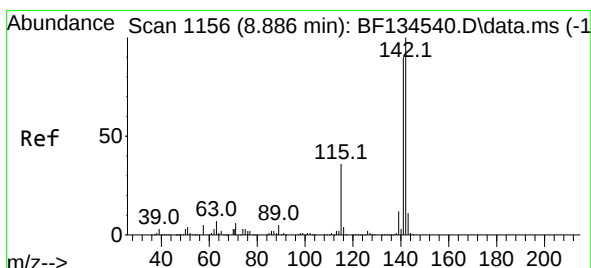
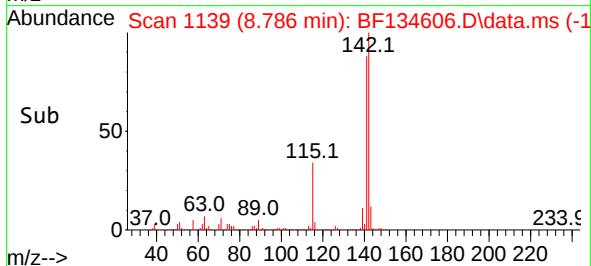
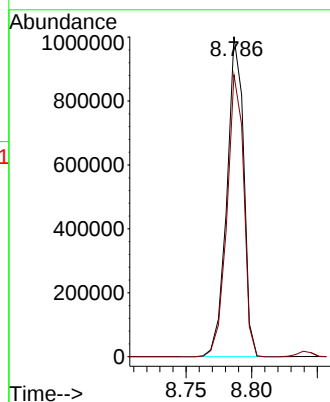
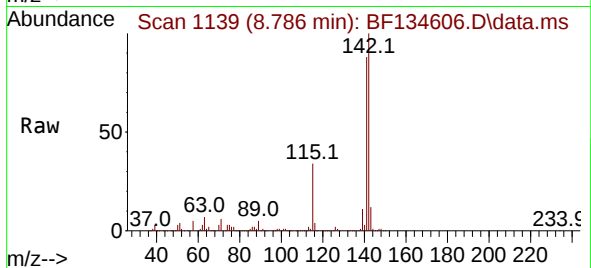
141 88.1 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#38

1-Methylnaphthalene

Concen: 40.603 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF134606.D

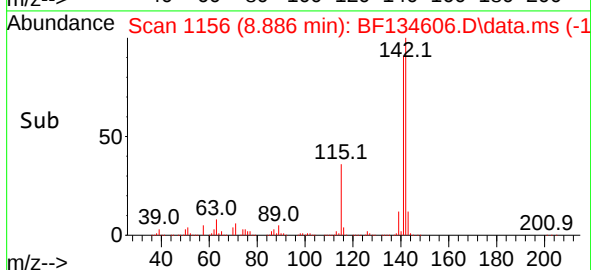
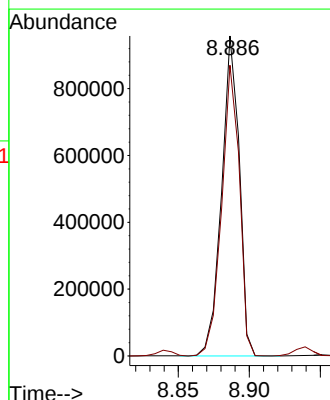
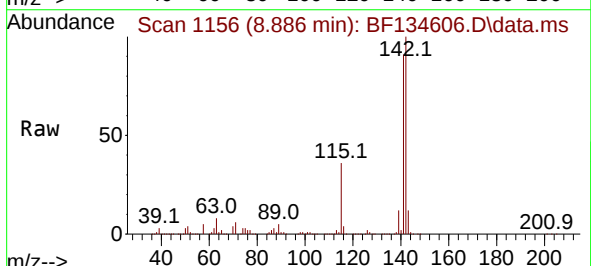
Acq: 03 Aug 2023 12:31

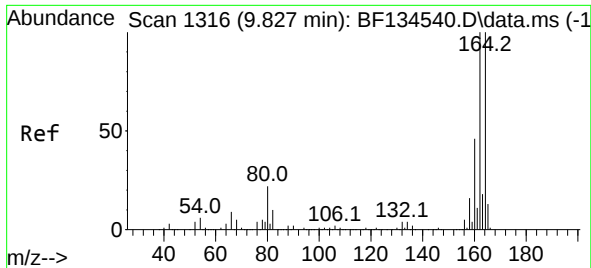
Tgt Ion:142 Resp: 825604

Ion Ratio Lower Upper

142 100

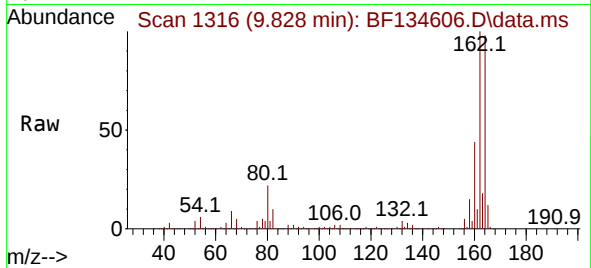
141 90.9 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

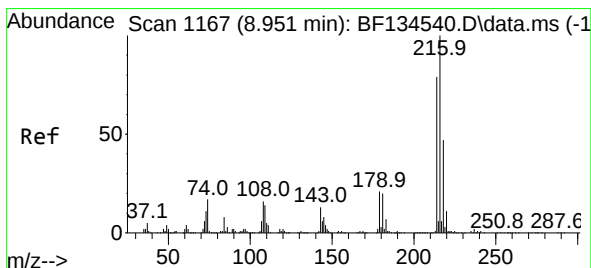
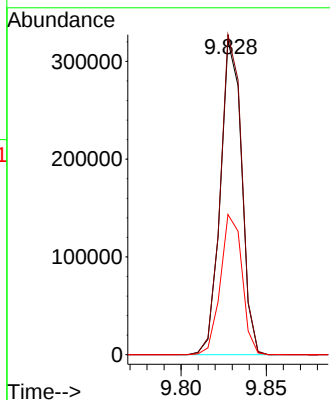
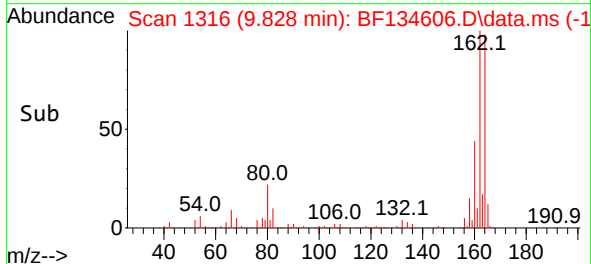
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



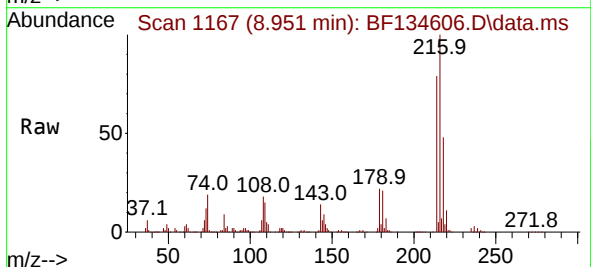
Tgt Ion:164 Resp: 278878
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 44.6 37.2 55.8

Manual Integrations
APPROVED

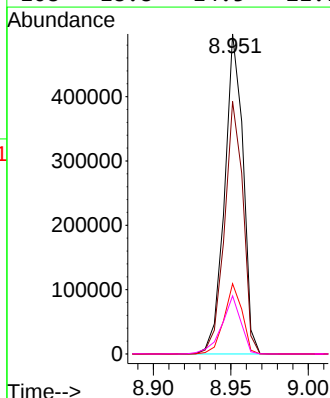
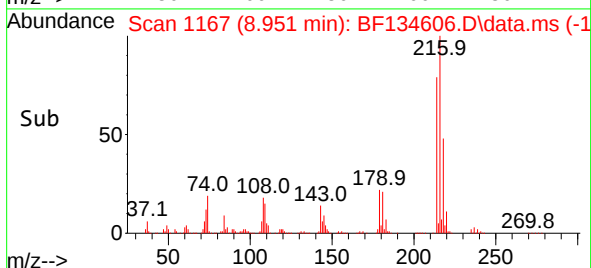
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

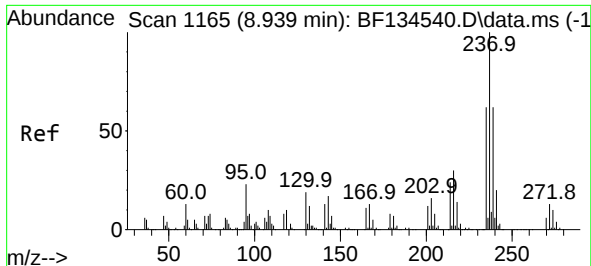


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.836 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



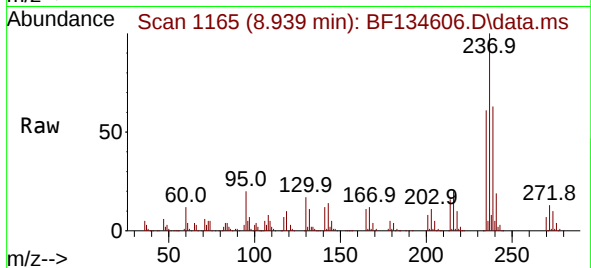
Tgt Ion:216 Resp: 412259
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 21.4 17.4 26.0
108 18.8 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 50.813 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

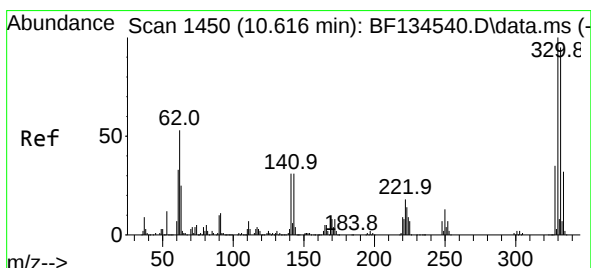
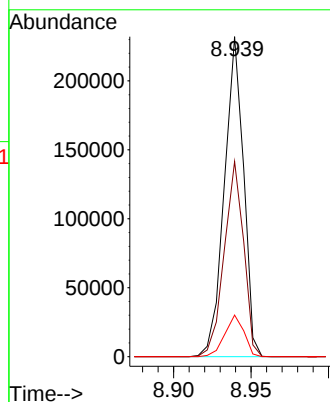
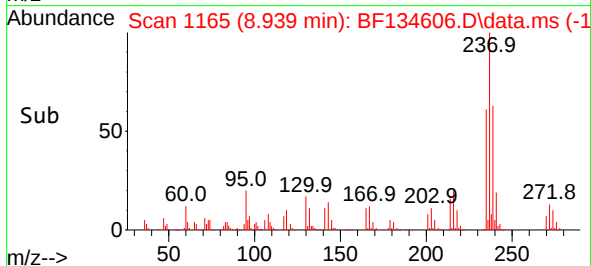
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



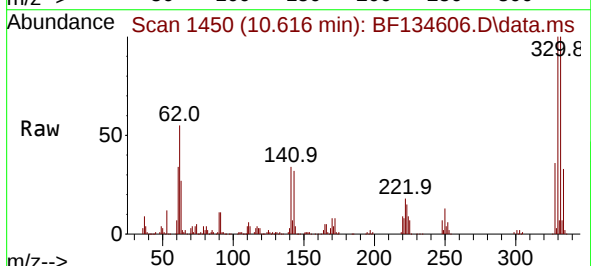
Tgt Ion:237 Resp: 200385
Ion Ratio Lower Upper
237 100
235 61.0 37.0 77.0
272 13.0 0.0 32.7

Manual Integrations
APPROVED

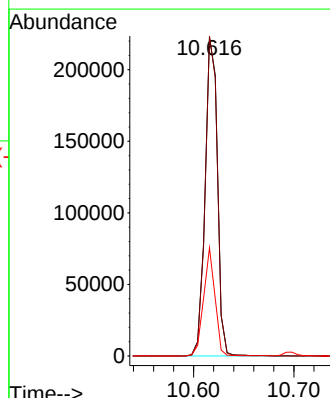
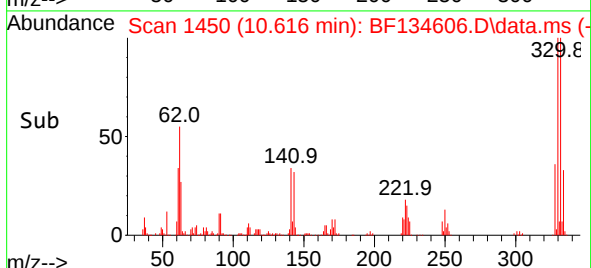
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

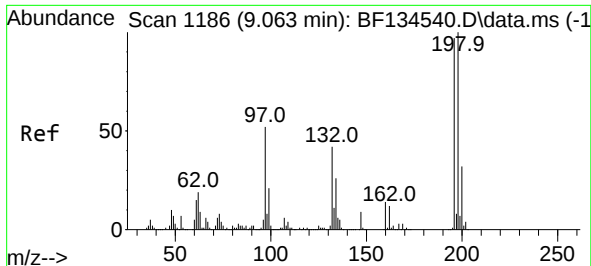


#42
2,4,6-Tribromophenol
Concen: 67.268 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



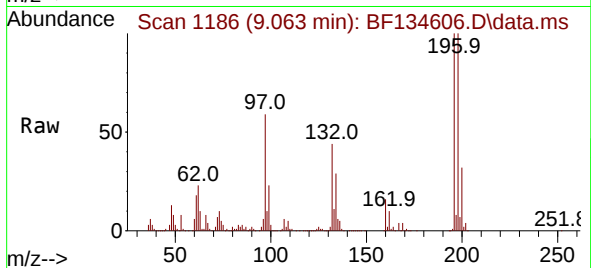
Tgt Ion:330 Resp: 191236
Ion Ratio Lower Upper
330 100
332 99.2 78.8 118.2
141 31.3 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 50.065 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

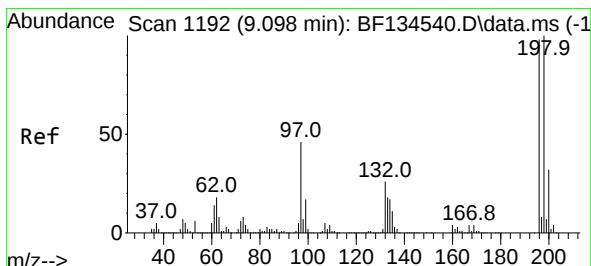
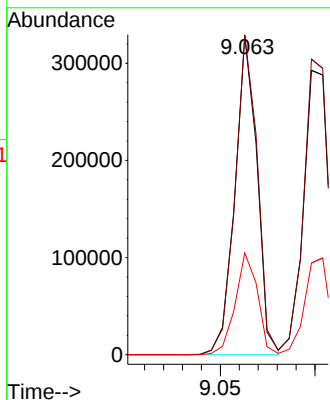
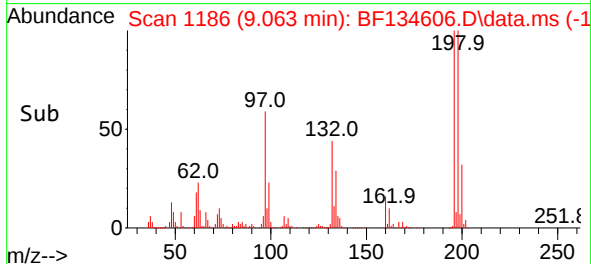
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



