

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134605.D
 Acq On : 03 Aug 2023 11:59
 Operator : CG\JU
 Sample : 03686-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 04 01:05:50 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	193368	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	736561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	318856	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	510193	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	305137	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	262776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1488822	117.039	ng	0.02
7) Phenol-d6	6.434	99	1910893	117.514	ng	0.00
23) Nitrobenzene-d5	7.363	82	1153988	97.909	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	398375	122.561	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1843163	96.113	ng	0.00
79) Terphenyl-d14	12.910	244	1805716	104.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	215262	36.780	ng	96
3) Pyridine	3.363	79	559787	35.296	ng	90
4) n-Nitrosodimethylamine	3.322	42	323213	42.652	ng	# 61
6) Aniline	6.463	93	644104	30.199	ng	91
8) 2-Chlorophenol	6.581	128	608804	47.444	ng	96
9) Benzaldehyde	6.351	77	331145	43.962	ng	96
10) Phenol	6.451	94	726431m	45.332	ng	
11) bis(2-Chloroethyl)ether	6.540	93	572644	44.985	ng	94
12) 1,3-Dichlorobenzene	6.740	146	609026	45.872	ng	94
13) 1,4-Dichlorobenzene	6.816	146	615620	46.266	ng	97
14) 1,2-Dichlorobenzene	6.963	146	590134	47.600	ng	97
15) Benzyl Alcohol	6.940	79	516021	45.999	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	894891	44.872	ng	89
17) 2-Methylphenol	7.051	107	481851	42.494	ng	92
18) Hexachloroethane	7.304	117	203536	43.584	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	401761	41.266	ng	91
20) 3+4-Methylphenols	7.204	107	554283	40.532	ng	# 82
22) Acetophenone	7.210	105	736813	43.331	ng	# 85
24) Nitrobenzene	7.381	77	597851	46.952	ng	94
25) Isophorone	7.616	82	1115427	43.390	ng	99
26) 2-Nitrophenol	7.693	139	274804	50.446	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	521345	45.451	ng	85
28) bis(2-Chloroethoxy)met...	7.828	93	702714	45.696	ng	98
29) 2,4-Dichlorophenol	7.934	162	462971	44.471	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	506729	45.645	ng	98
31) Naphthalene	8.098	128	1578700	42.647	ng	99
32) Benzoic acid	7.851	122	316398	43.222	ng	93
33) 4-Chloroaniline	8.145	127	267060	16.191	ng	97
34) Hexachlorobutadiene	8.216	225	292422	45.665	ng	98
35) Caprolactam	8.516	113	146732m	43.686	ng	
36) 4-Chloro-3-methylphenol	8.628	107	460438	41.762	ng	94
37) 2-Methylnaphthalene	8.787	142	989375	40.322	ng	98
38) 1-Methylnaphthalene	8.887	142	908882	39.834	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	457467	49.338	ng	98
41) Hexachlorocyclopentadiene	8.939	237	207809	46.089	ng	92
43) 2,4,6-Trichlorophenol	9.063	196	297759	49.069	ng	98

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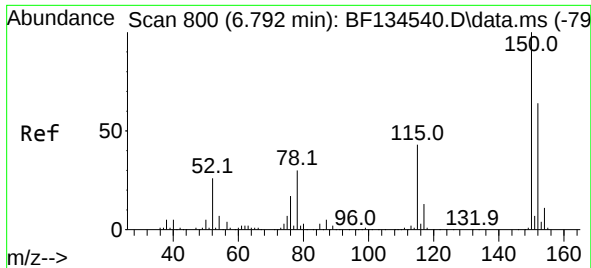
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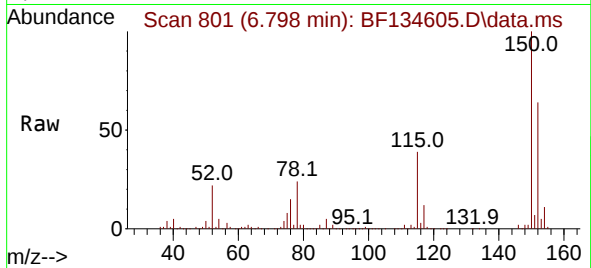
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	305133	43.996	ng	93
46) 1,1'-Biphenyl	9.257	154	1158068	46.705	ng	99
47) 2-Chloronaphthalene	9.275	162	759228	40.865	ng	99
48) 2-Nitroaniline	9.375	65	274959	47.505	ng	88
49) Acenaphthylene	9.692	152	1279268	43.804	ng	100
50) Dimethylphthalate	9.557	163	1071635	49.311	ng	98
51) 2,6-Dinitrotoluene	9.616	165	219320	49.190	ng	87
52) Acenaphthene	9.863	154	831187	43.918	ng	99
53) 3-Nitroaniline	9.787	138	193808	40.011	ng	97
54) 2,4-Dinitrophenol	9.886	184	65098	46.254	ng	87
55) Dibenzofuran	10.039	168	1124515	41.739	ng	93
56) 4-Nitrophenol	9.945	139	363716	91.808	ng	# 76
57) 2,4-Dinitrotoluene	10.022	165	254953	47.440	ng	# 84
58) Fluorene	10.381	166	793669	40.444	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	245443	44.733	ng	97
60) Diethylphthalate	10.263	149	945852	45.917	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	411606	42.672	ng	93
62) 4-Nitroaniline	10.398	138	192186	40.479	ng	86
63) Azobenzene	10.534	77	887784	40.113	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	51568	29.174	ng	93
66) n-Nitrosodiphenylamine	10.492	169	766252	47.186	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	266096	47.645	ng	99
68) Hexachlorobenzene	10.928	284	286979	48.660	ng	# 90
69) Atrazine	11.028	200	257392	58.806	ng	99
70) Pentachlorophenol	11.122	266	319216	87.417	ng	96
71) Phenanthrene	11.345	178	1203896	44.425	ng	99
72) Anthracene	11.392	178	1217282	43.976	ng	98
73) Carbazole	11.551	167	1102227	44.597	ng	99
74) Di-n-butylphthalate	11.892	149	1269171	48.336	ng	99
75) Fluoranthene	12.533	202	1243577	43.443	ng	97
77) Benzidine	12.663	184	619792	93.569	ng	98
78) Pyrene	12.763	202	1279305	48.451	ng	97
80) Butylbenzylphthalate	13.392	149	521209	58.377	ng	# 95
81) Benzo(a)anthracene	13.951	228	976259	44.744	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	353417	55.881	ng	99
83) Chrysene	13.992	228	919878	43.274	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	635050	60.441	ng	99
85) Di-n-octyl phthalate	14.574	149	1083420	67.807	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	709004	45.877	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	752085	46.928	ng	# 98
89) Benzo(k)fluoranthene	15.027	252	756319	47.374	ng	# 98
90) Benzo(a)pyrene	15.363	252	635415	42.523	ng	# 97
91) Dibenzo(a,h)anthracene	16.921	278	589809	47.224	ng	# 95
92) Benzo(g,h,i)perylene	17.345	276	544689	42.753	ng	# 93

(#) = 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: BF134605.D
 Acq: 03 Aug 2023 11:59

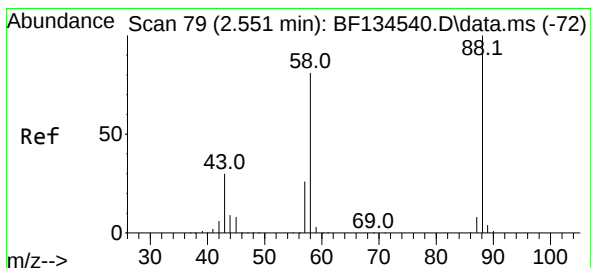
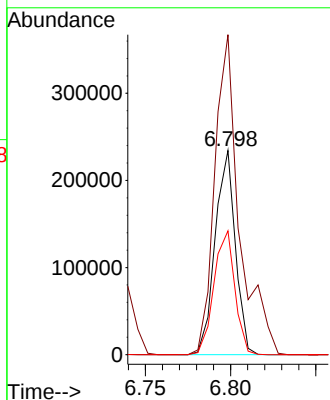
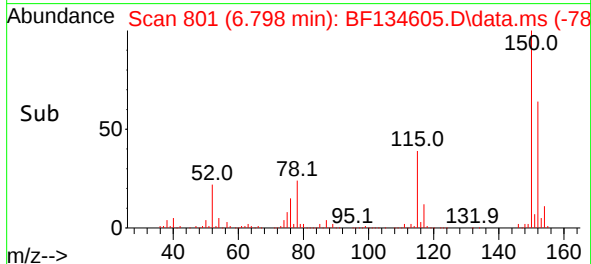
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MS



Tgt Ion: 152 Resp: 19336
 Ion Ratio Lower Upper
 152 100
 150 156.8 128.3 192.5
 115 60.7 52.4 78.6

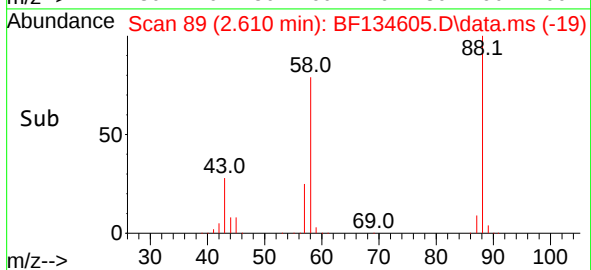
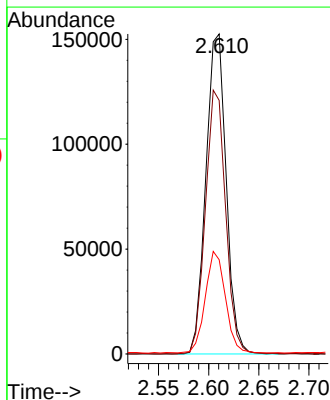
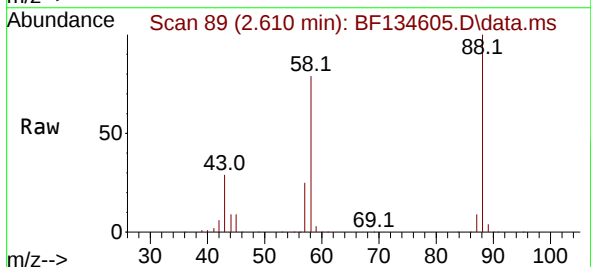
Manual Integrations
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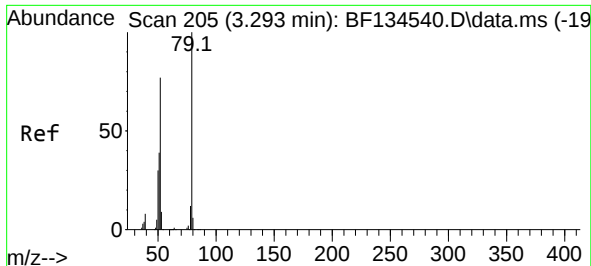
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023



#2
 1,4-Dioxane
 Concen: 36.780 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.059 min
 Lab File: BF134605.D
 Acq: 03 Aug 2023 11:59

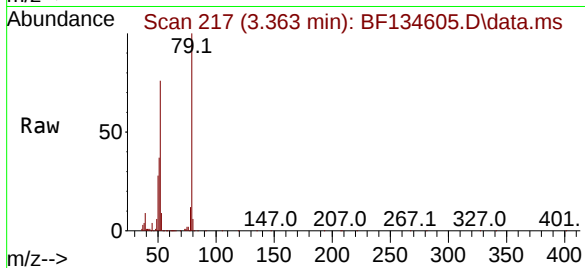
Tgt Ion: 88 Resp: 215262
 Ion Ratio Lower Upper
 88 100
 58 82.4 65.1 97.7
 43 31.7 30.3 45.5