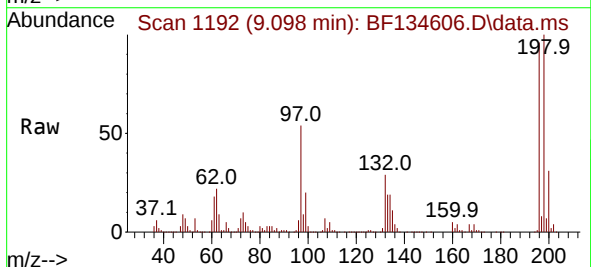
Tgt Ion:196 Resp: 265715
Ion Ratio Lower Upper
196 100
198 100.4 77.4 116.2
200 31.9 25.4 38.2

Manual Integrations
APPROVED

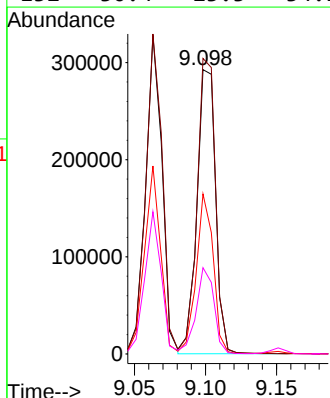
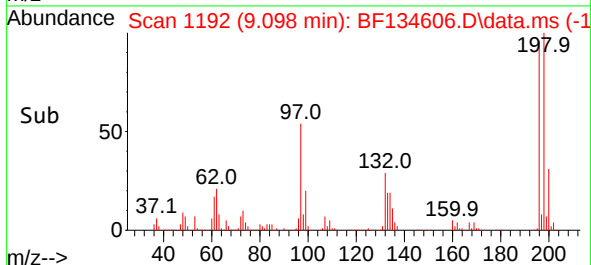
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

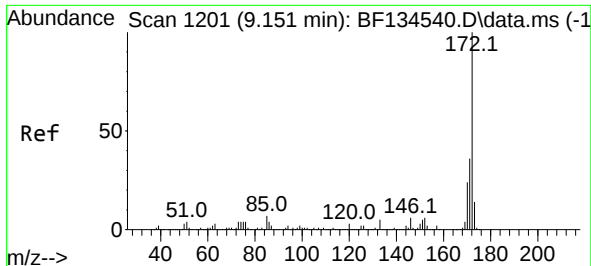


#44
2,4,5-Trichlorophenol
Concen: 44.286 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



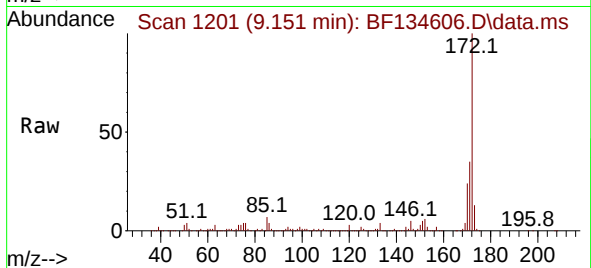
Tgt Ion:196 Resp: 268630
Ion Ratio Lower Upper
196 100
198 103.9 73.0 109.4
97 56.3 40.8 61.2
132 30.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 58.015 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

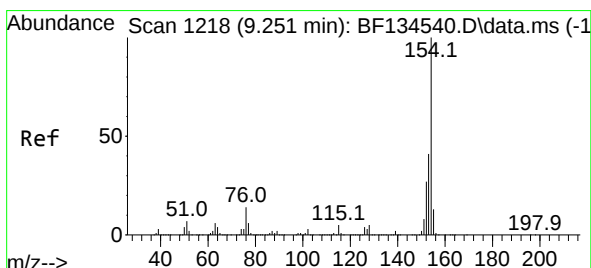
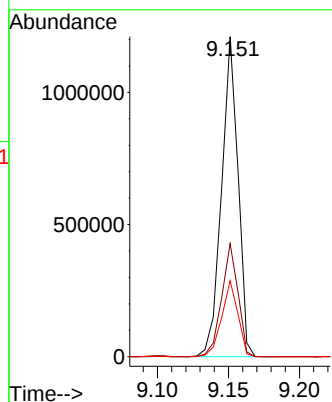
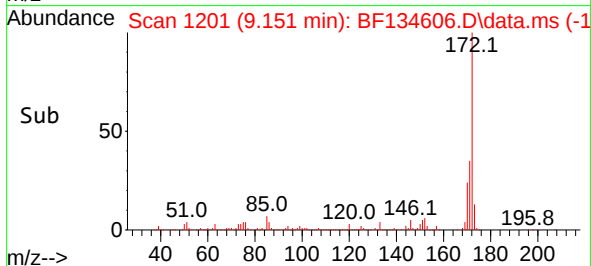
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



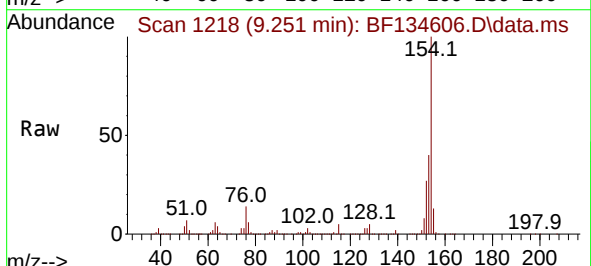
Tgt Ion:172 Resp: 97306
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.8 18.7 28.1

Manual Integrations
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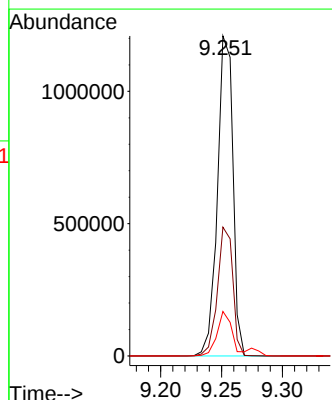
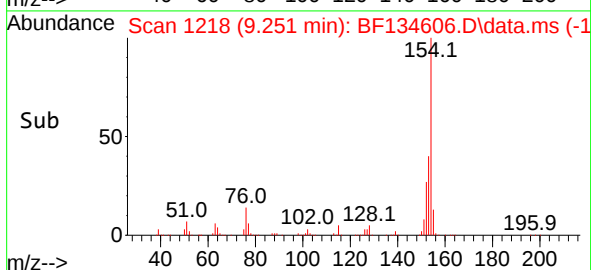
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

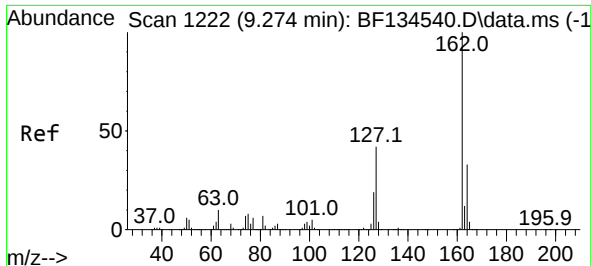


#46
1,1'-Biphenyl
Concen: 49.300 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



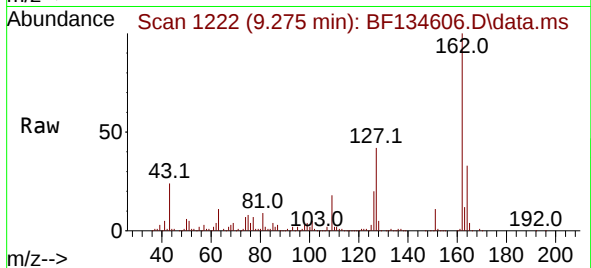
Tgt Ion:154 Resp: 1069144
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 13.9 0.0 30.2





#47
2-Chloronaphthalene
Concen: 46.863 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

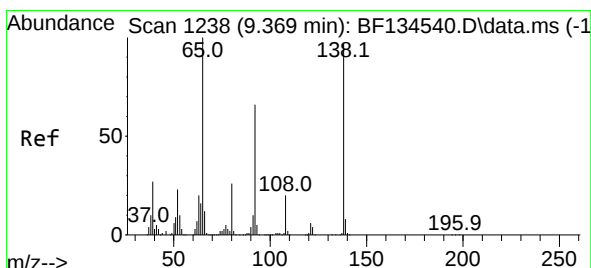
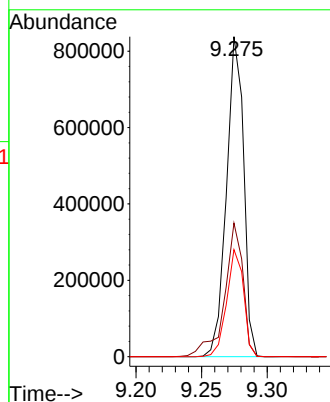
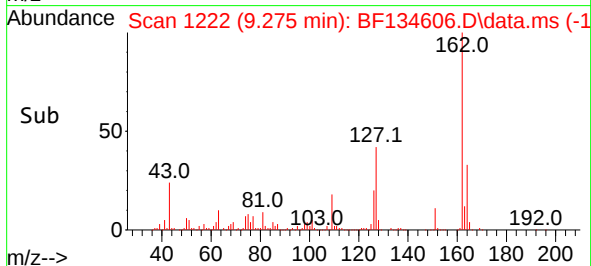
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



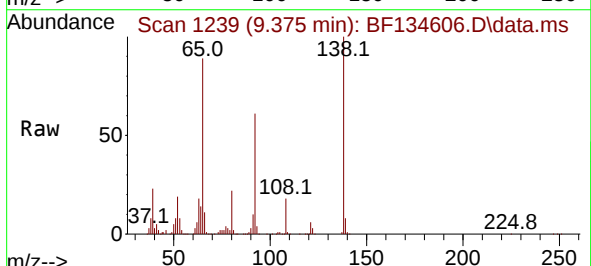
Tgt Ion:162 Resp: 761498
Ion Ratio Lower Upper
162 100
127 41.8 34.0 51.0
164 33.5 25.7 38.5

Manual Integrations
APPROVED

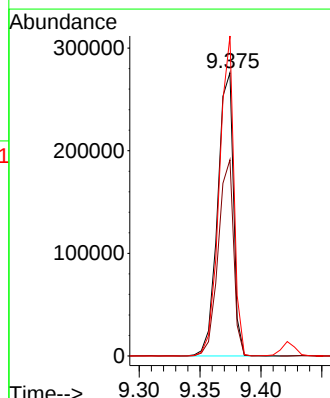
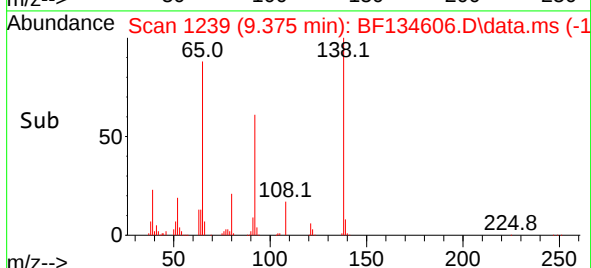
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

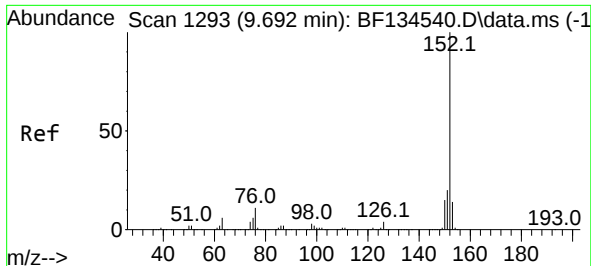


#48
2-Nitroaniline
Concen: 49.206 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



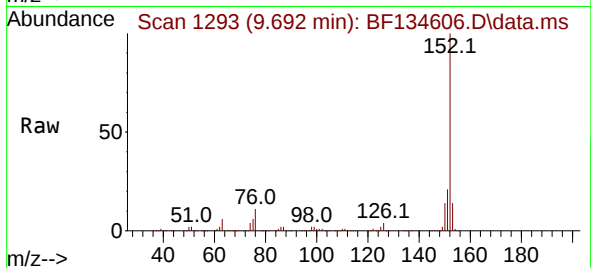
Tgt Ion: 65 Resp: 249710
Ion Ratio Lower Upper
65 100
92 69.3 50.7 76.1
138 113.0 78.2 117.4





#49
Acenaphthylene
Concen: 45.043 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

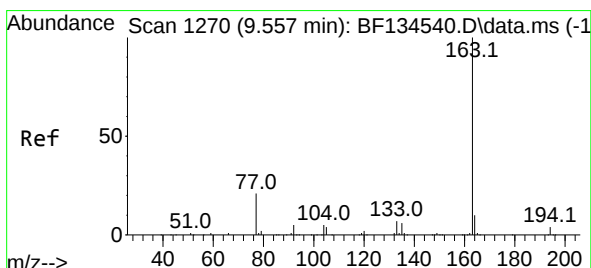
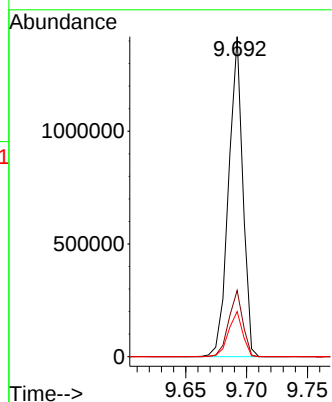
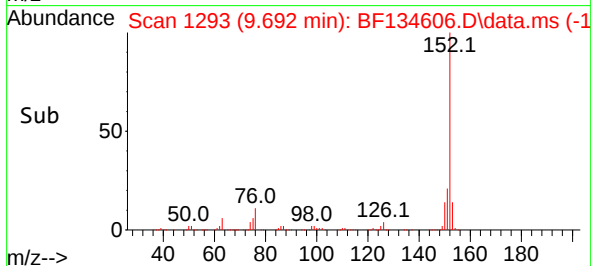
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:152 Resp: 115051
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.1 10.9 16.3

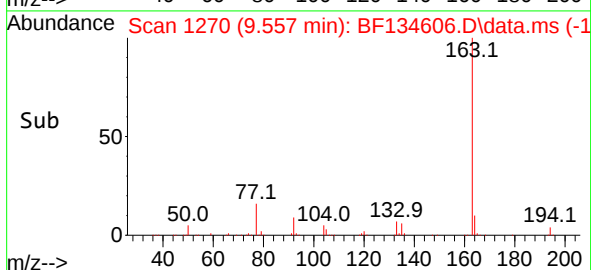
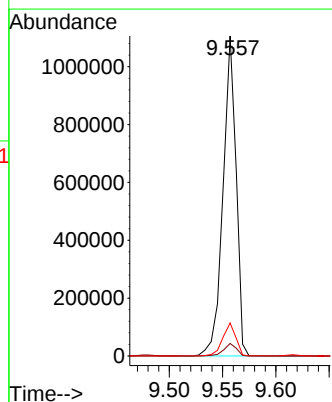
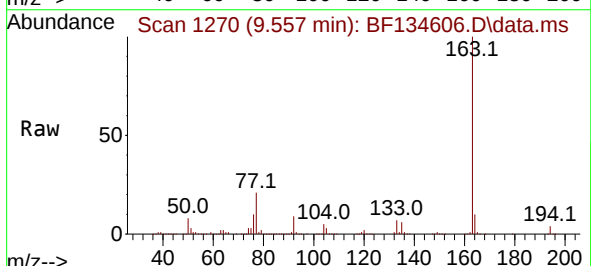
Manual Integrations
APPROVED

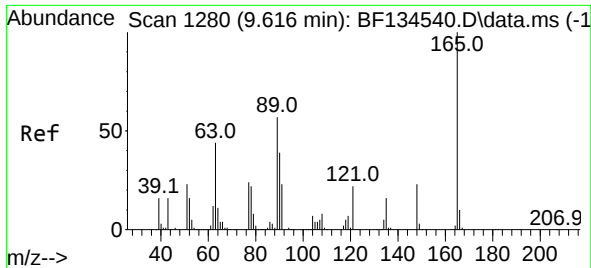
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#50
Dimethylphthalate
Concen: 49.428 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

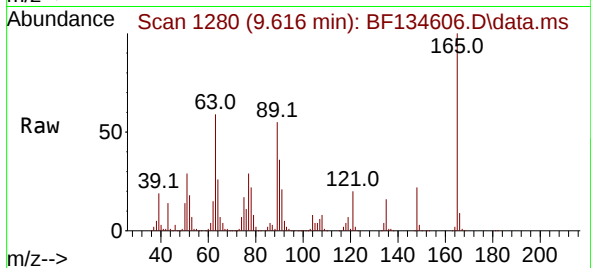
Tgt Ion:163 Resp: 939499
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 49.868 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

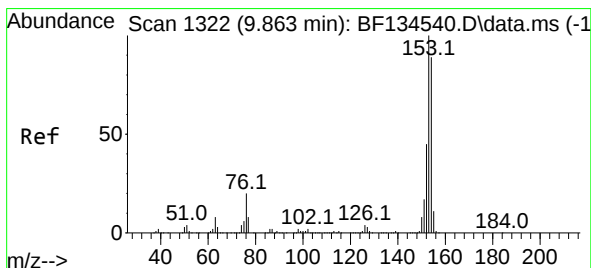
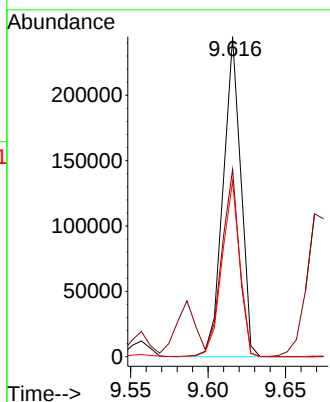
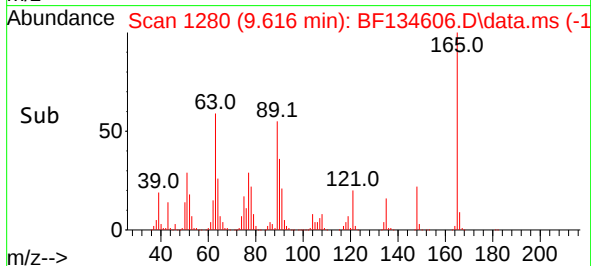
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:165 Resp: 194608
Ion Ratio Lower Upper
165 100
63 58.5 57.8 86.6
89 54.9 51.8 77.8

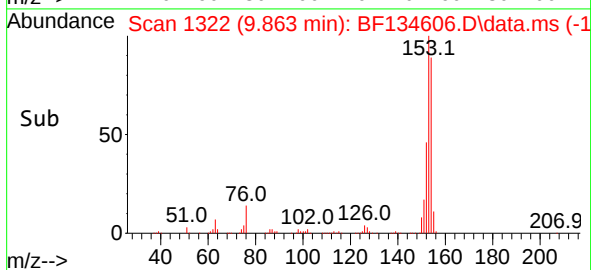
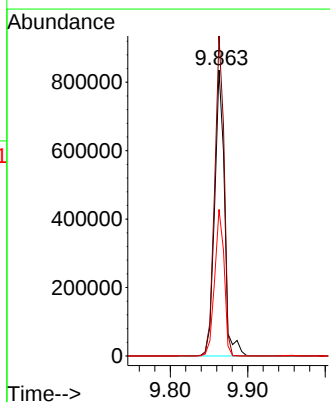
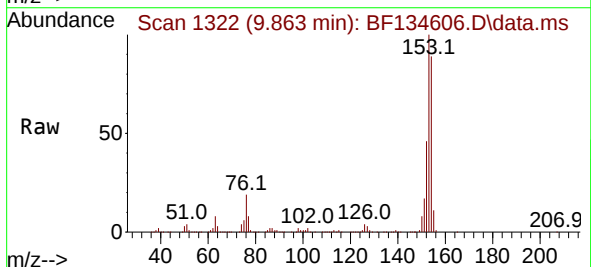
Manual Integrations
APPROVED

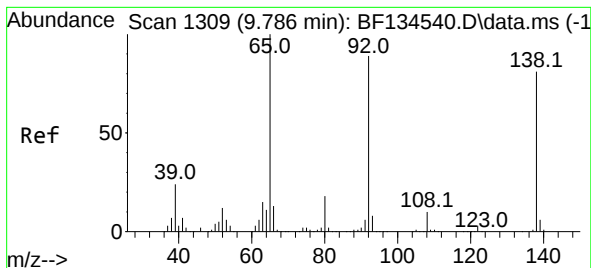
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#52
Acenaphthene
Concen: 44.978 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

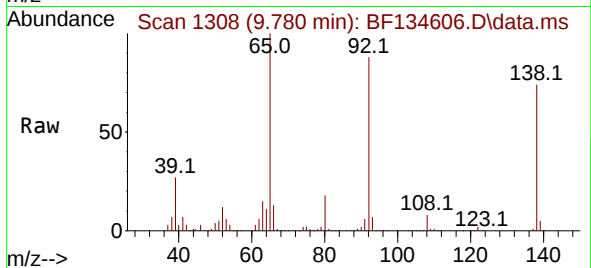
Tgt Ion:154 Resp: 744509
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 51.3 42.4 63.6





#53
3-Nitroaniline
Concen: 44.707 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

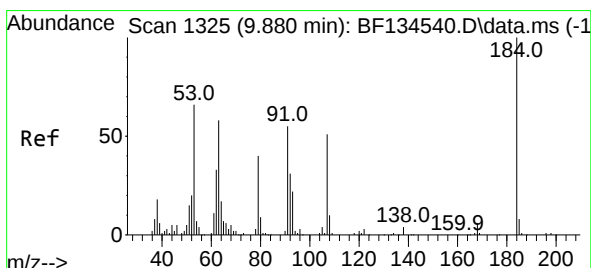
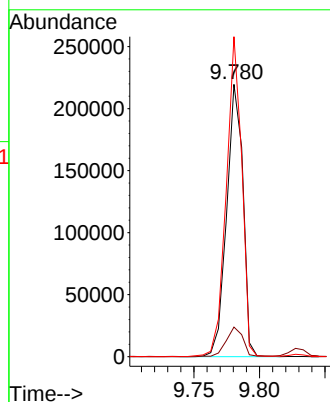
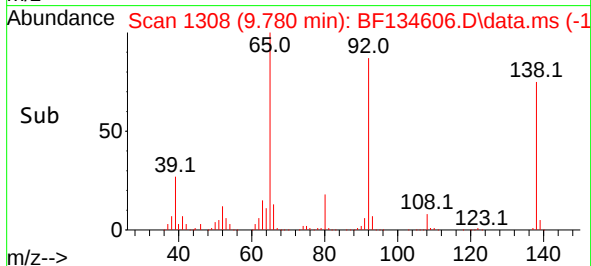
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:138 Resp: 18940
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 117.5 86.6 129.8

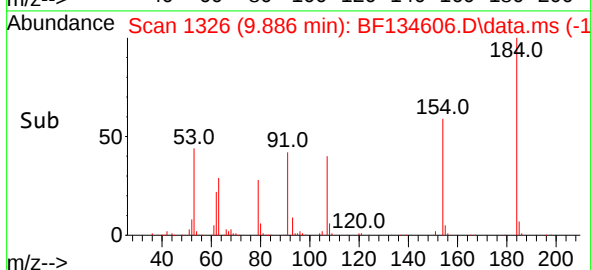
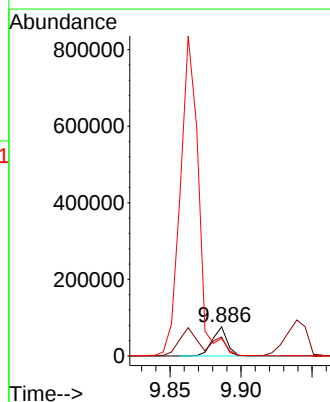
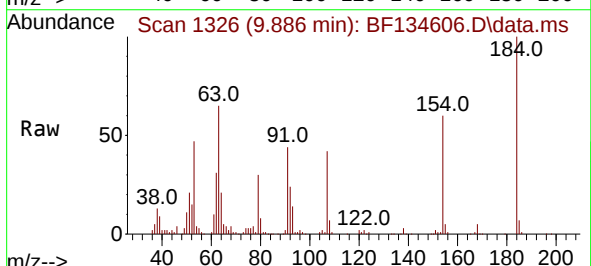
Manual Integrations
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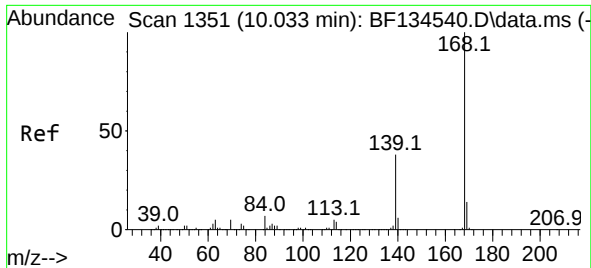
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#54
2,4-Dinitrophenol
Concen: 45.358 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

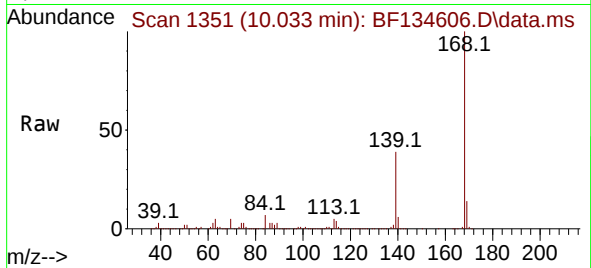
Tgt Ion:184 Resp: 55389
Ion Ratio Lower Upper
184 100
63 64.7 57.1 85.7
154 59.7 59.1 88.7





#55
Dibenzenofuran
Concen: 42.943 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

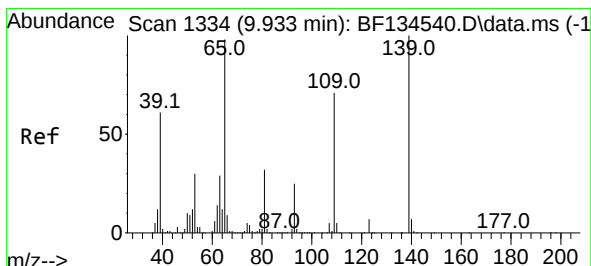
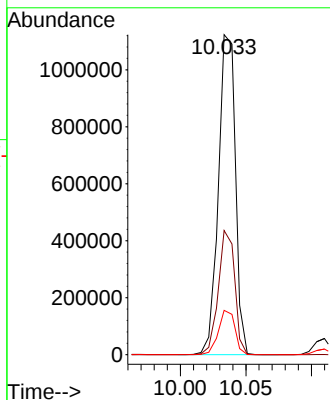
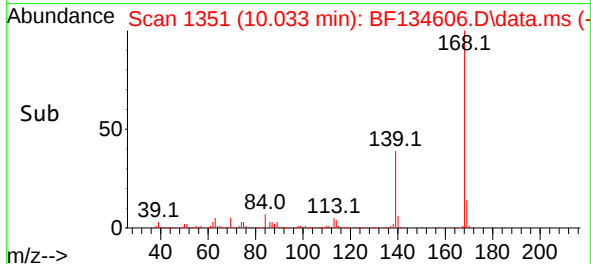
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:168 Resp: 1011914
Ion Ratio Lower Upper
168 100
139 38.8 33.4 50.2
169 13.9 10.6 15.8

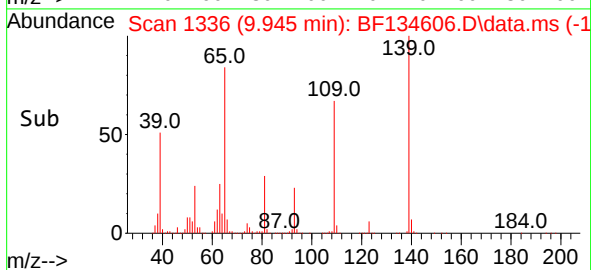
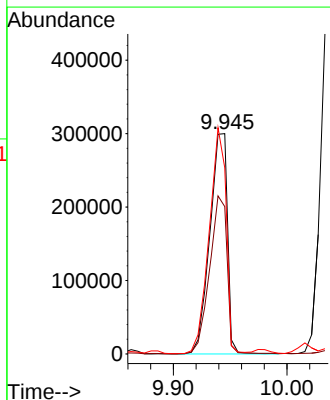
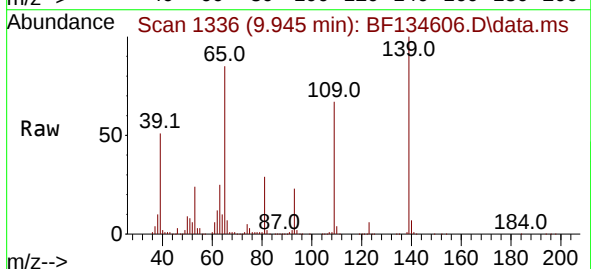
Manual Integrations
APPROVED

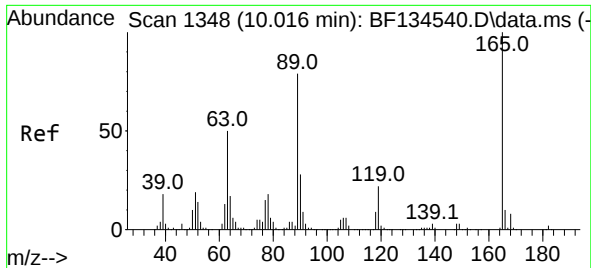
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#56
4-Nitrophenol
Concen: 93.501 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

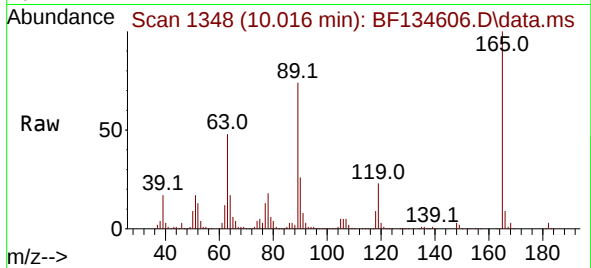
Tgt Ion:139 Resp: 323980
Ion Ratio Lower Upper
139 100
109 66.9 76.9 116.9#
65 84.5 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 48.854 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

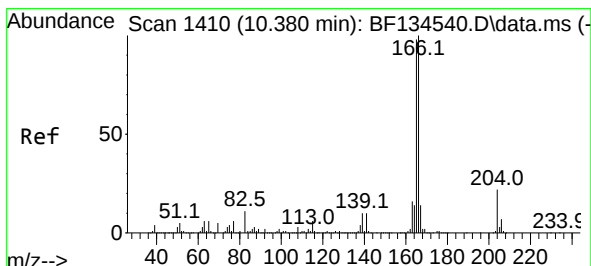
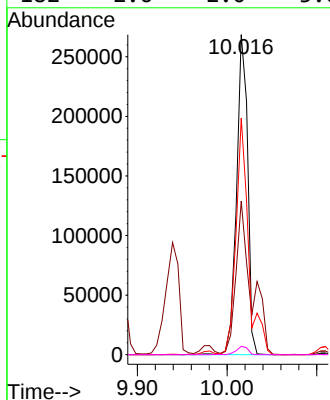
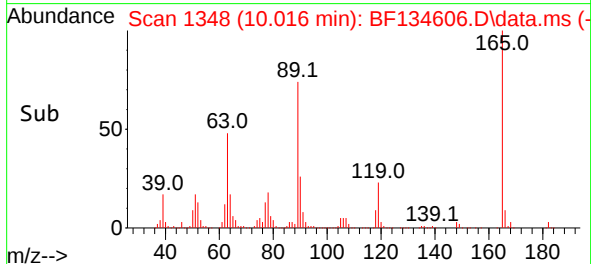
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