#3
Pyridine
Concen: 35.296 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.071 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

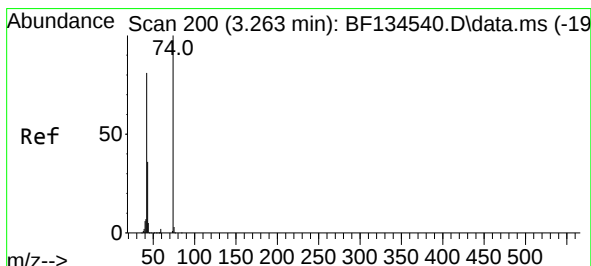
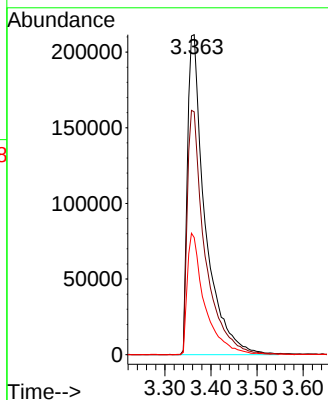
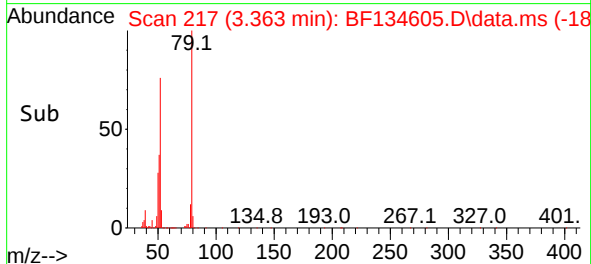
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BNA_F
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SB-21-16-18-20230719MS



Tgt Ion: 79 Resp: 55978
Ion Ratio Lower Upper
79 100
52 75.9 66.6 100.0
51 36.6 36.5 54.7

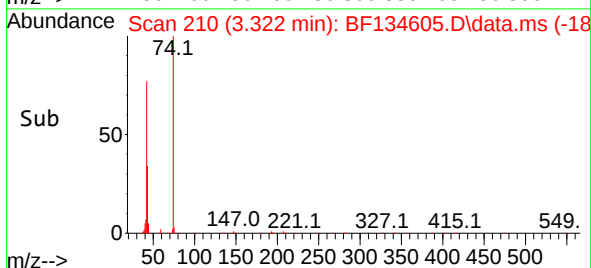
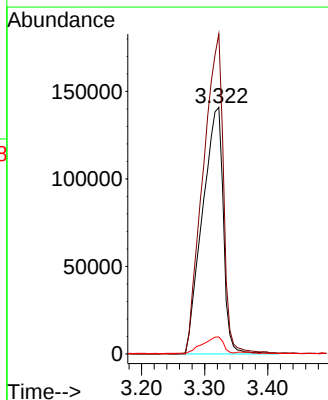
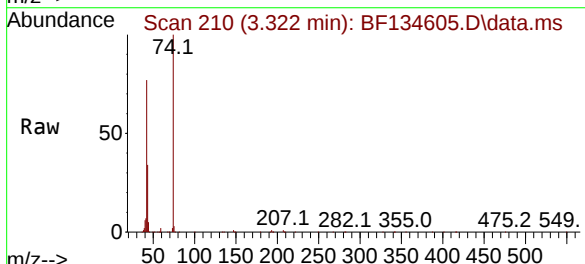
Manual Integrations
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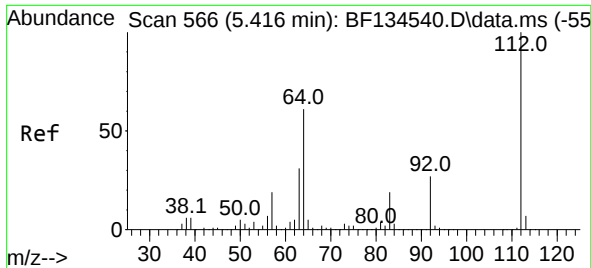
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#4
n-Nitrosodimethylamine
Concen: 42.652 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.059 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

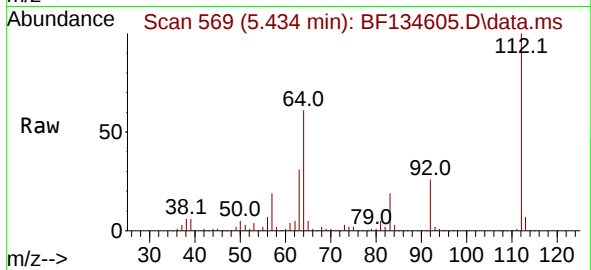
Tgt Ion: 42 Resp: 323213
Ion Ratio Lower Upper
42 100
74 129.8 72.2 108.4#
44 6.9 5.4 8.0





#5
2-Fluorophenol
Concen: 117.039 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

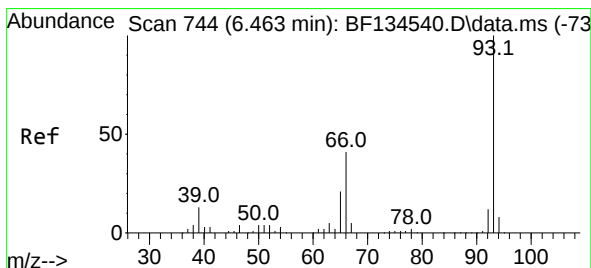
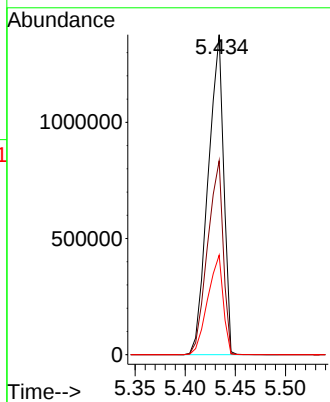
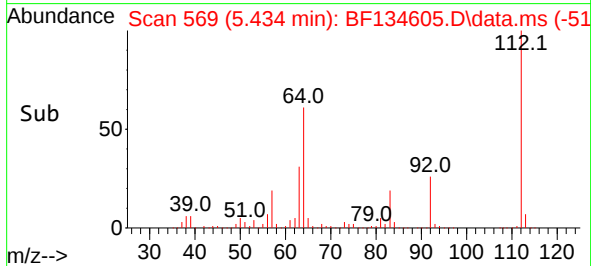
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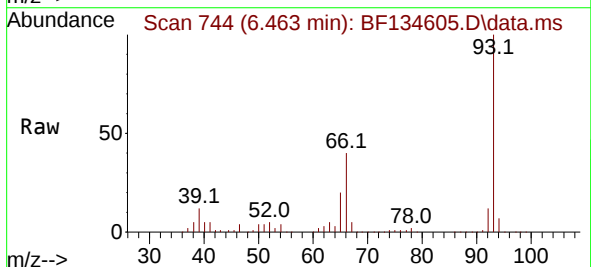
Tgt Ion:112 Resp: 148882
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 31.1 25.4 38.0

Manual Integrations
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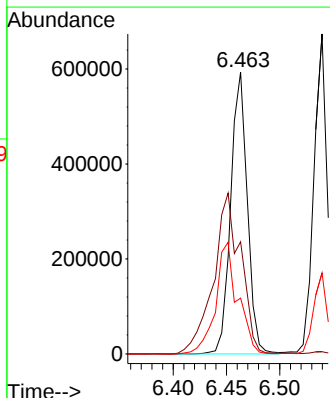
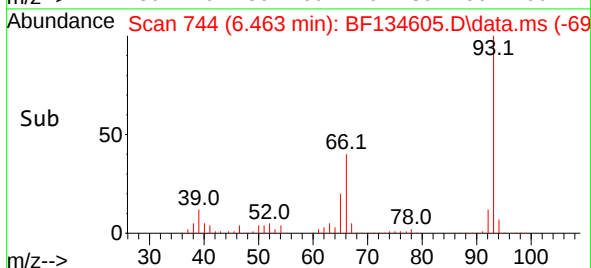
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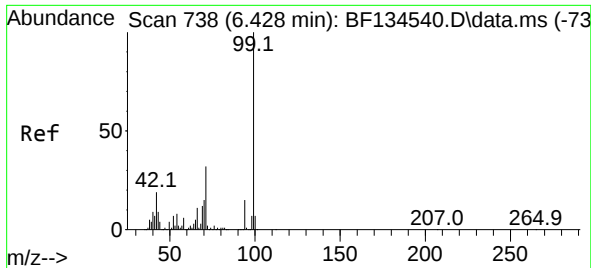


#6
Aniline
Concen: 30.199 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



Tgt Ion: 93 Resp: 644104
Ion Ratio Lower Upper
93 100
66 39.8 36.8 55.2
65 19.8 19.4 29.0





#7

Phenol-d6

Concen: 117.514 ng

RT: 6.434 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS

Tgt Ion: 99 Resp: 191089

Ion Ratio Lower Upper

99 100

42 19.2 18.7 28.1

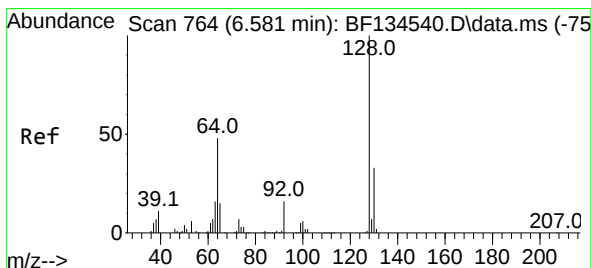
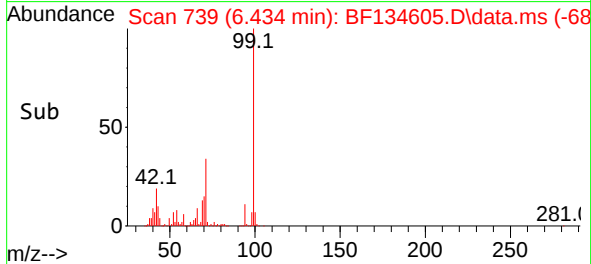
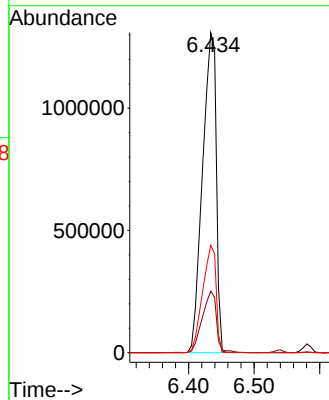
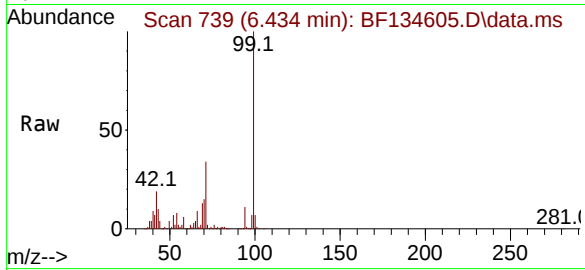
71 33.5 36.4 54.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.444 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF134605.D

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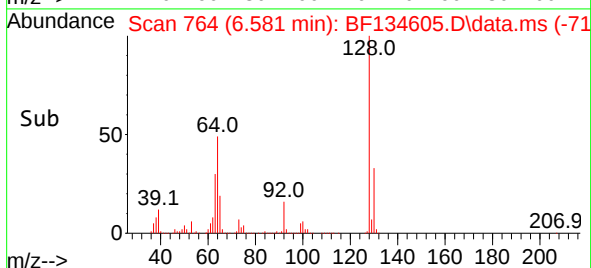
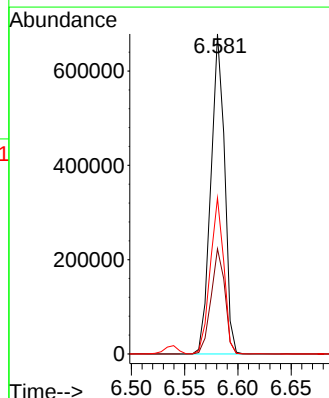
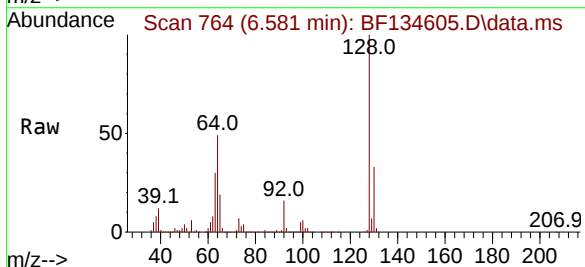
Tgt Ion:128 Resp: 608804

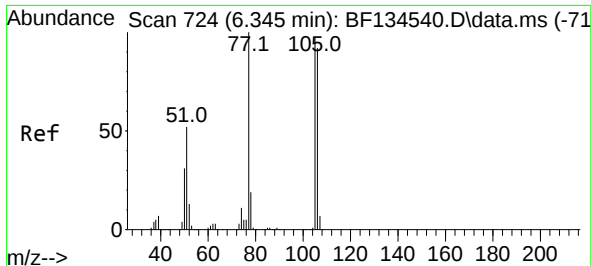
Ion Ratio Lower Upper

128 100

130 32.9 11.1 51.1

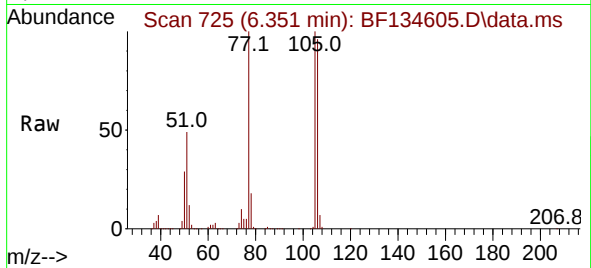
64 48.7 31.9 71.9





#9
Benzaldehyde
Concen: 43.962 ng
RT: 6.351 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

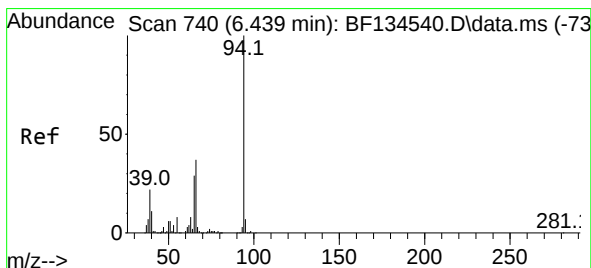
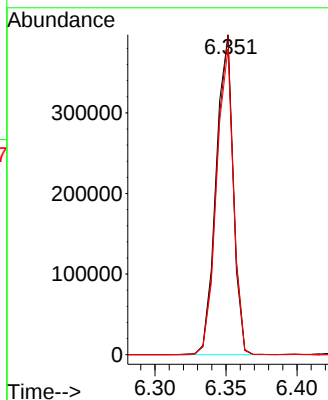
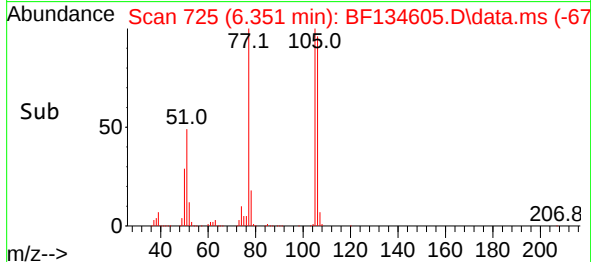
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 331145
Ion Ratio Lower Upper
77 100
105 100.4 77.1 117.1
106 96.0 71.4 111.4

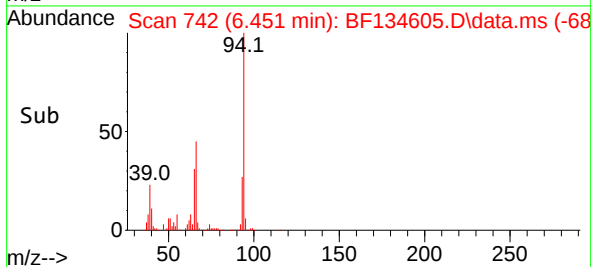
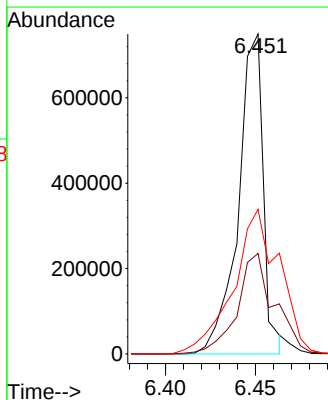
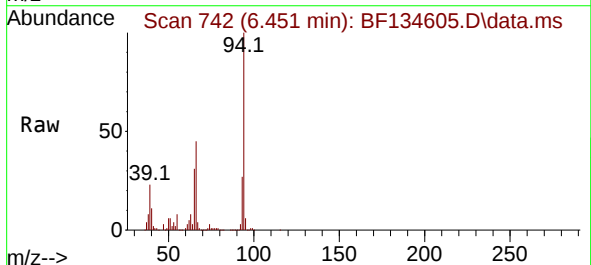
Manual Integrations
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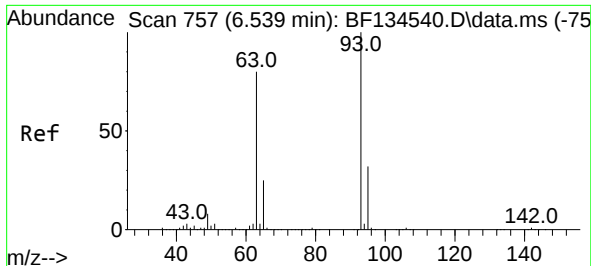
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#10
Phenol
Concen: 45.332 ng m
RT: 6.451 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion: 94 Resp: 726431
Ion Ratio Lower Upper
94 100
65 31.4 17.8 57.8
66 45.2 35.2 75.2





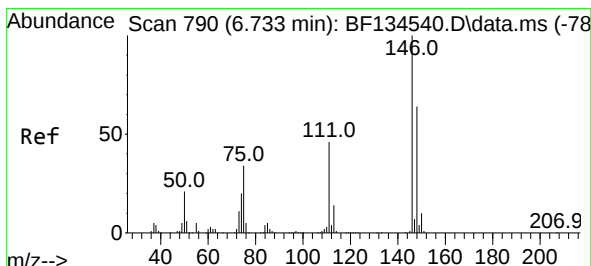
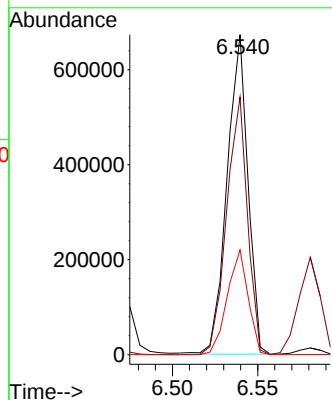
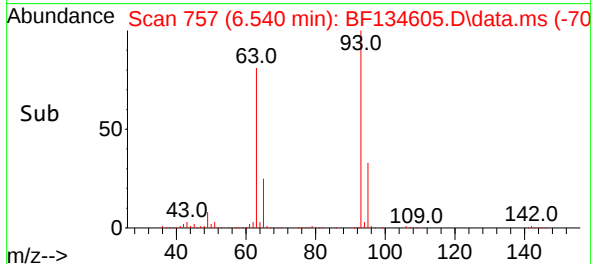
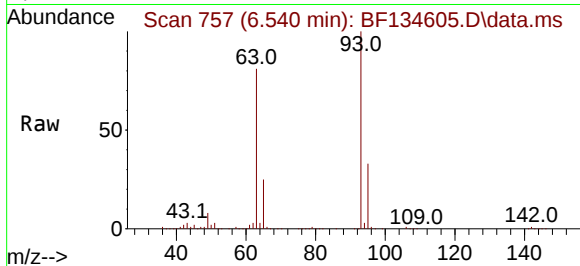
#11
bis(2-Chloroethyl)ether
Concen: 44.985 ng
RT: 6.540 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

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

Tgt Ion: 93 Resp: 572644
Ion Ratio Lower Upper
93 100
63 80.5 68.4 108.4
95 32.7 12.4 52.4

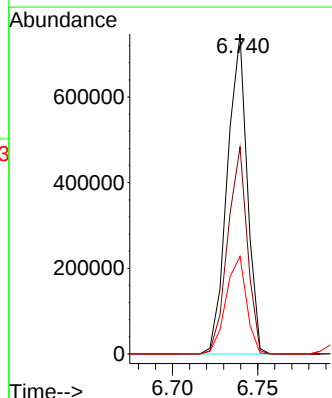
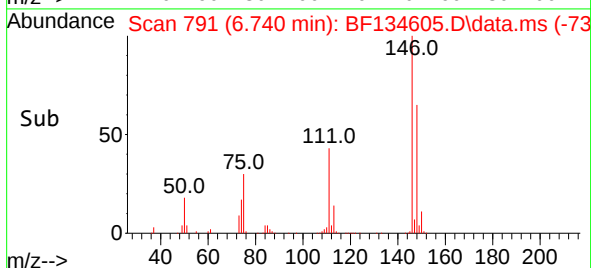
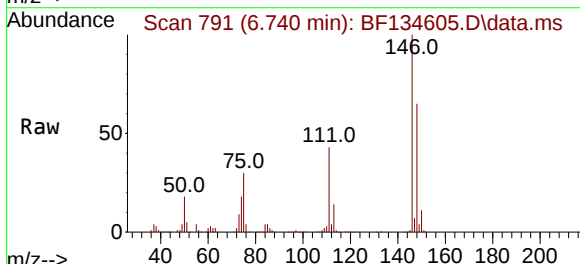
Manual Integrations
APPROVED

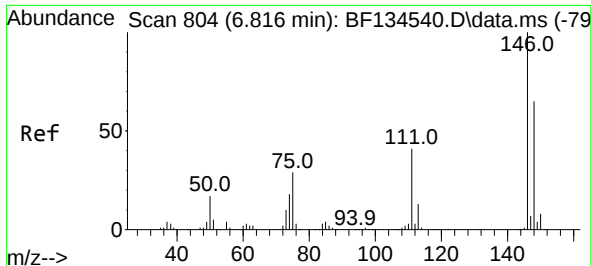
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#12
1,3-Dichlorobenzene
Concen: 45.872 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:146 Resp: 609026
Ion Ratio Lower Upper
146 100
148 64.7 49.7 74.5
75 30.5 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 46.266 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