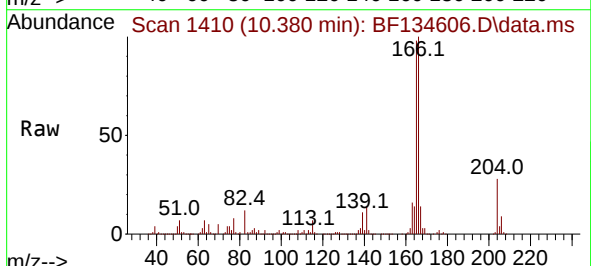
Tgt Ion:165 Resp: 230050
Ion Ratio Lower Upper
165 100
63 48.0 48.9 73.3
89 74.0 61.7 92.5
182 2.6 2.0 3.0

Manual Integrations
APPROVED

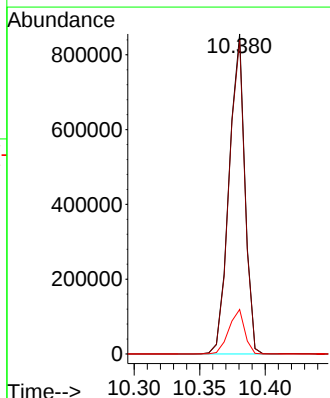
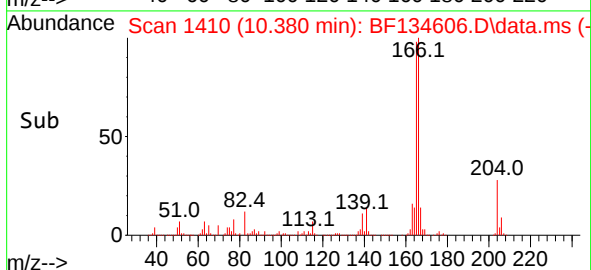
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

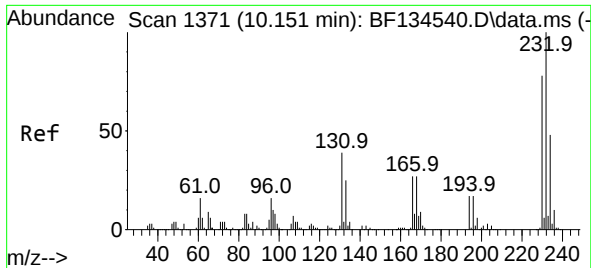


#58
Fluorene
Concen: 41.641 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



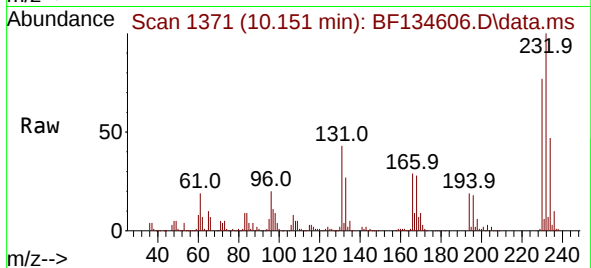
Tgt Ion:166 Resp: 714714
Ion Ratio Lower Upper
166 100
165 98.0 74.5 111.7
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.812 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

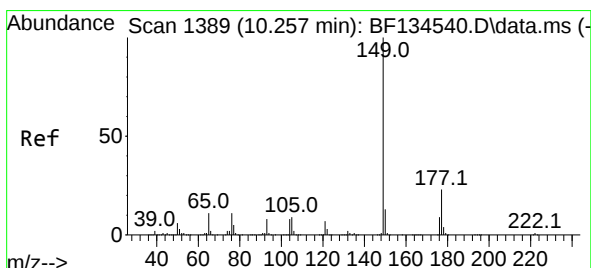
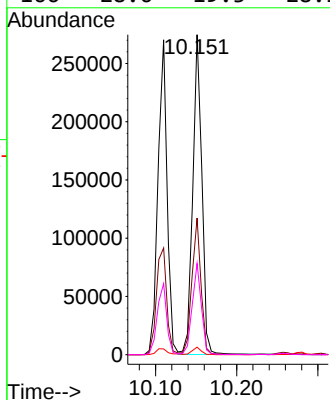
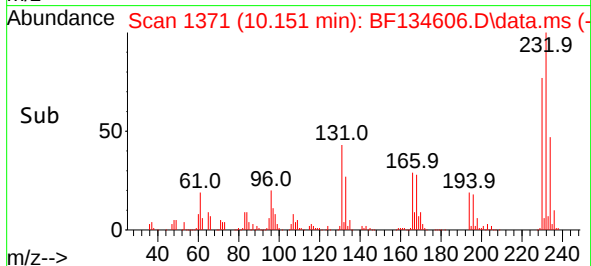
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:232 Resp: 215051
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.3 1.8 2.6
166 28.6 19.3 28.9

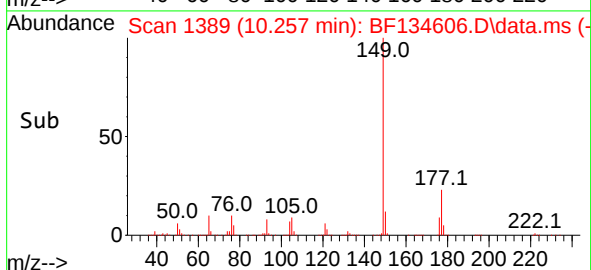
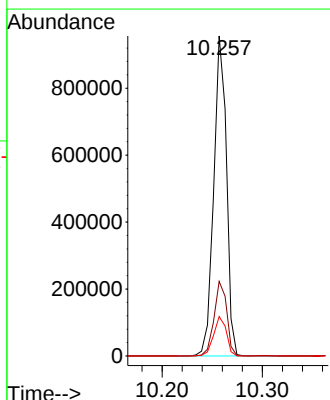
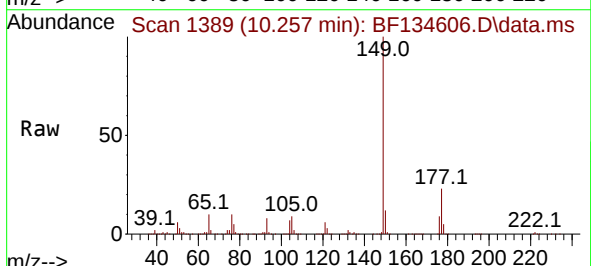
Manual Integrations
APPROVED

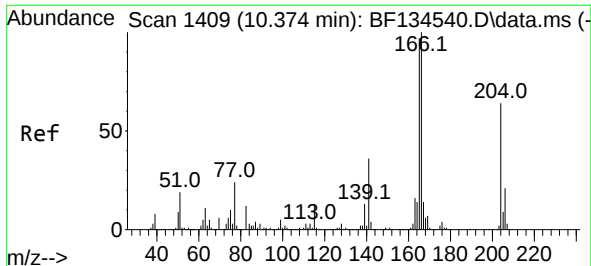
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#60
Diethylphthalate
Concen: 46.709 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

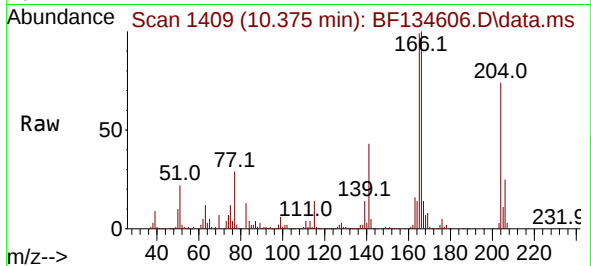
Tgt Ion:149 Resp: 841533
Ion Ratio Lower Upper
149 100
177 23.3 17.0 25.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.049 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

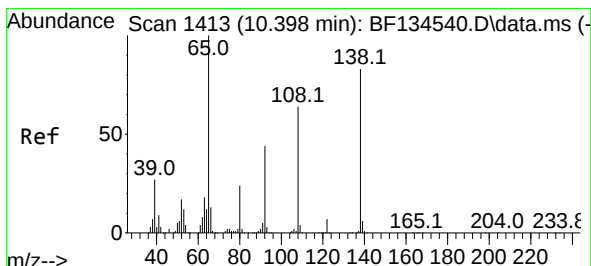
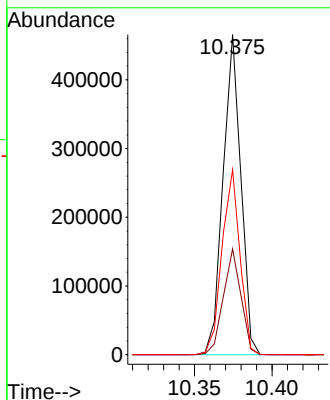
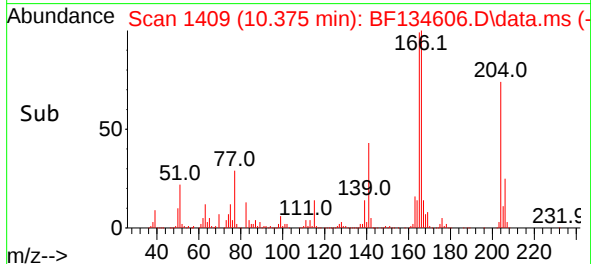
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



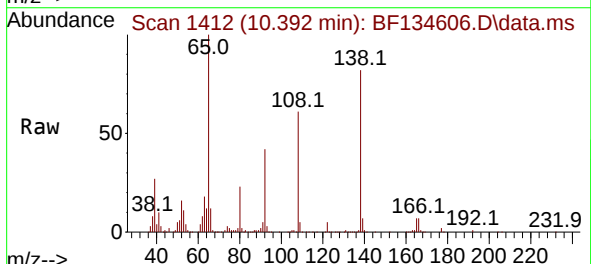
Tgt Ion:204 Resp: 37161
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 57.8 52.2 78.4

Manual Integrations
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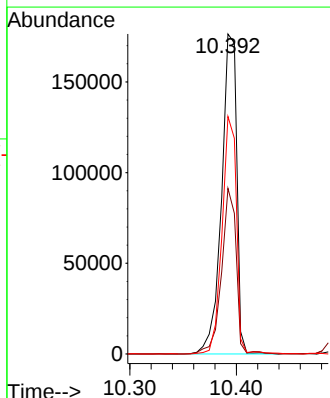
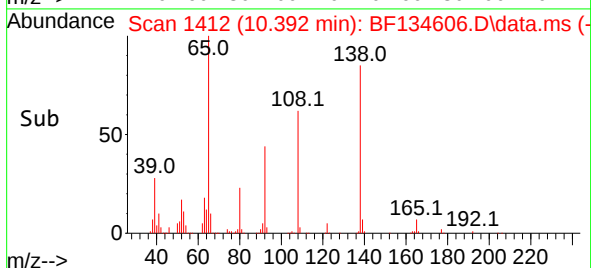
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

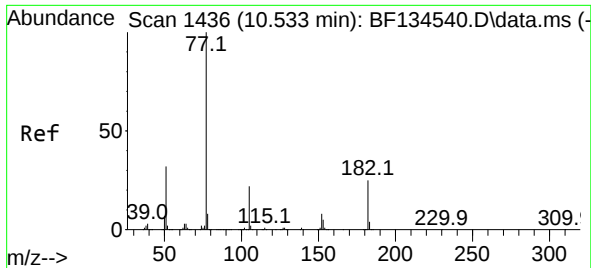


#62
4-Nitroaniline
Concen: 41.967 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



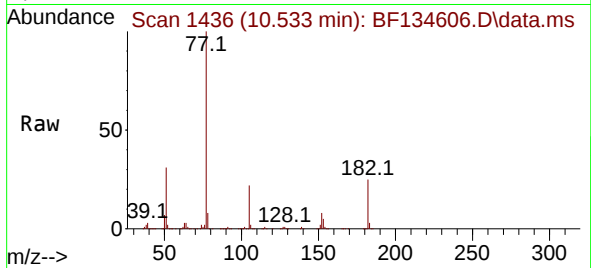
Tgt Ion:138 Resp: 174267
Ion Ratio Lower Upper
138 100
92 51.7 27.0 67.0
108 74.2 70.4 110.4





#63
Azobenzene
Concen: 40.771 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

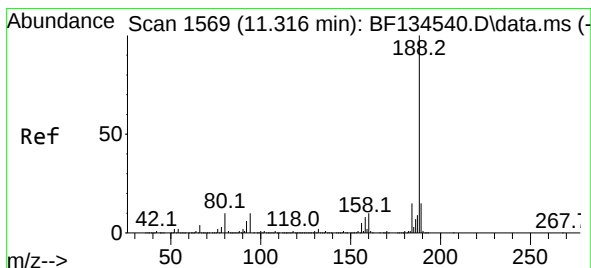
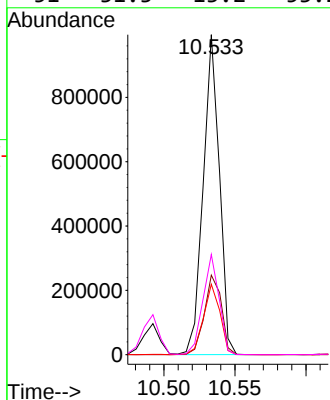
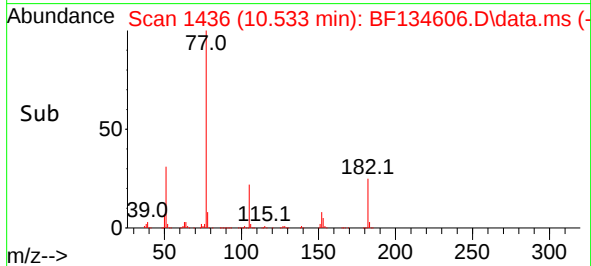
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion: 77 Resp: 789210
Ion Ratio Lower Upper
77 100
182 24.9 7.5 47.5
105 22.0 1.9 41.9
51 31.3 13.2 53.2

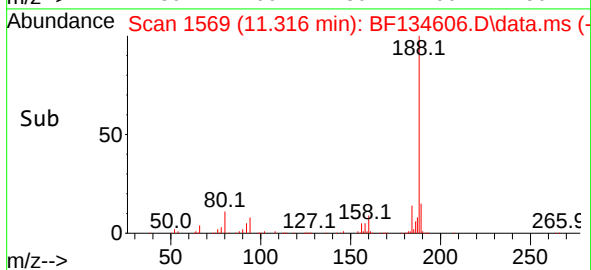
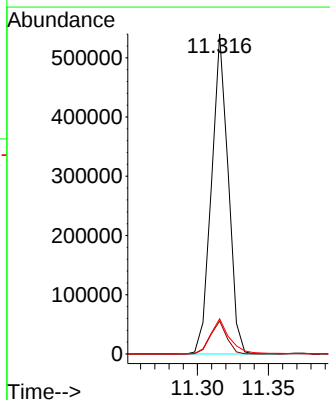
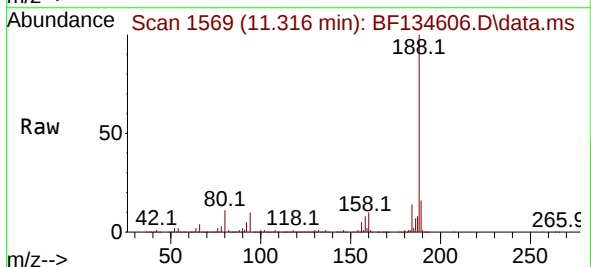
Manual Integrations
APPROVED