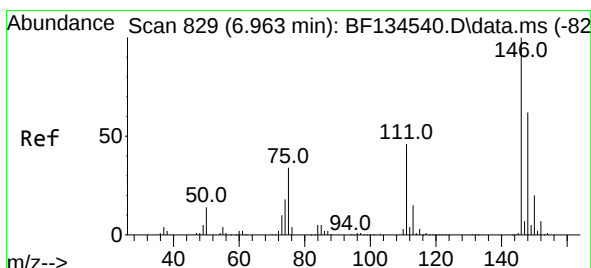
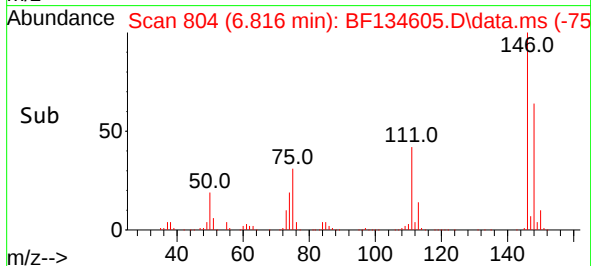
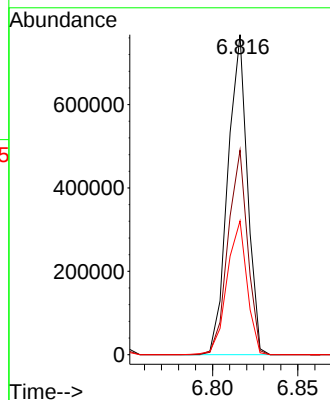
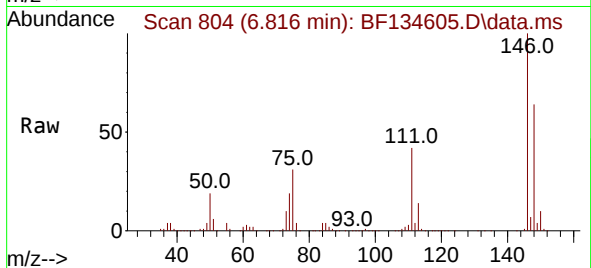
SB-21-16-18-20230719MS

Tgt Ion:146 Resp: 615620
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.3 76.9
 111 41.8 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: 47.600 ng

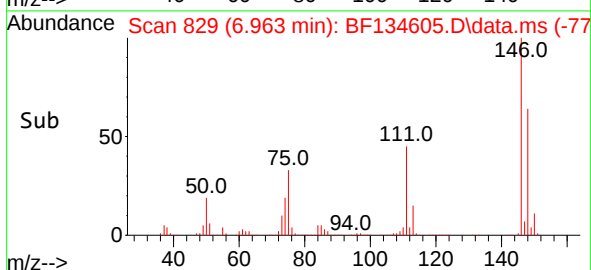
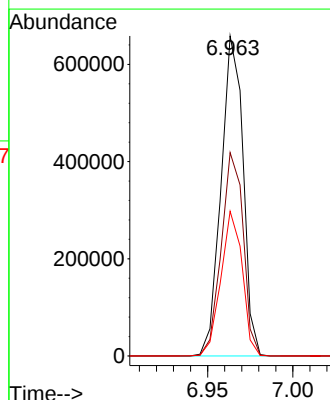
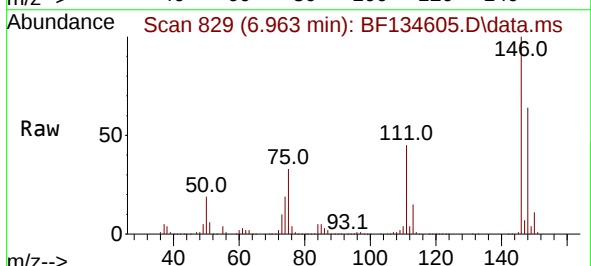
RT: 6.963 min Scan# 829

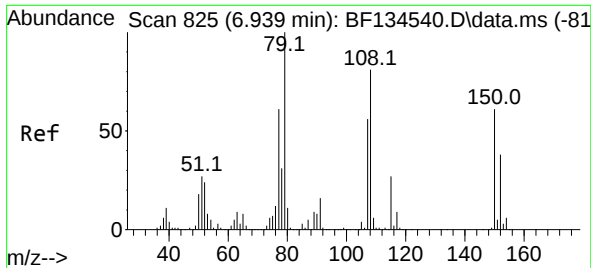
Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

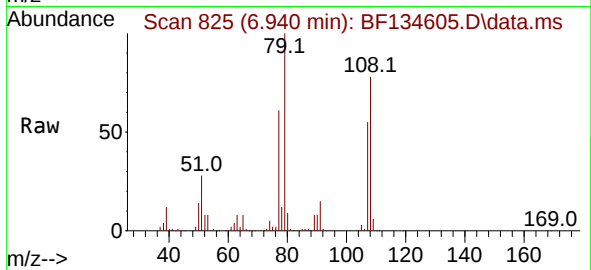
Tgt Ion:146 Resp: 590134
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 45.2 39.9 59.9





#15
Benzyl Alcohol
Concen: 45.999 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

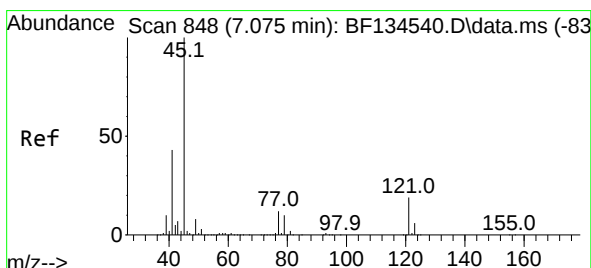
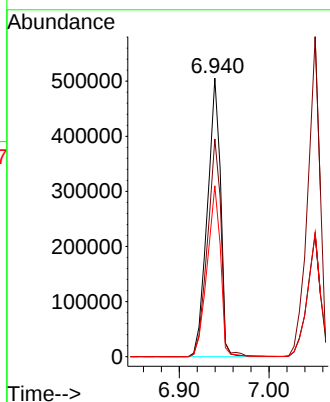
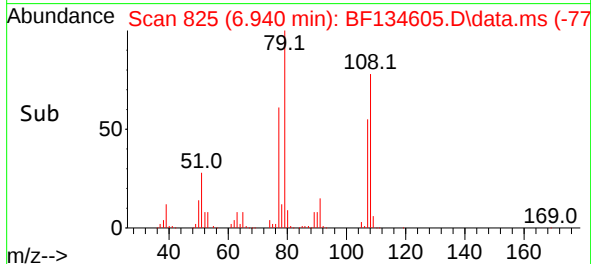
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion: 79 Resp: 51602
Ion Ratio Lower Upper
79 100
108 78.2 56.3 84.5
77 61.3 50.6 76.0

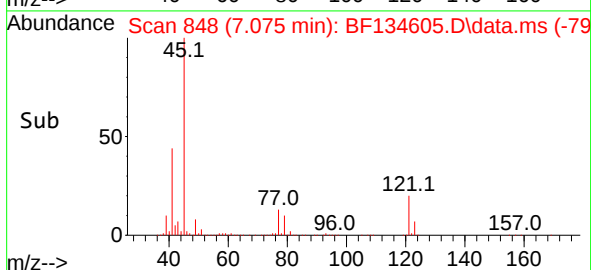
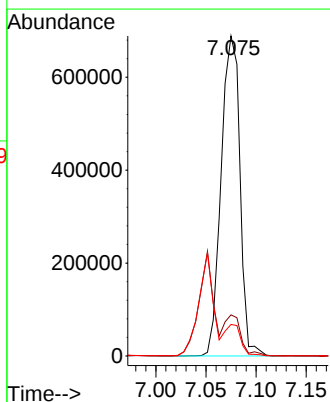
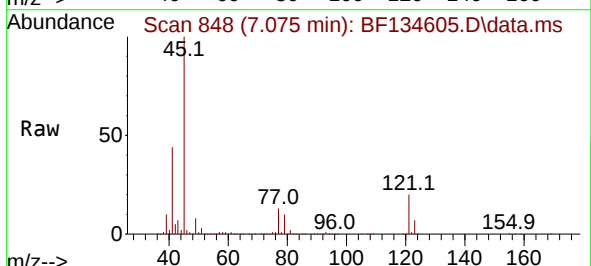
Manual Integrations
APPROVED

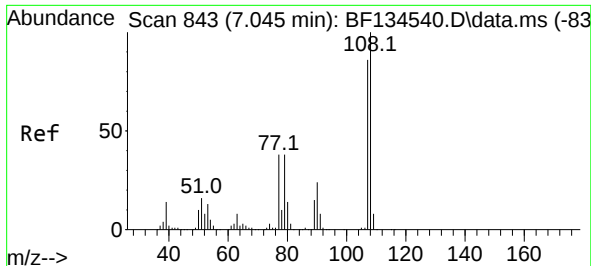
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.872 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

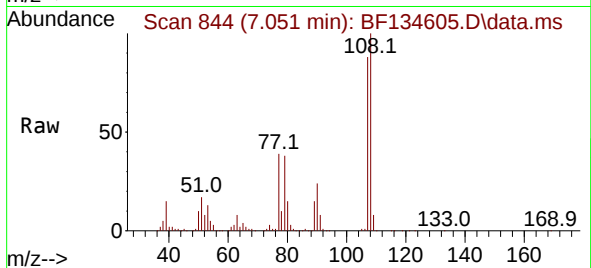
Tgt Ion: 45 Resp: 894891
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 9.8 0.0 34.5





#17
2-Methylphenol
Concen: 42.494 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

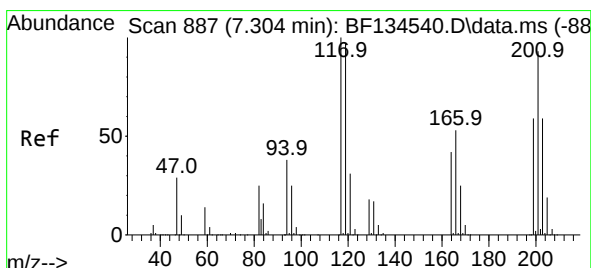
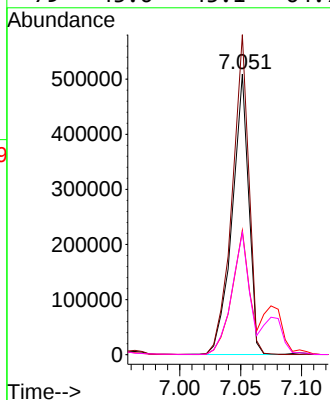
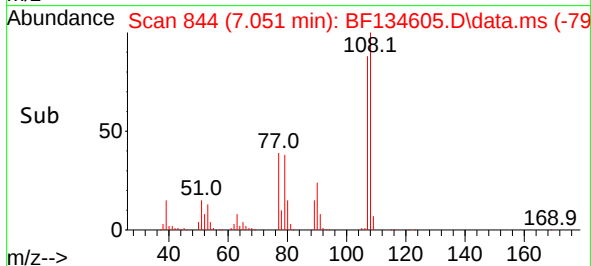
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:107 Resp: 48185
Ion Ratio Lower Upper
107 100
108 114.0 89.4 134.2
77 44.3 42.4 63.6
79 43.6 43.1 64.7