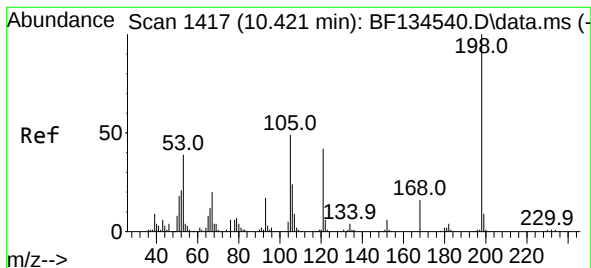
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion:188 Resp: 440725
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 11.0 6.6 9.8#





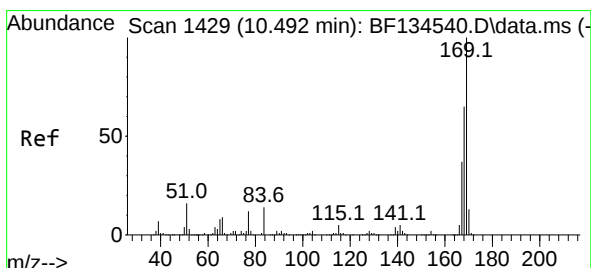
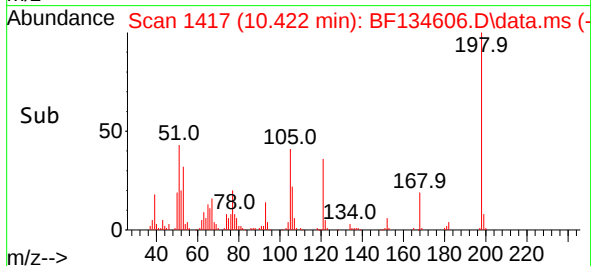
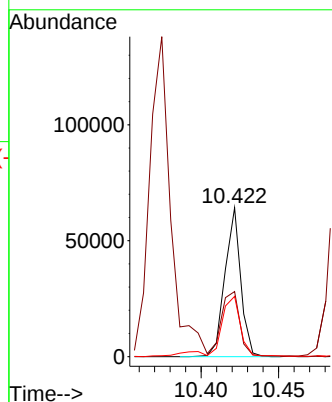
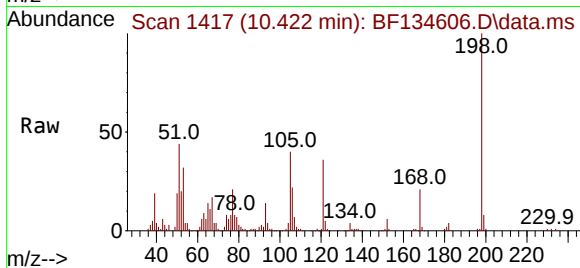
#65
4,6-Dinitro-2-methylphenol
Concen: 29.622 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD

Tgt Ion:198 Resp: 45520
Ion Ratio Lower Upper
198 100
51 43.7 38.6 78.6
105 40.5 27.9 67.9

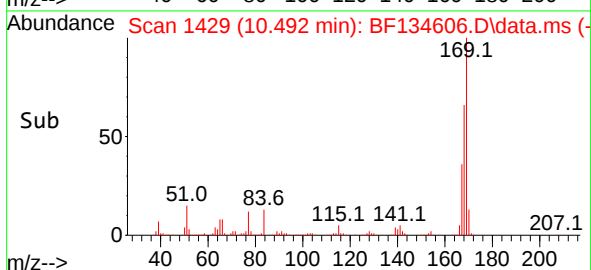
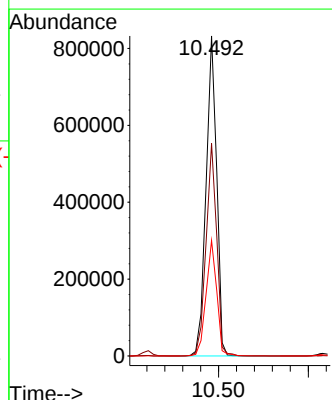
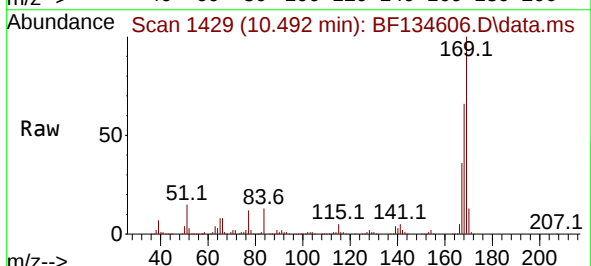
Manual Integrations
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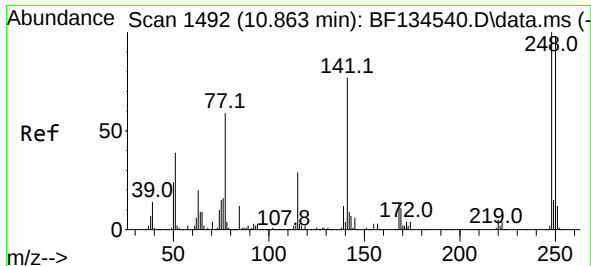
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#66
n-Nitrosodiphenylamine
Concen: 48.559 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

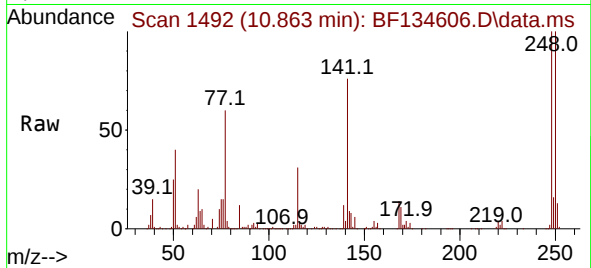
Tgt Ion:169 Resp: 681176
Ion Ratio Lower Upper
169 100
168 66.4 52.6 78.8
167 36.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 47.756 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

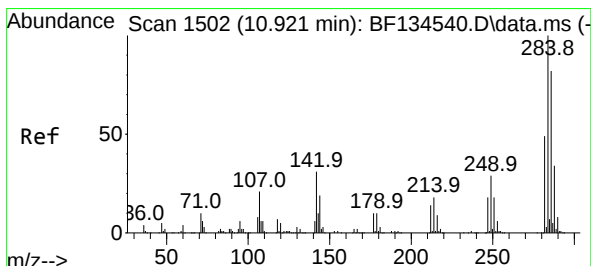
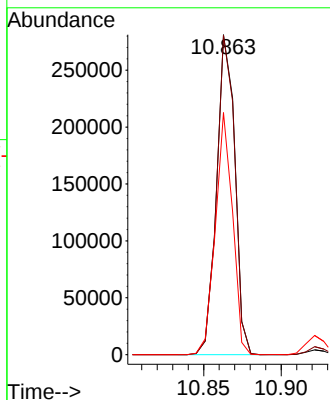
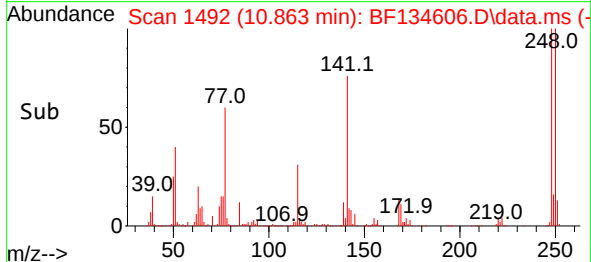
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



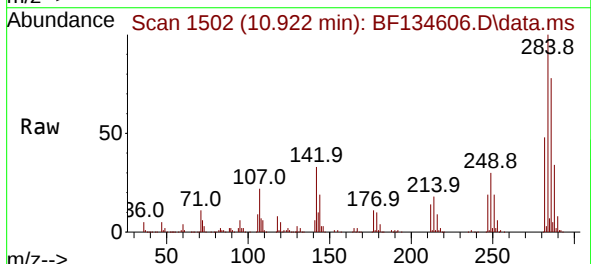
Tgt Ion:248 Resp: 230402
Ion Ratio Lower Upper
248 100
250 99.7 79.6 119.4
141 75.6 59.6 89.4

Manual Integrations
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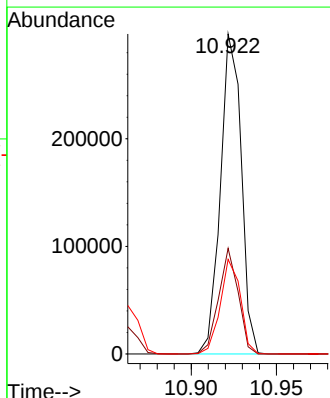
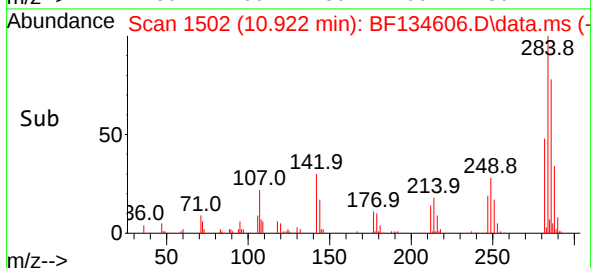
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

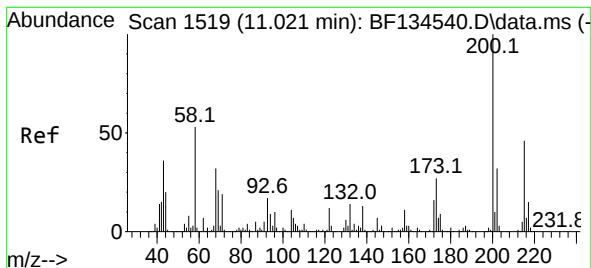


#68
Hexachlorobenzene
Concen: 49.615 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



Tgt Ion:284 Resp: 252772
Ion Ratio Lower Upper
284 100
142 33.0 26.5 39.7
249 29.5 23.8 35.8





#69

Atrazine

Concen: 59.477 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

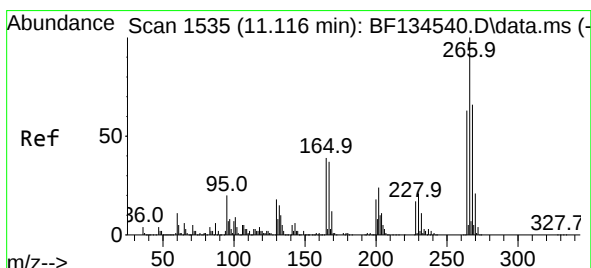
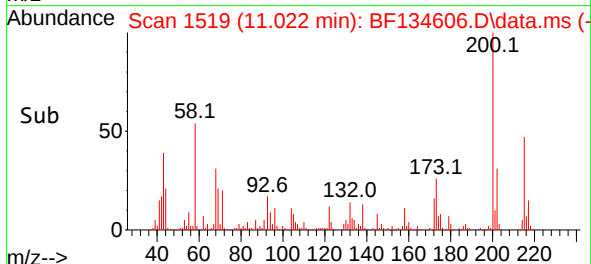
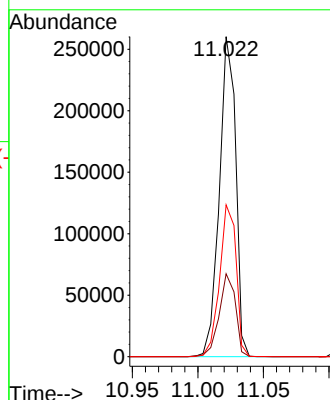
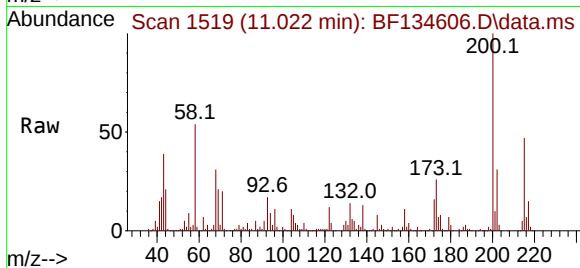
ClientSampleId :

SB-21-16-18-20230719MSD

Tgt Ion:200 Resp: 22488
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.1 46.1
 215 47.5 29.7 69.7

Manual Integrations
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Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023



#70

Pentachlorophenol

Concen: 87.175 ng

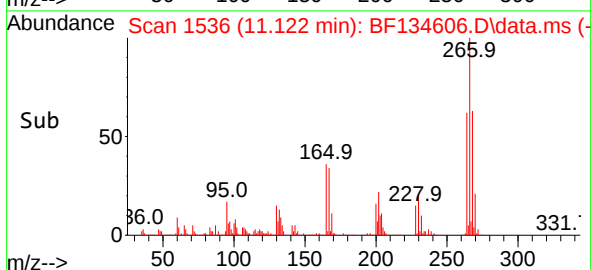
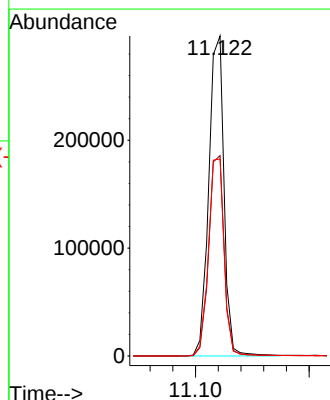
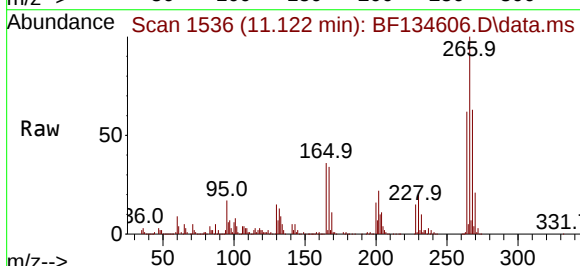
RT: 11.122 min Scan# 1536

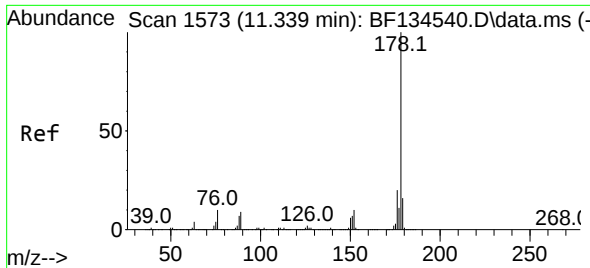
Delta R.T. 0.006 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

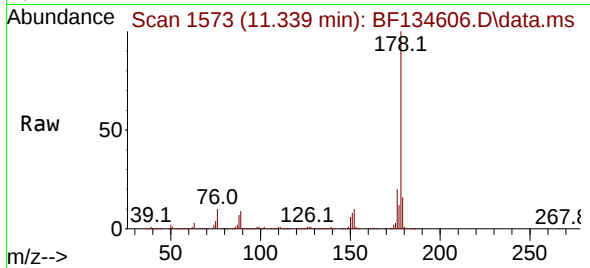
Tgt Ion:266 Resp: 274988
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.9 79.3
 264 61.5 47.8 71.6





#71
Phenanthrene
Concen: 45.031 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