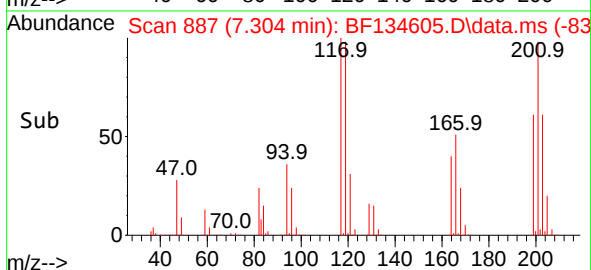
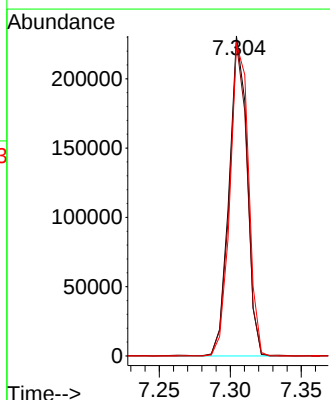
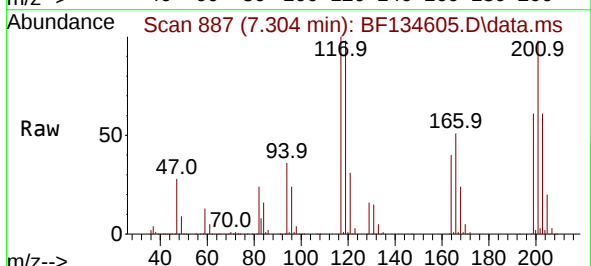
Manual Integrations
APPROVED

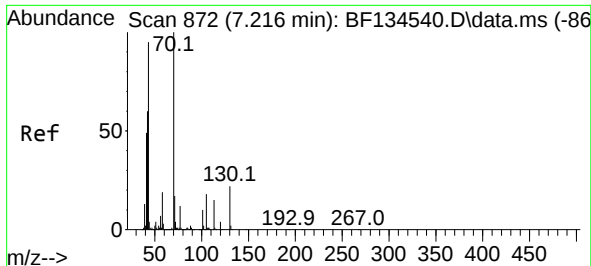
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#18
Hexachloroethane
Concen: 43.584 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

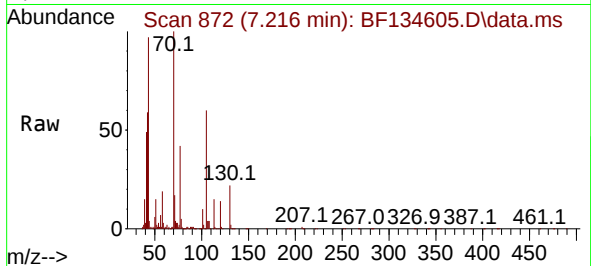
Tgt Ion:117 Resp: 203536
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
201 97.6 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.266 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

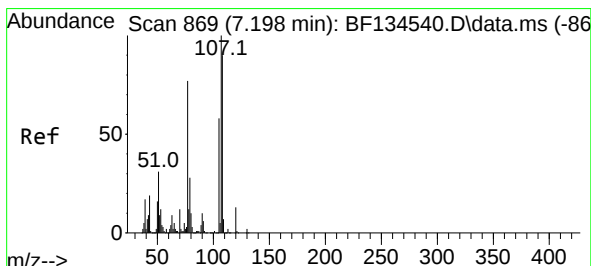
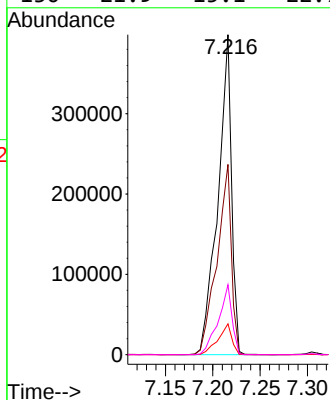
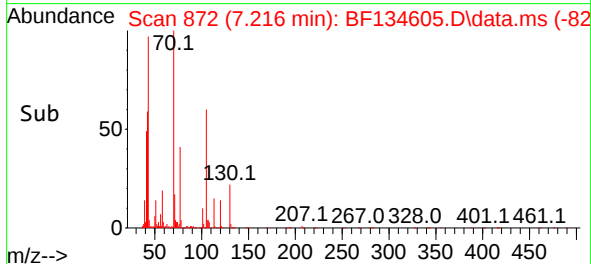
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion: 70 Resp: 40176
Ion Ratio Lower Upper
70 100
42 59.4 54.7 82.1
101 9.7 8.2 12.2
130 21.9 15.1 22.7

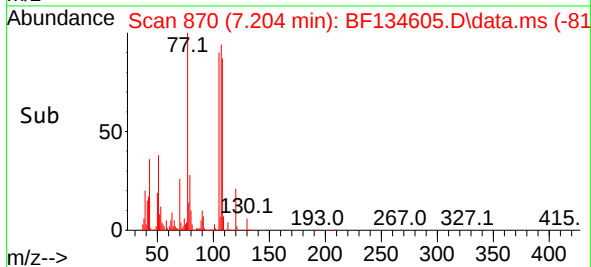
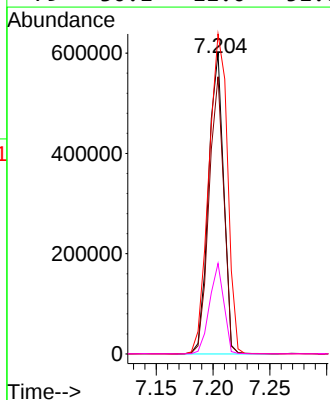
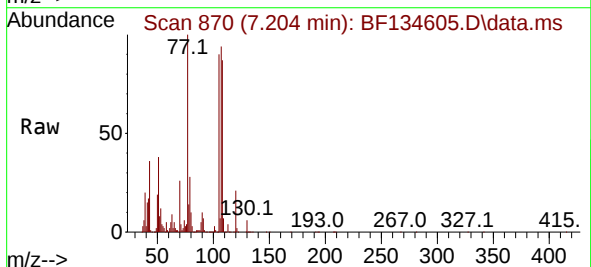
Manual Integrations
APPROVED

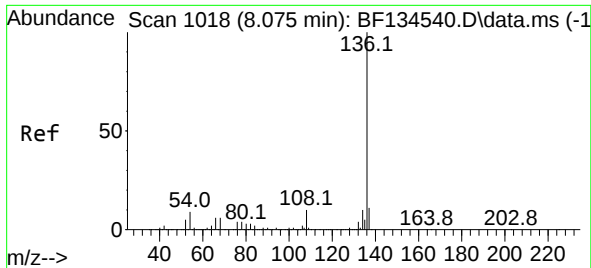
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#20
3+4-Methylphenols
Concen: 40.532 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

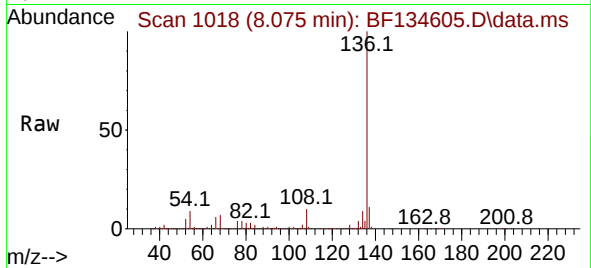
Tgt Ion:107 Resp: 554283
Ion Ratio Lower Upper
107 100
108 92.1 68.1 108.1
77 106.2 122.1 162.1#
79 30.1 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

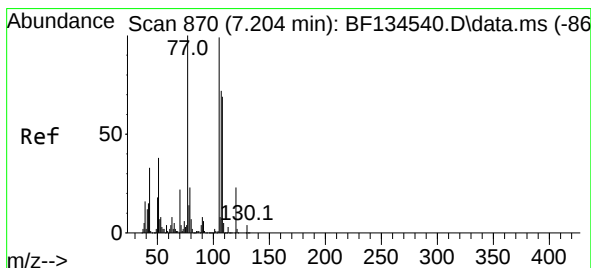
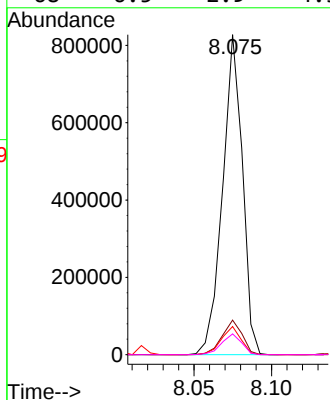
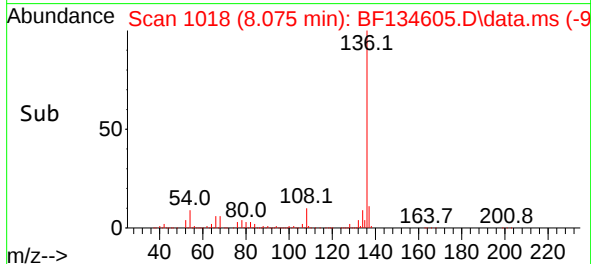
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:136 Resp: 73656
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.8 5.2 7.8
68 6.5 2.9 4.3#

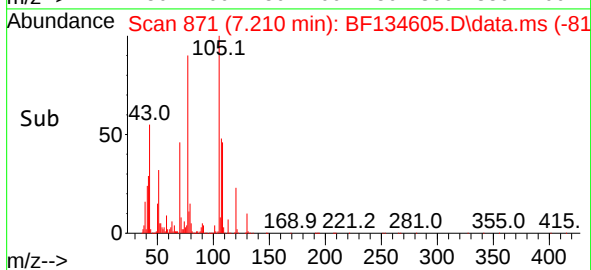
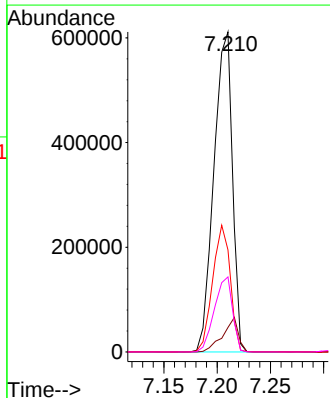
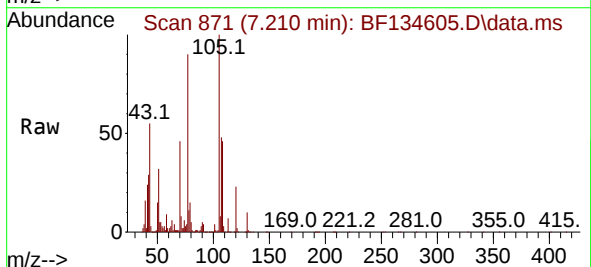
Manual Integrations
APPROVED

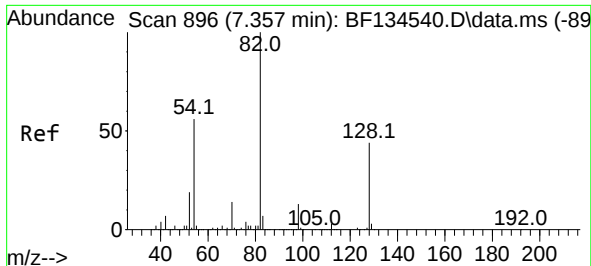
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#22
Acetophenone
Concen: 43.331 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:105 Resp: 736813
Ion Ratio Lower Upper
105 100
71 7.7 7.4 11.0
51 31.9 36.4 54.6#
120 23.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 97.909 ng

RT: 7.363 min Scan# 896

Delta R.T. 0.006 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS

Tgt Ion: 82 Resp: 115398

Ion Ratio Lower Upper

82 100

128 45.7 34.3 51.5

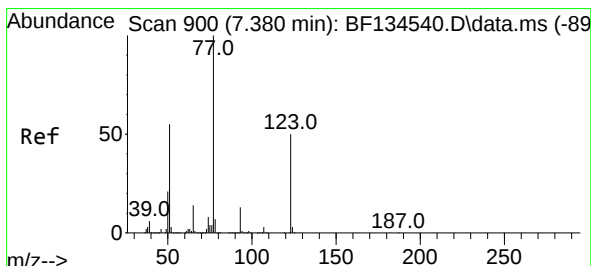
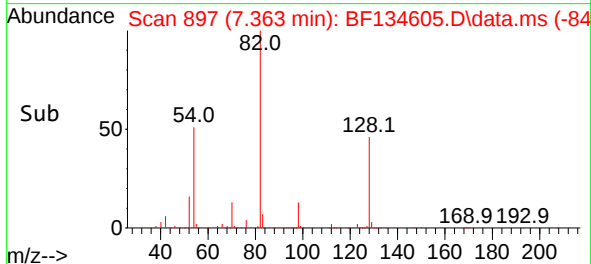
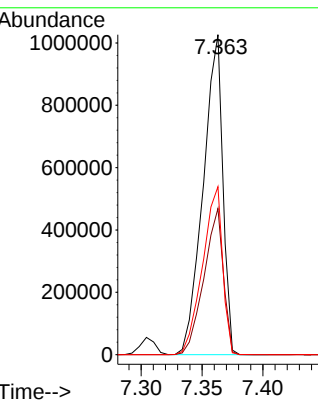
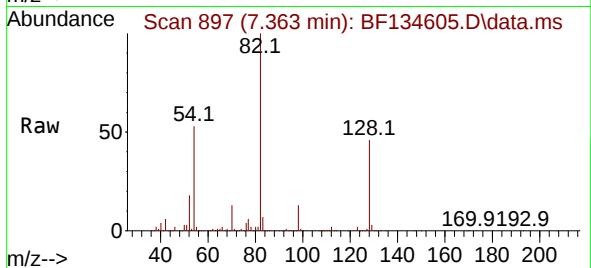
54 52.5 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#24

Nitrobenzene

Concen: 46.952 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

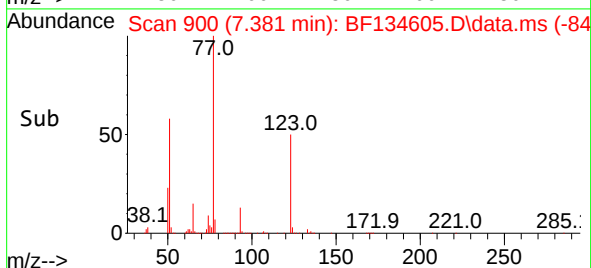
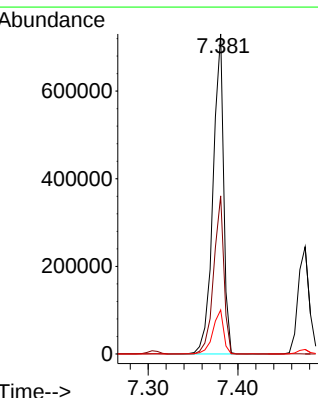
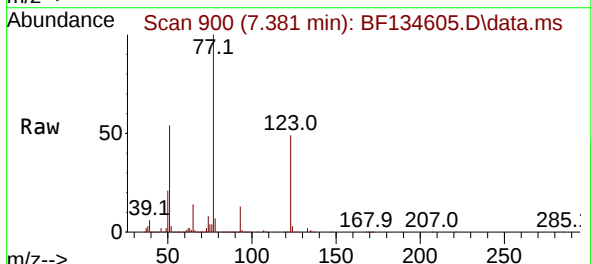
Tgt Ion: 77 Resp: 597851

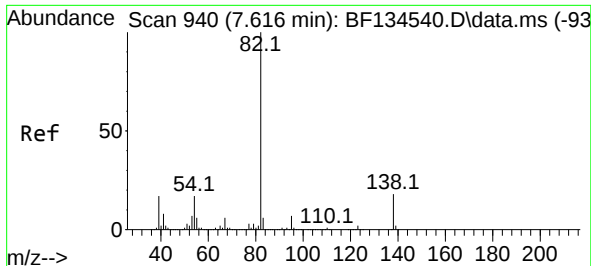
Ion Ratio Lower Upper

77 100

123 49.4 35.5 53.3

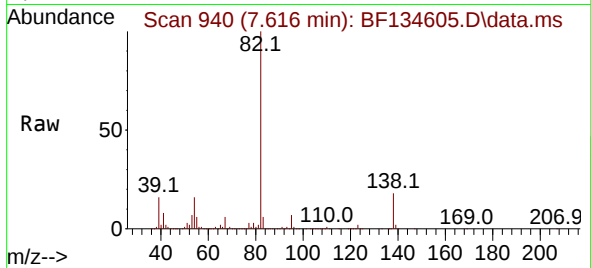
65 13.7 11.9 17.9





#25
Isophorone
Concen: 43.390 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

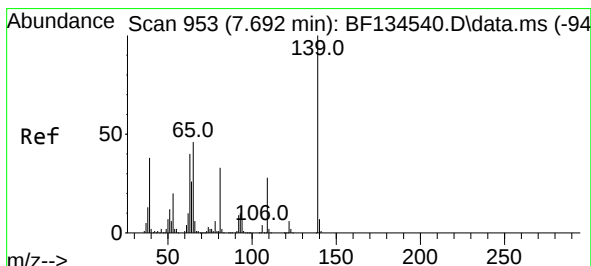
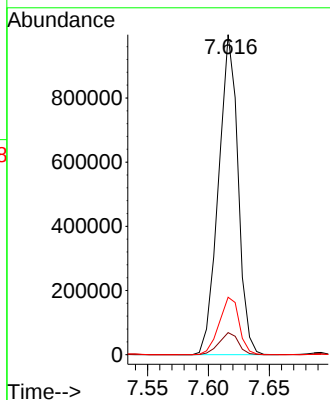
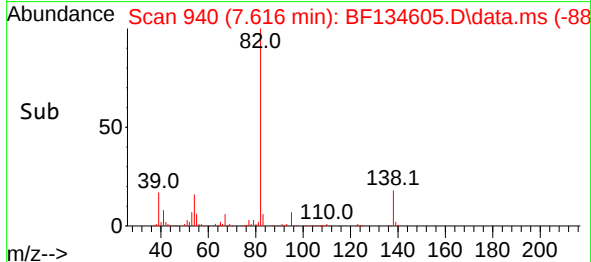
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion: 82 Resp: 111542
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 18.0 14.6 22.0

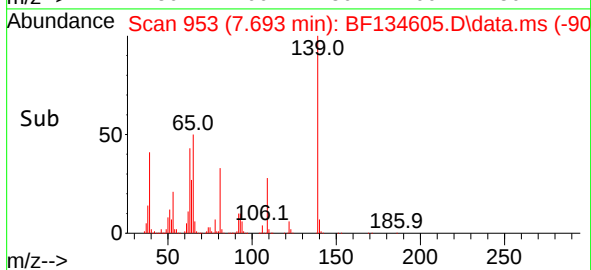
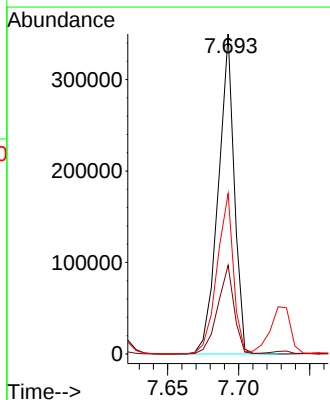
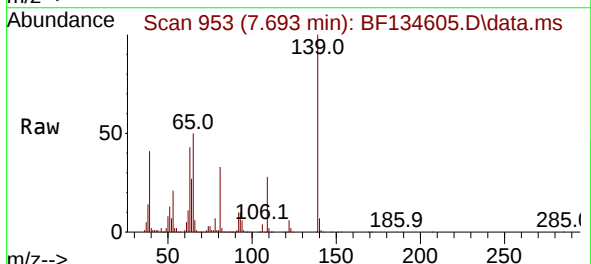
Manual Integrations
APPROVED

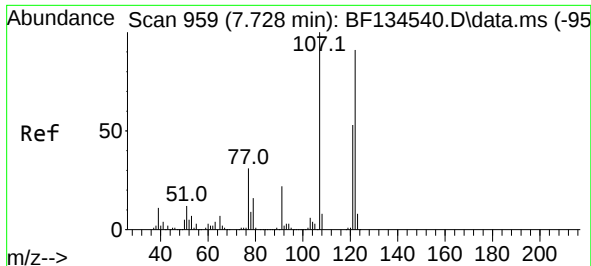
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#26
2-Nitrophenol
Concen: 50.446 ng
RT: 7.693 min Scan# 953
Delta R.T. 0.001 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:139 Resp: 274804
Ion Ratio Lower Upper
139 100
109 27.7 29.8 44.6#
65 50.1 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 45.451 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134605.D

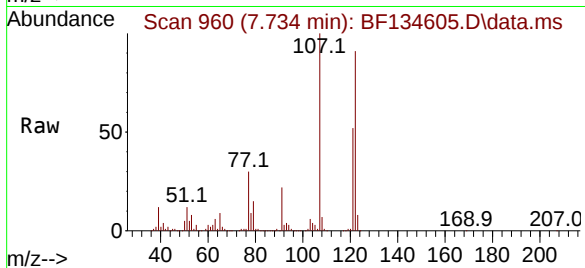
Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS



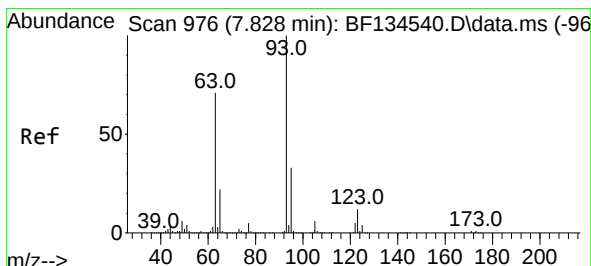
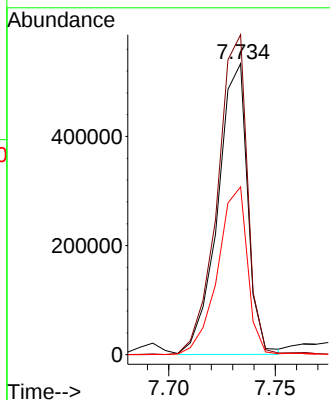
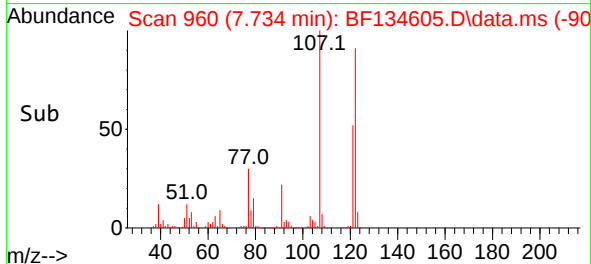
Tgt Ion:	122	Resp:	52134
Ion	Ratio	Lower	Upper
122	100		
107	110.0	106.7	160.1
121	57.7	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.696 ng