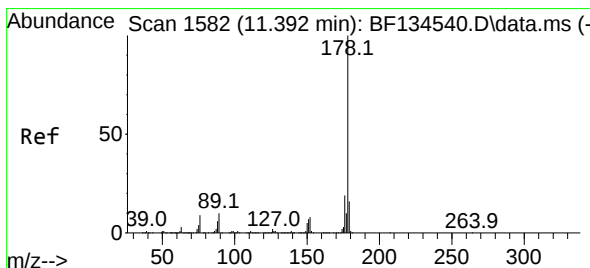
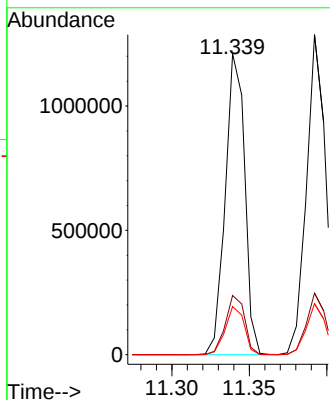
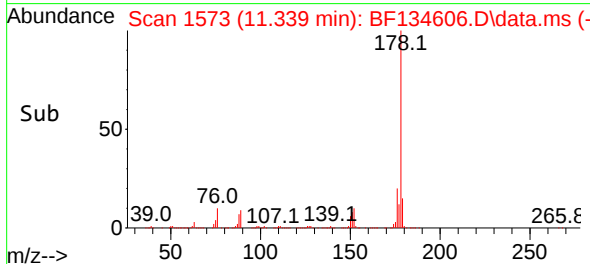
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:178 Resp: 1054149
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.0 12.7 19.1

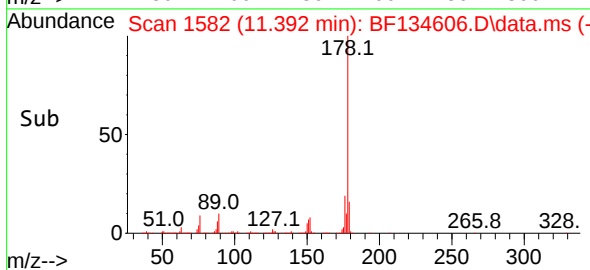
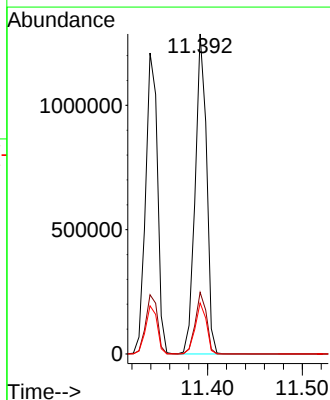
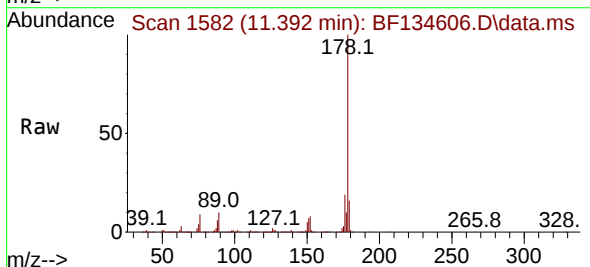
Manual Integrations
APPROVED

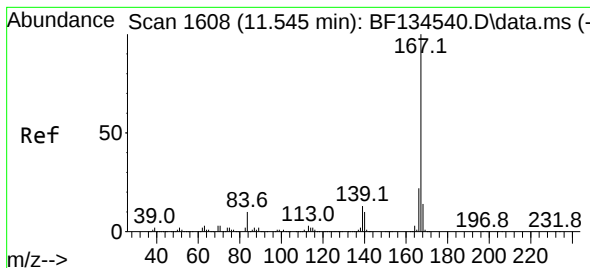
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#72
Anthracene
Concen: 45.139 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

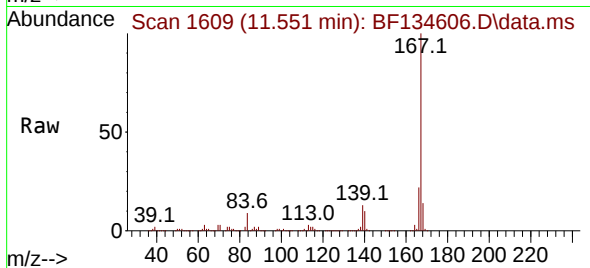
Tgt Ion:178 Resp: 1079355
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 16.0 12.3 18.5





#73
 Carbazole
 Concen: 45.452 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF134606.D
 Acq: 03 Aug 2023 12:31

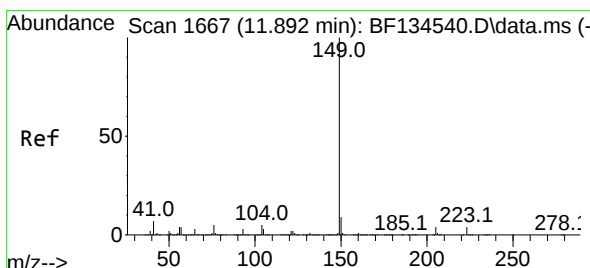
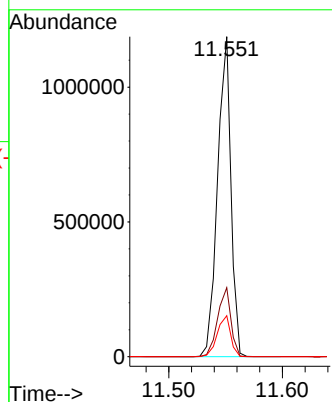
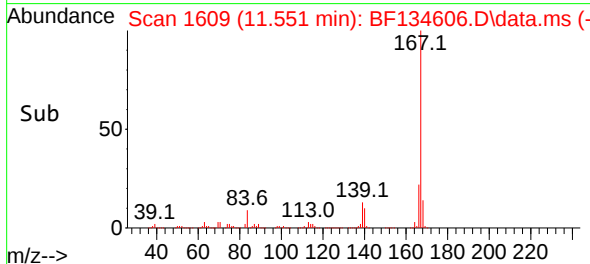
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MSD



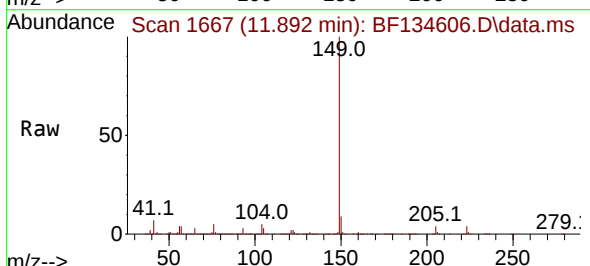
Tgt Ion:167 Resp: 970400
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.8 11.0 16.4

Manual Integrations
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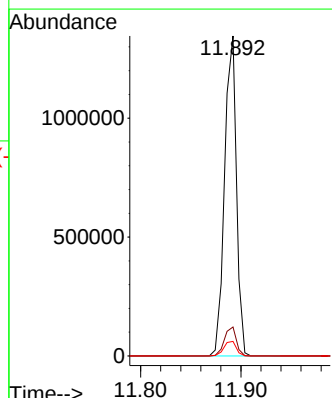
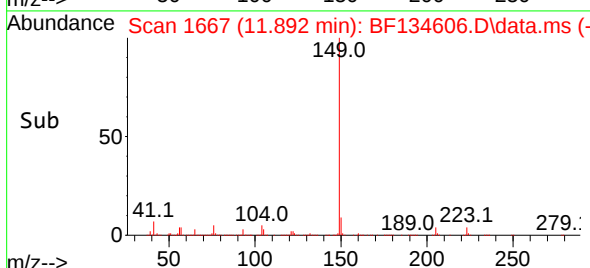
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

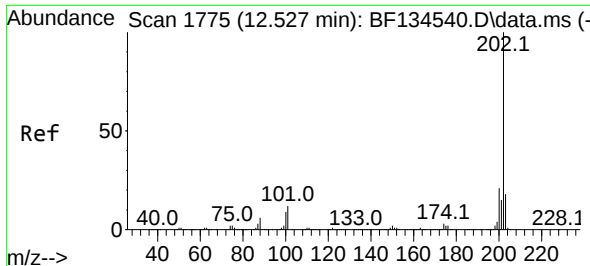


#74
 Di-n-butylphthalate
 Concen: 48.576 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF134606.D
 Acq: 03 Aug 2023 12:31



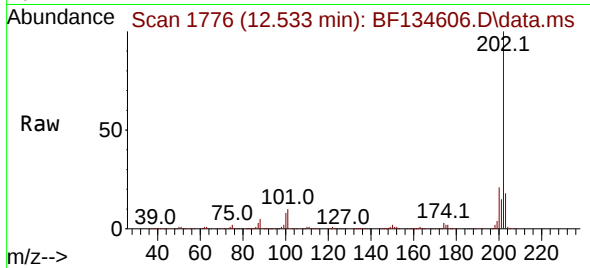
Tgt Ion:149 Resp: 1101809
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 44.767 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

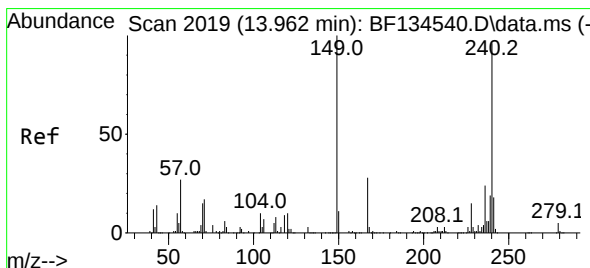
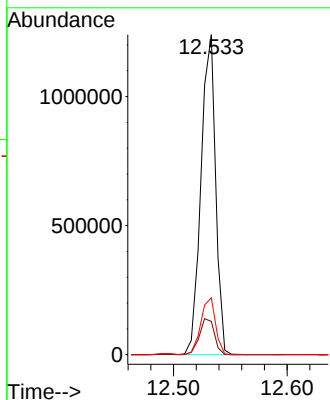
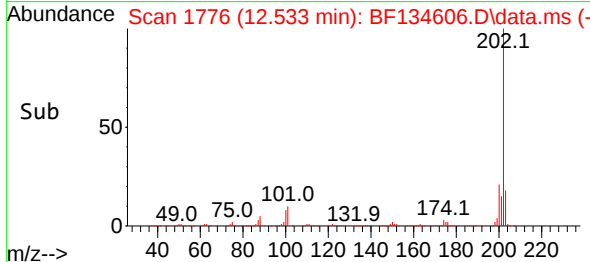
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:202 Resp: 1106979
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 17.7 0.0 37.5

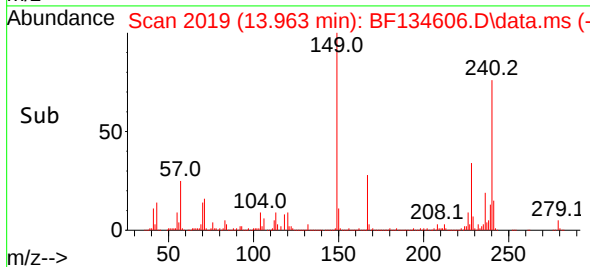
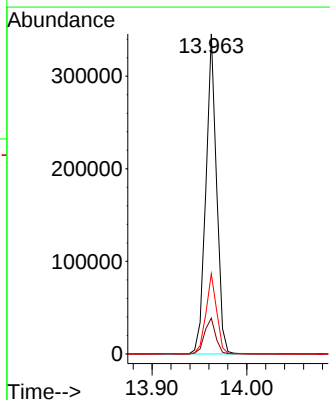
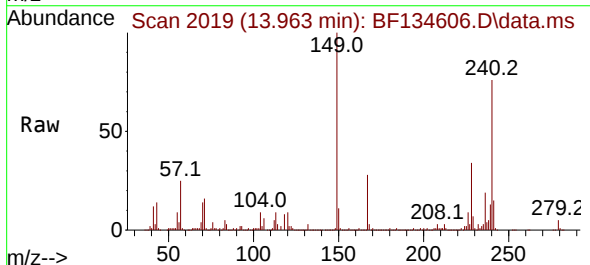
Manual Integrations
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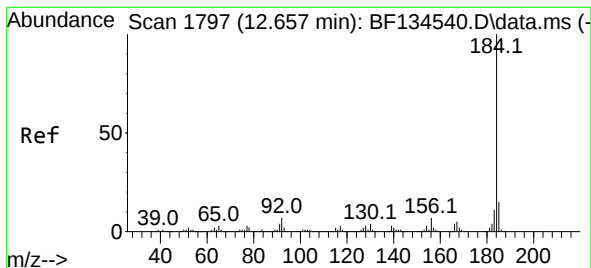
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion:240 Resp: 270106
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.1 20.2 30.2





#77

Benzidine

Concen: 109.390 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134606.D

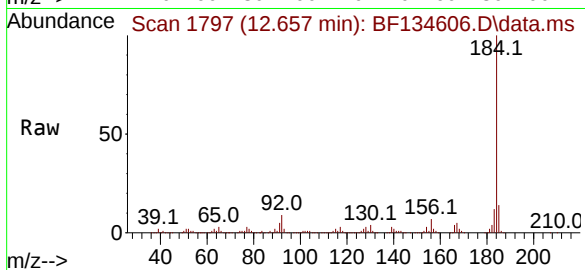
Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MSD



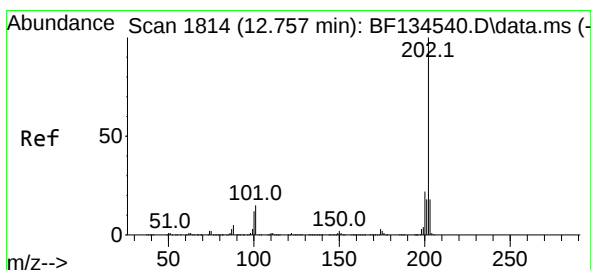
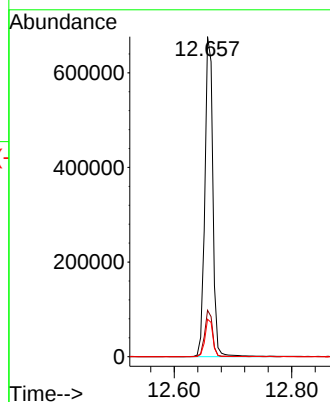
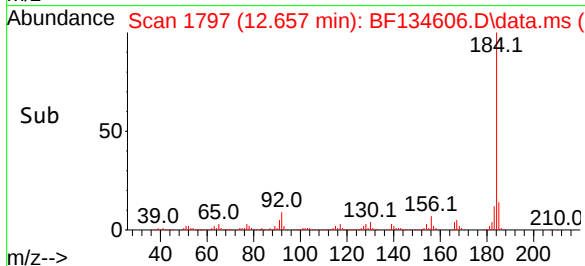
Tgt Ion:	184	Resp:	641402
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.2	16.8
183	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#78