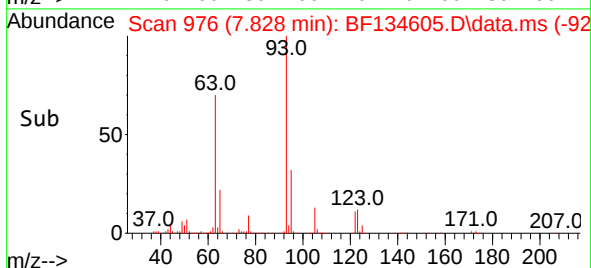
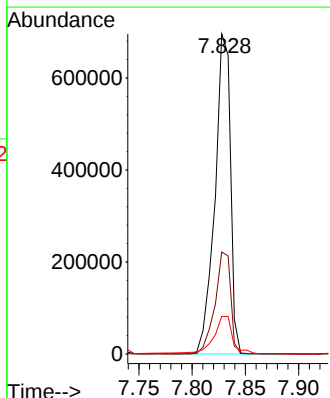
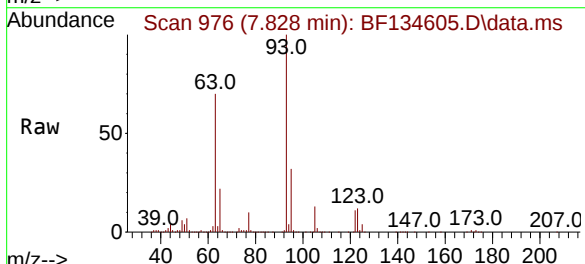
RT: 7.828 min Scan# 976

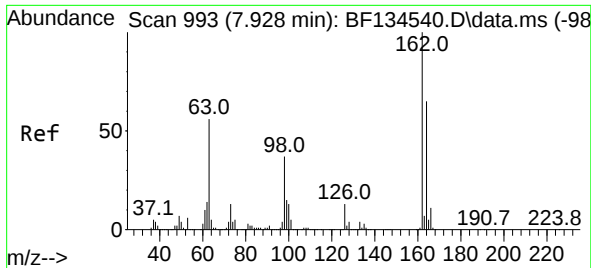
Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

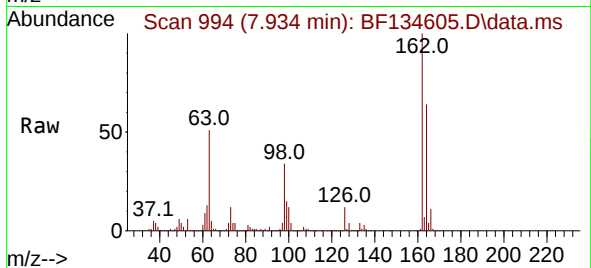
Tgt Ion:	93	Resp:	702714
Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.5	39.7
123	11.7	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 44.471 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

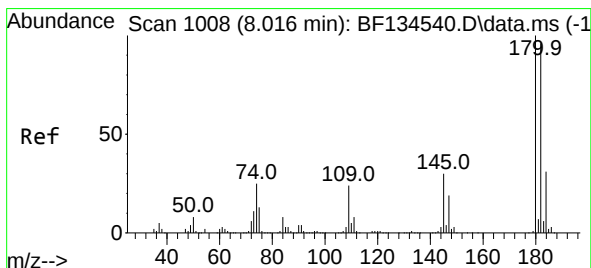
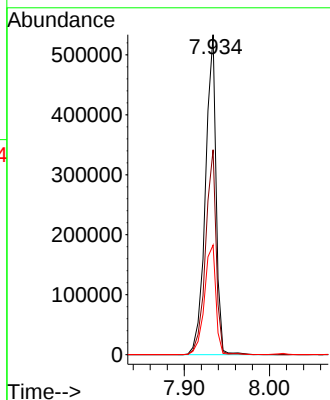
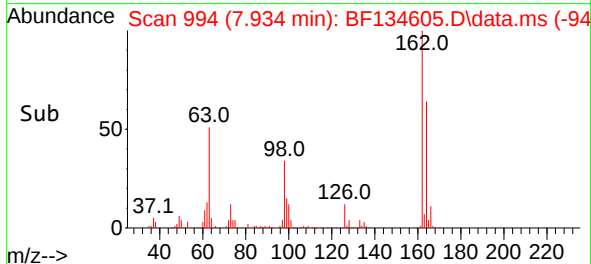
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:162 Resp: 46297
Ion Ratio Lower Upper
162 100
164 64.1 42.2 82.2
98 34.2 15.5 55.5

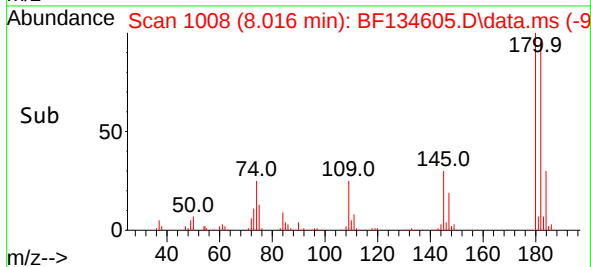
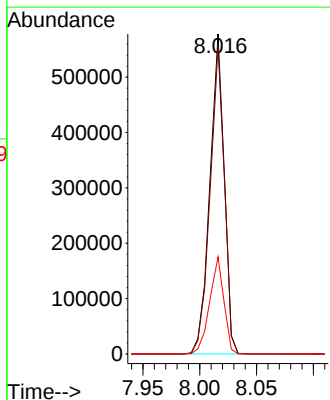
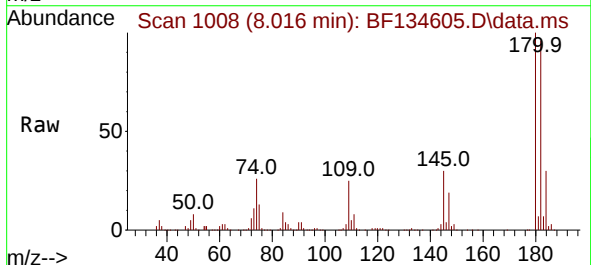
Manual Integrations
APPROVED

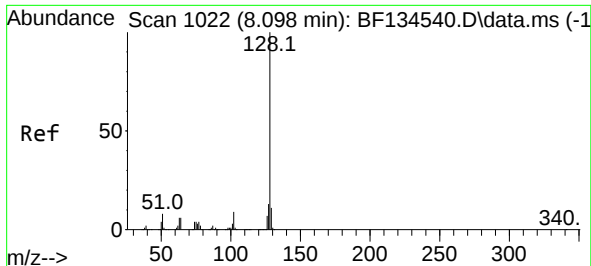
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.645 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

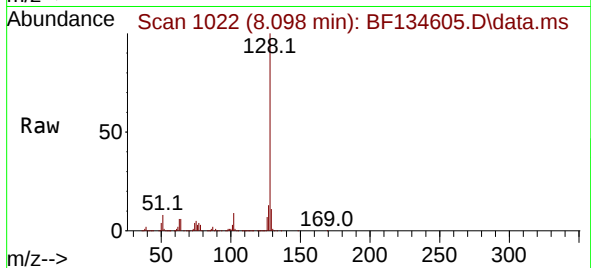
Tgt Ion:180 Resp: 506729
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
145 30.4 25.5 38.3





#31
Naphthalene
Concen: 42.647 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

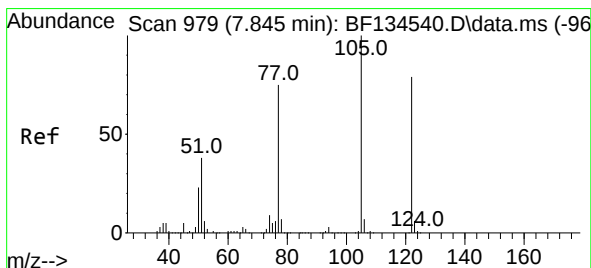
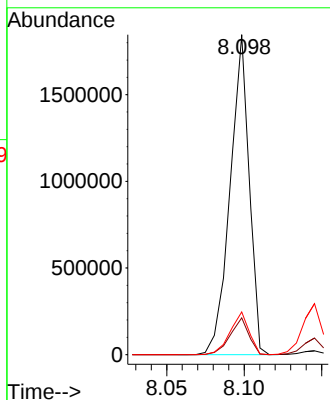
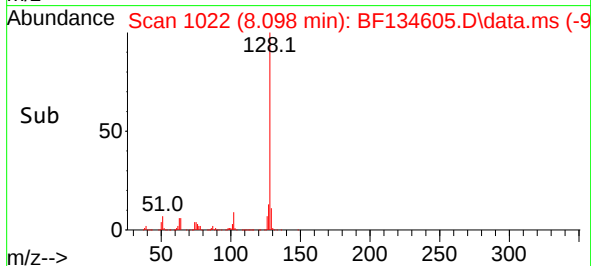
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:128 Resp: 1578700
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.4 10.7 16.1

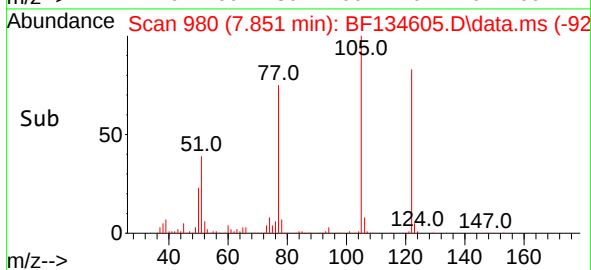
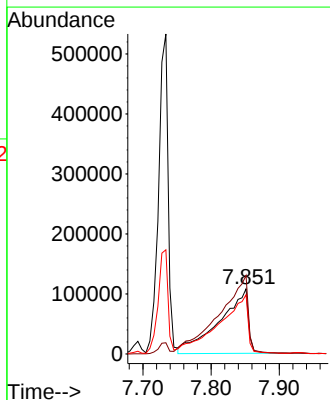
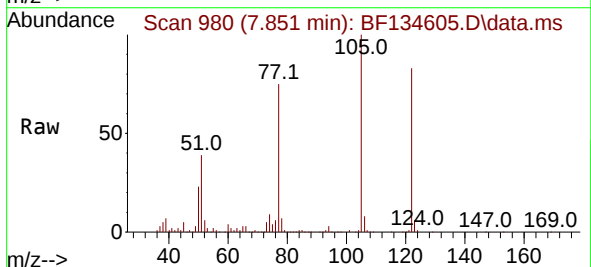
Manual Integrations
APPROVED

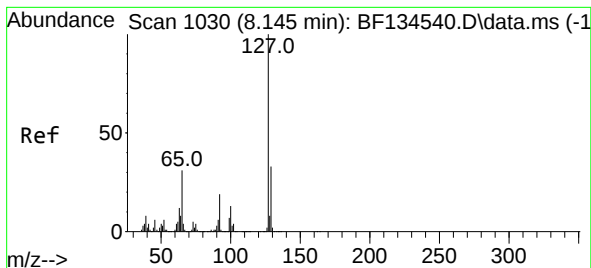
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#32
Benzoic acid
Concen: 43.222 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:122 Resp: 316398
Ion Ratio Lower Upper
122 100
105 120.6 87.5 127.5
77 90.8 71.4 111.4