Pyrene

Concen: 48.552 ng

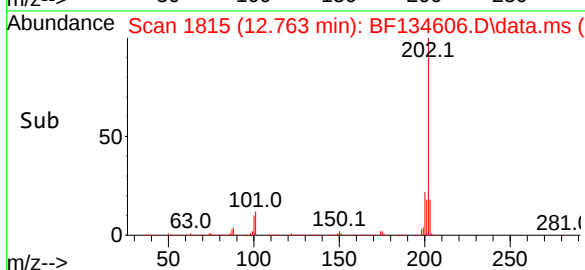
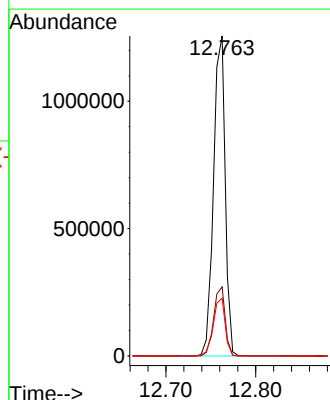
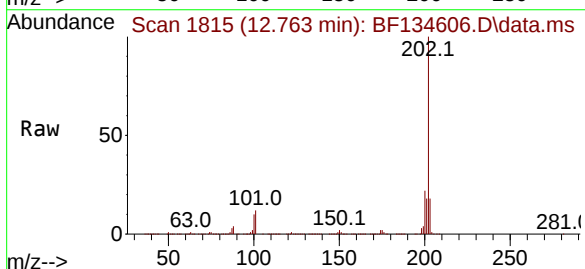
RT: 12.763 min Scan# 1815

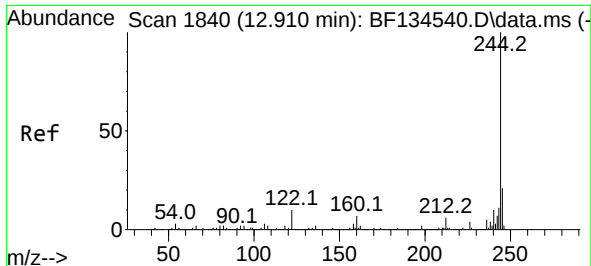
Delta R.T. 0.006 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

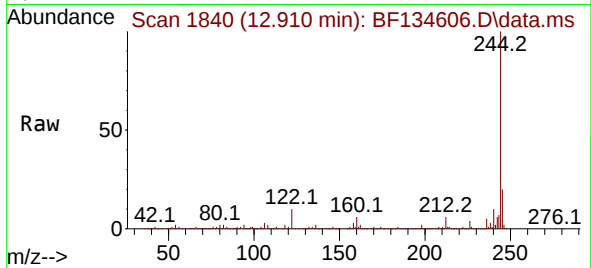
Tgt Ion:	202	Resp:	1134789
Ion Ratio	Lower	Upper	
202	100		
200	21.6	15.8	23.8
203	18.0	13.5	20.3





#79
Terphenyl-d14
Concen: 59.604 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

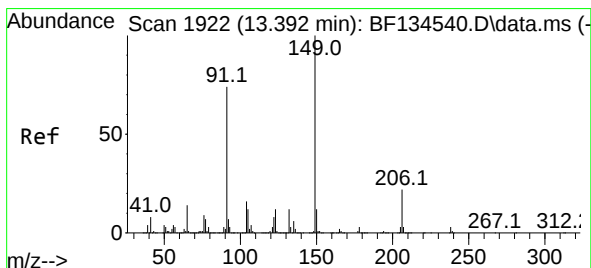
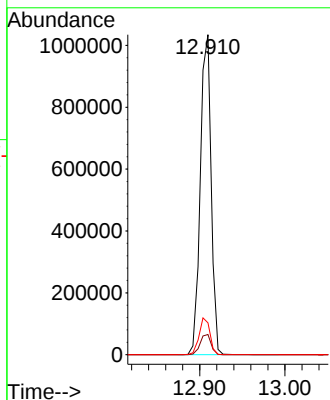
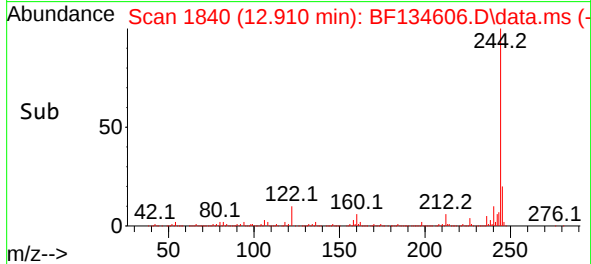
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



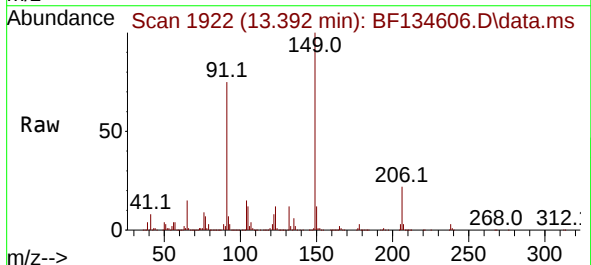
Tgt Ion:244 Resp: 913250
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 9.9 8.0 12.0

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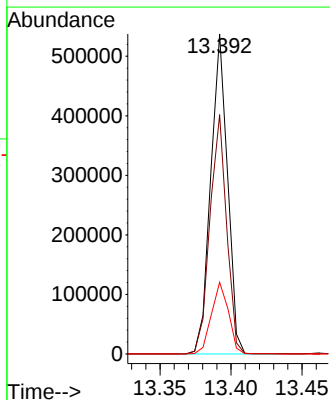
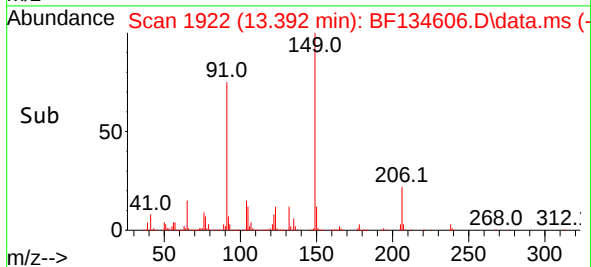
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

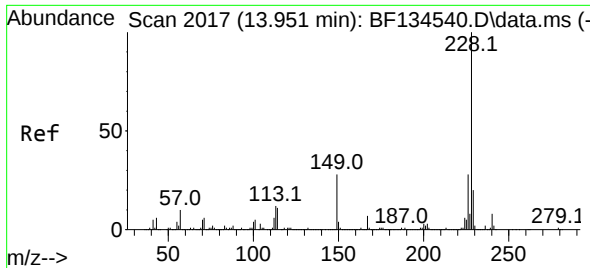


#80
Butylbenzylphthalate
Concen: 55.863 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



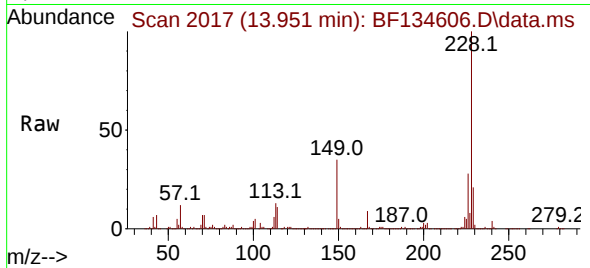
Tgt Ion:149 Resp: 441503
Ion Ratio Lower Upper
149 100
91 74.8 55.8 83.6
206 22.4 14.6 21.8





#81
Benzo(a)anthracene
Concen: 44.972 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

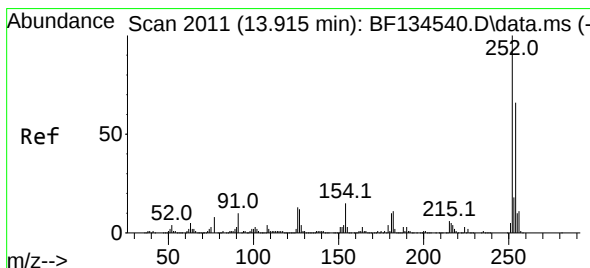
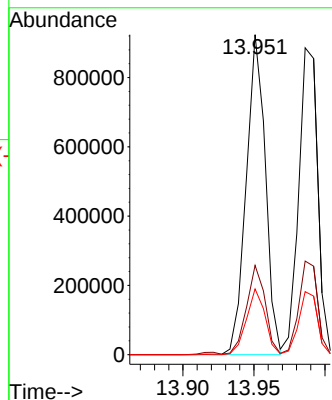
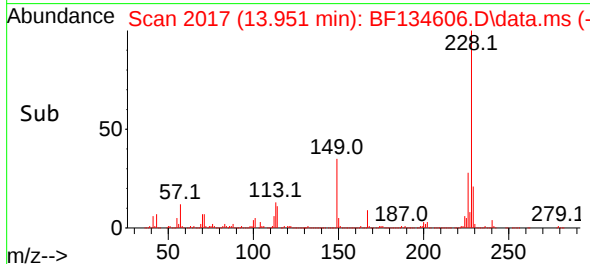
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



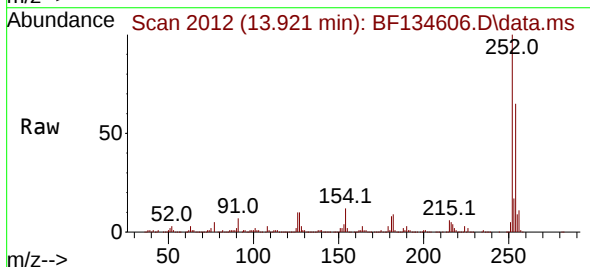
Tgt Ion:228 Resp: 868589
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.6 15.8 23.6

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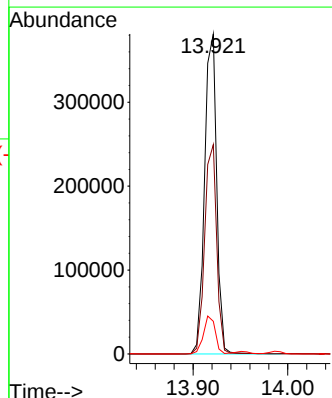
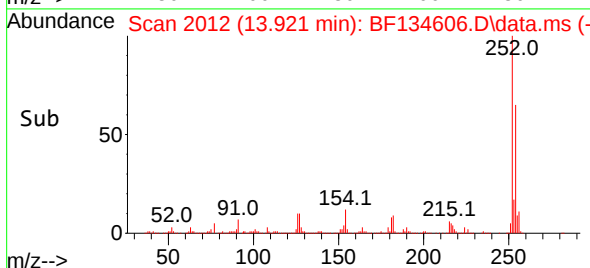
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

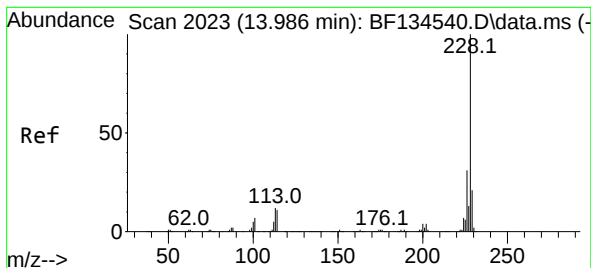


#82
3,3'-Dichlorobenzidine
Concen: 60.263 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



Tgt Ion:252 Resp: 337375
Ion Ratio Lower Upper
252 100
254 65.4 52.7 79.1
126 10.2 7.2 10.8





#83

Chrysene

Concen: 43.989 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

Instrument :

BNA_F

ClientSampleId :

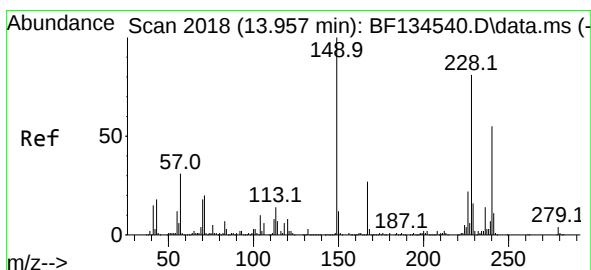
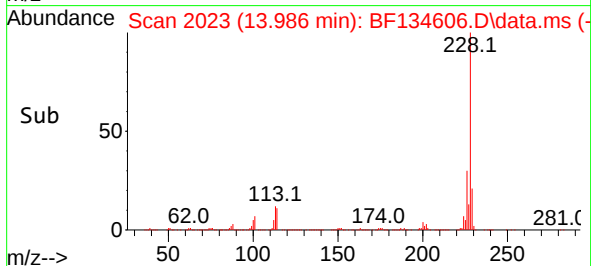
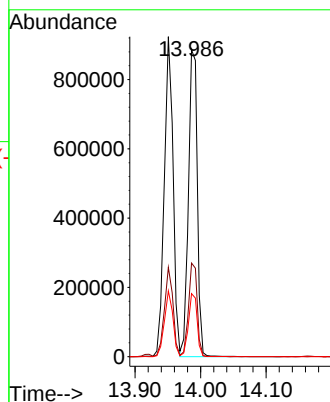
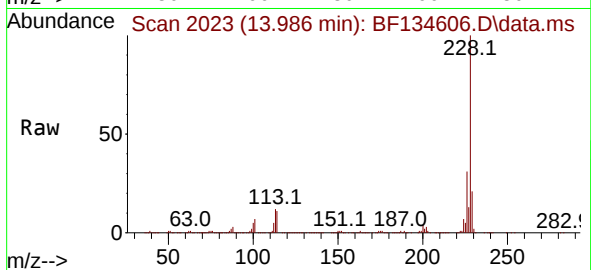
SB-21-16-18-20230719MSD

Tgt Ion:	228	Resp:	827725
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	20.5	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.256 ng

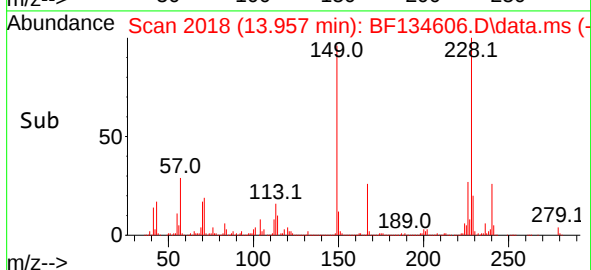
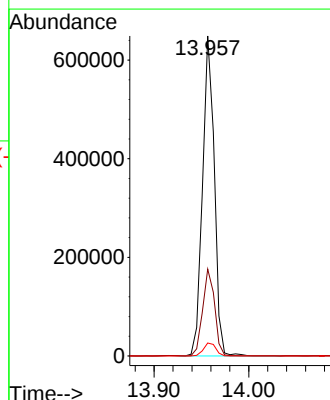
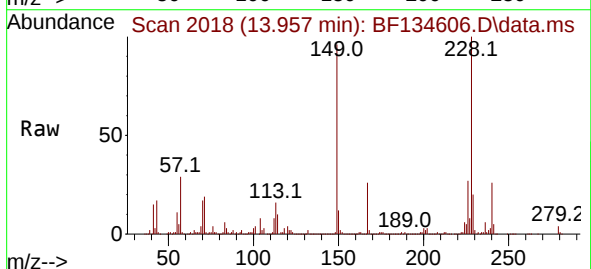
RT: 13.957 min Scan# 2018

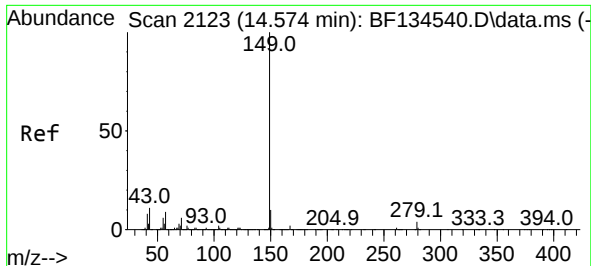
Delta R.T. 0.000 min

Lab File: BF134606.D

Acq: 03 Aug 2023 12:31

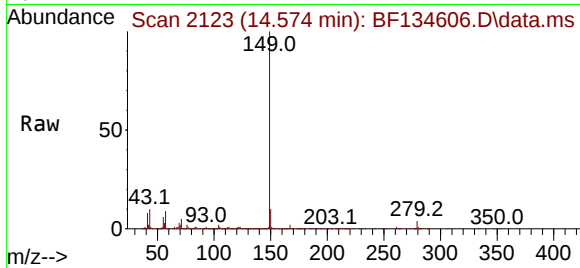
Tgt Ion:	149	Resp:	560426
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.6	32.4
279	4.0	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 68.274 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

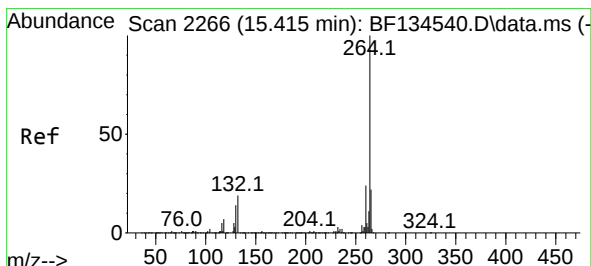
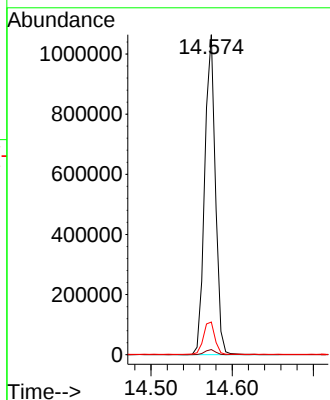
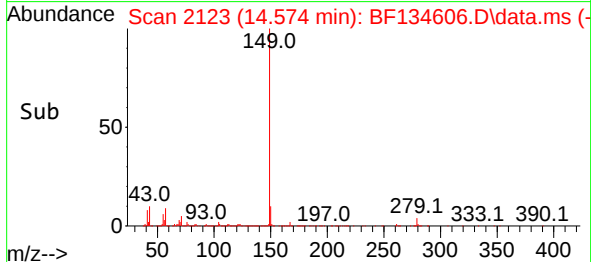
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:149 Resp: 965638
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 8.1 12.1

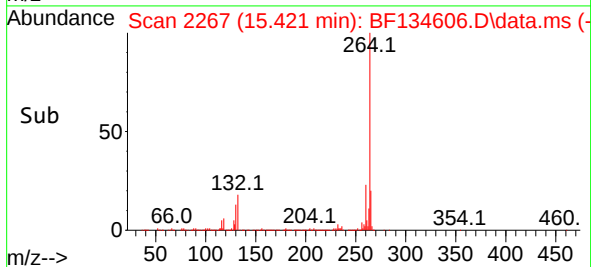
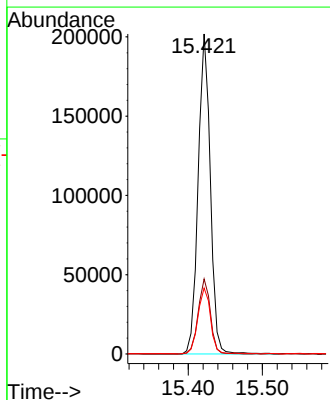
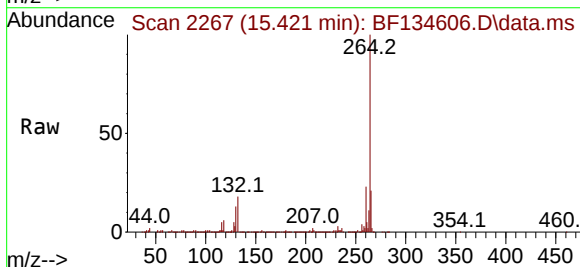
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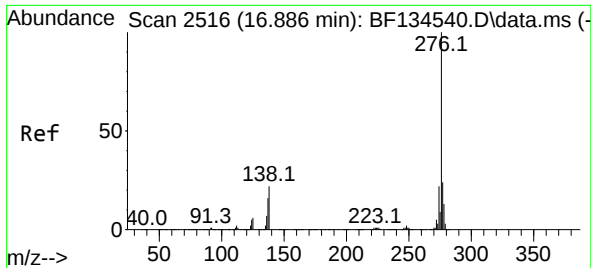
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

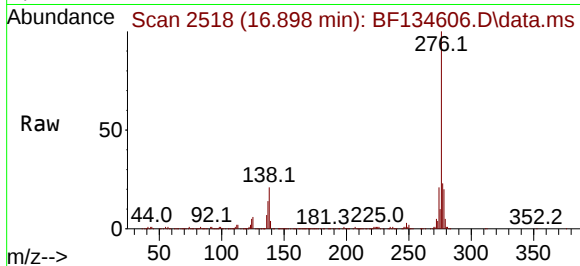
Tgt Ion:264 Resp: 229204
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.6 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.398 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

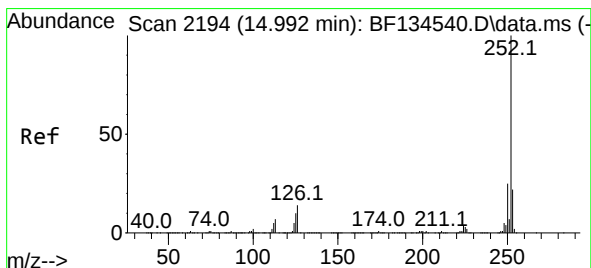
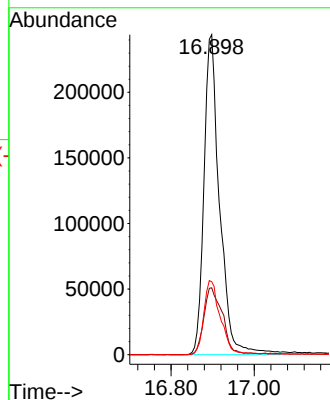
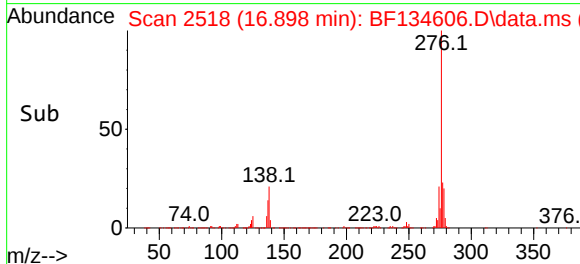
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



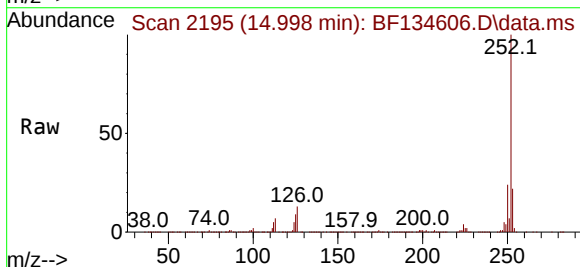
Tgt Ion:276 Resp: 638928
Ion Ratio Lower Upper
276 100
138 24.7 14.2 21.4
277 24.6 19.9 29.9

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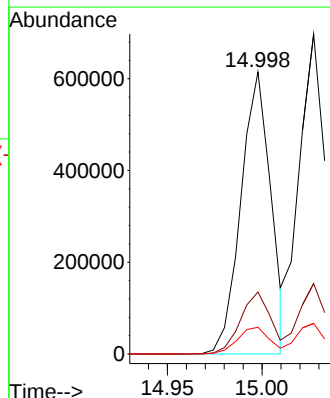
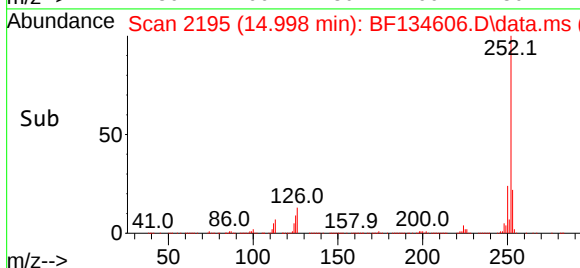
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

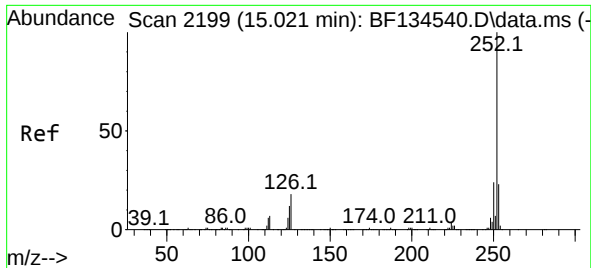


#88
Benzo(b)fluoranthene
Concen: 48.252 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31



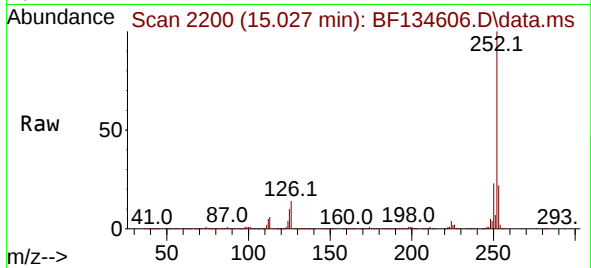
Tgt Ion:252 Resp: 674506
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.5 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 48.580 ng m
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

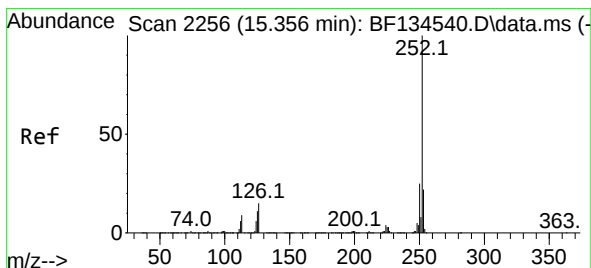
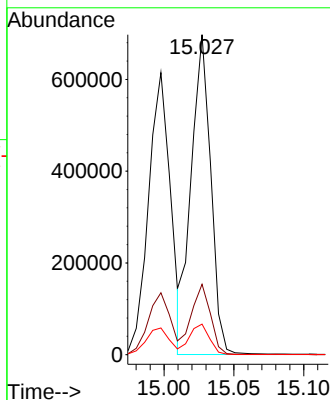
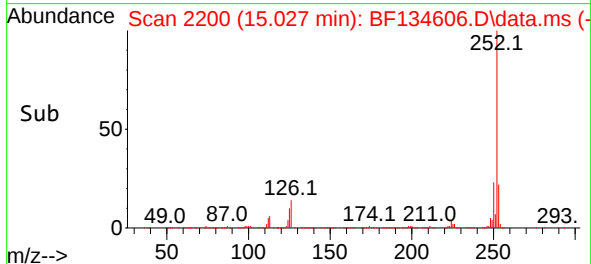
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion:252 Resp: 67648
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.6 6.3 9.5

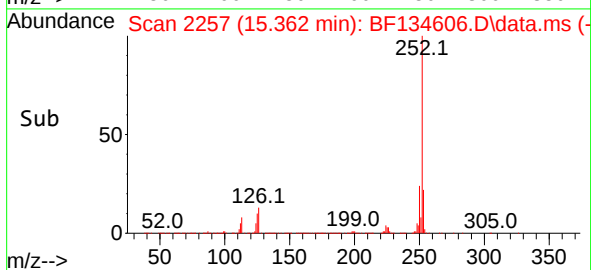
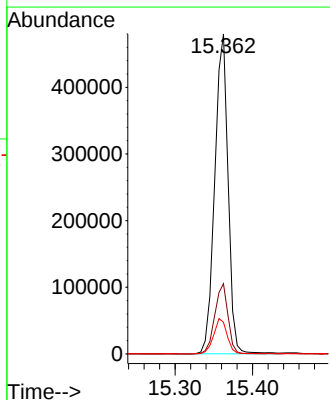
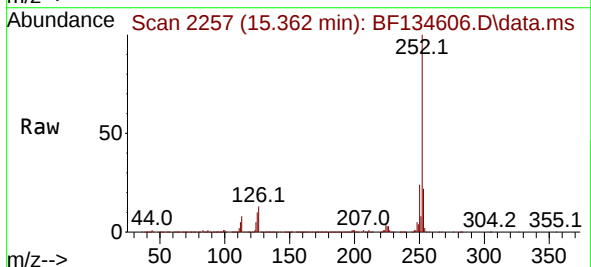
Manual Integrations
APPROVED

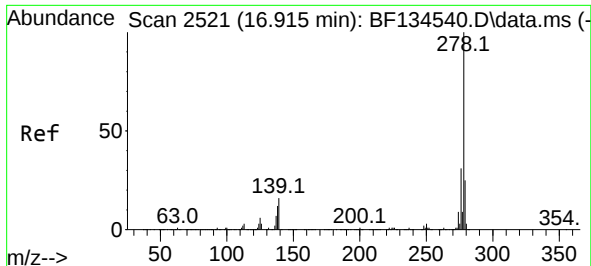
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#90
Benzo(a)pyrene
Concen: 43.953 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

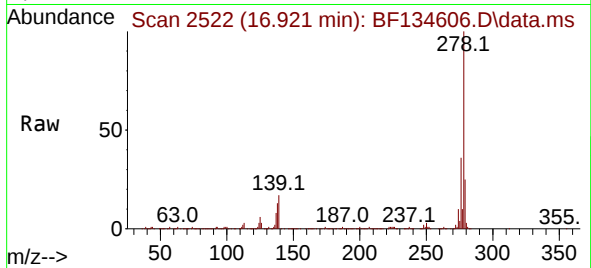
Tgt Ion:252 Resp: 572873
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.9 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 48.717 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

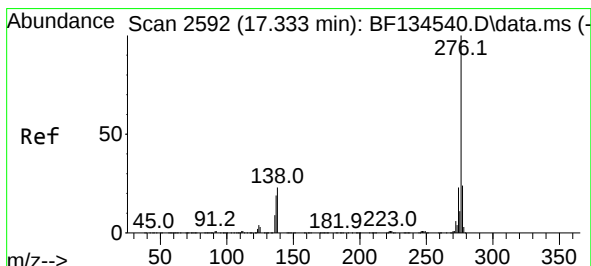
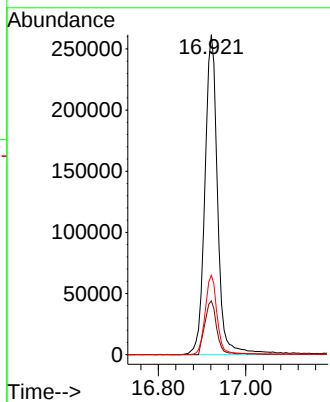
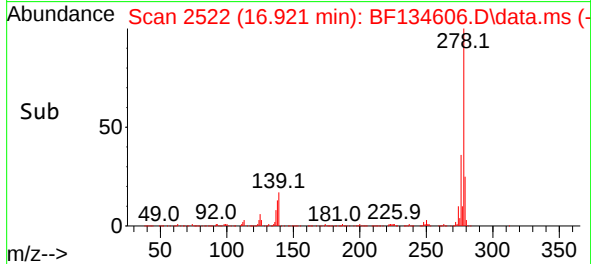
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MSD



Tgt Ion: 278 Resp: 53072
Ion Ratio Lower Upper
278 100
139 16.8 10.0 15.0
279 24.8 19.7 29.5

Manual Integrations
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Reviewed By : Yogesh Patel 08/04/2023
Supervised By : mohammad ahmed 08/04/2023



#92
Benzo(g,h,i)perylene
Concen: 44.326 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF134606.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 276 Resp: 492575
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 20.4 12.2 18.2