#33

4-Chloroaniline

Concen: 16.191 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF134605.D

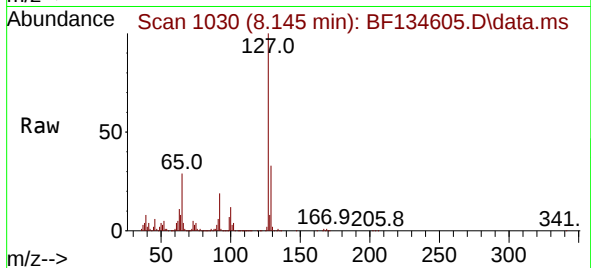
Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS



Tgt Ion:127 Resp: 267060

Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 29.1 25.4 38.0

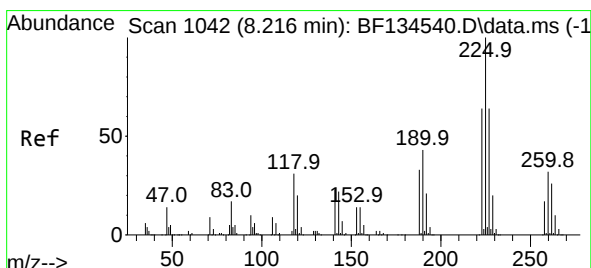
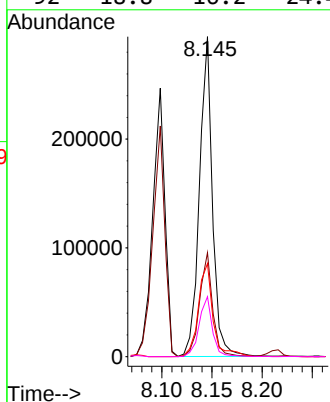
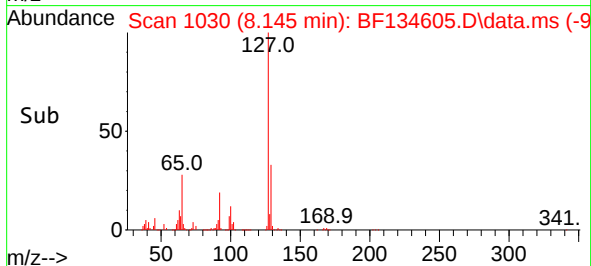
92 18.8 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#34

Hexachlorobutadiene

Concen: 45.665 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

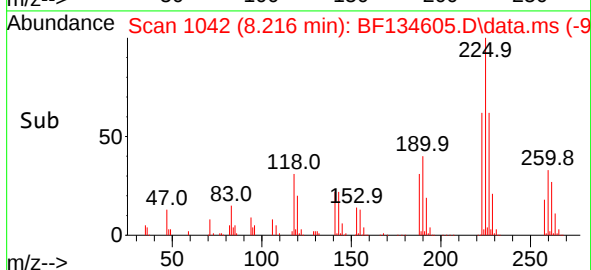
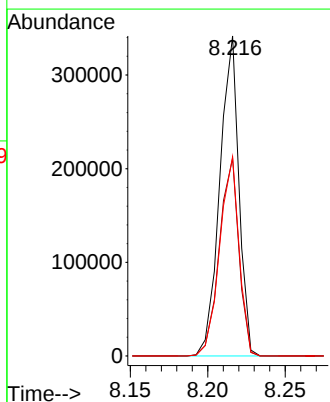
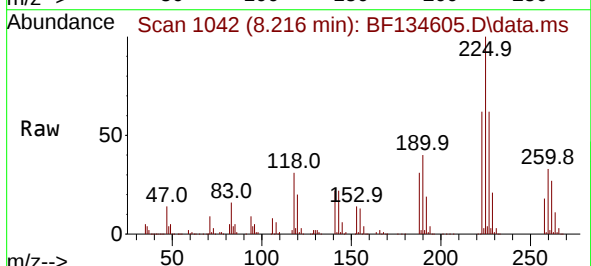
Tgt Ion:225 Resp: 292422

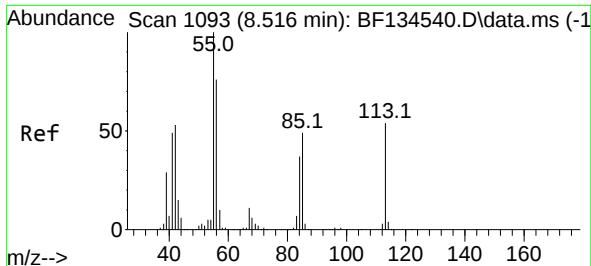
Ion Ratio Lower Upper

225 100

223 61.7 48.2 72.4

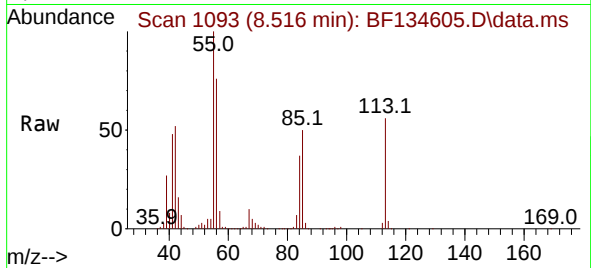
227 62.3 48.5 72.7





#35
Caprolactam
Concen: 43.686 ng m
RT: 8.516 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

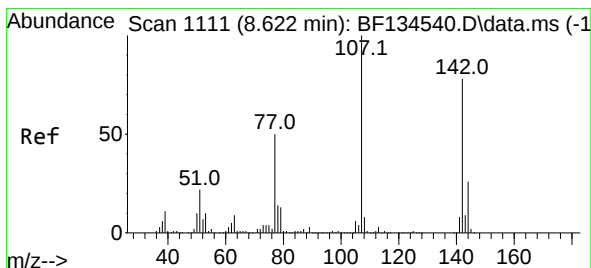
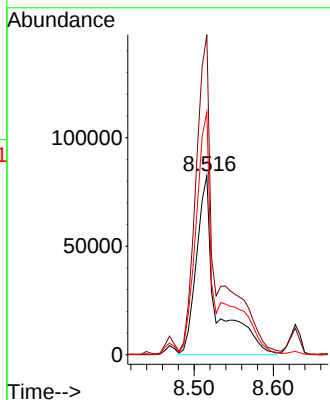
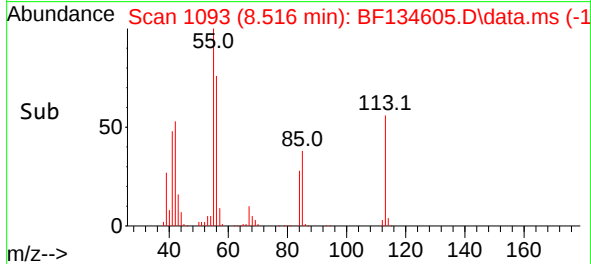
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:113 Resp: 146732
Ion Ratio Lower Upper
113 100
55 178.7 161.5 201.5
56 135.6 117.8 157.8

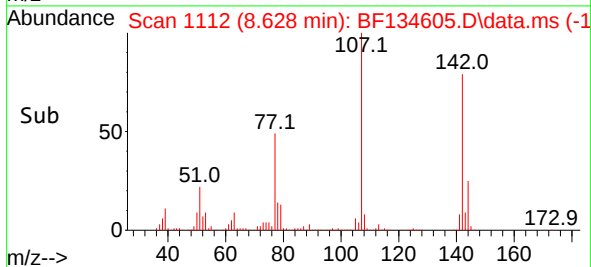
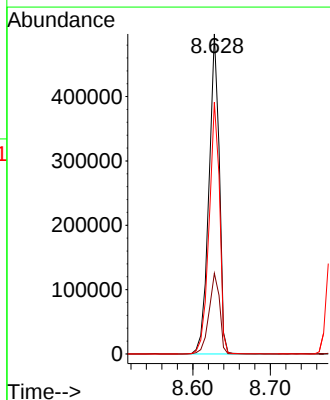
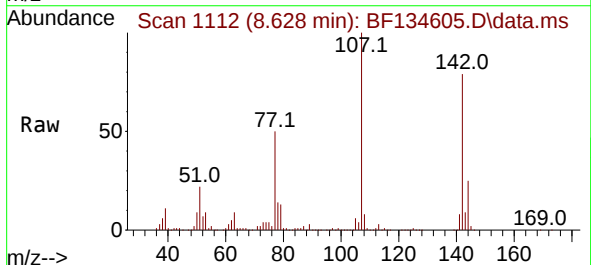
Manual Integrations
APPROVED

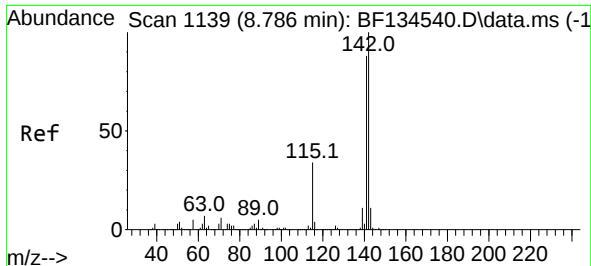
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#36
4-Chloro-3-methylphenol
Concen: 41.762 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:107 Resp: 460438
Ion Ratio Lower Upper
107 100
144 25.2 19.6 29.4
142 78.7 57.7 86.5





#37

2-Methylnaphthalene

Concen: 40.322 ng

RT: 8.787 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS

Tgt Ion:142 Resp: 989375

Ion Ratio Lower Upper

142 100

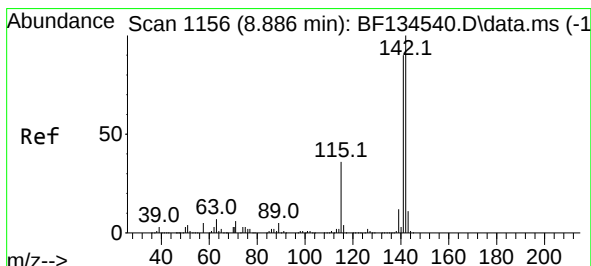
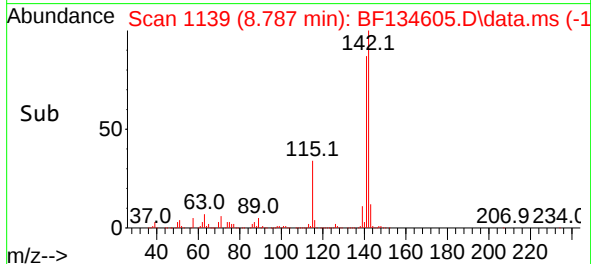
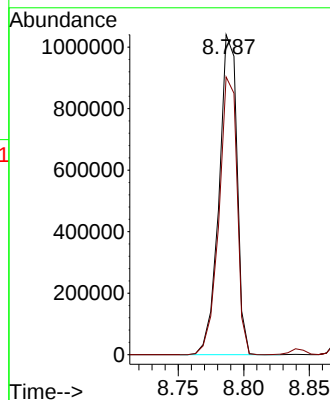
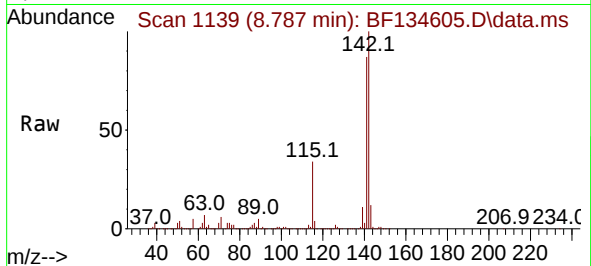
141 86.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#38

1-Methylnaphthalene

Concen: 39.834 ng

RT: 8.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF134605.D

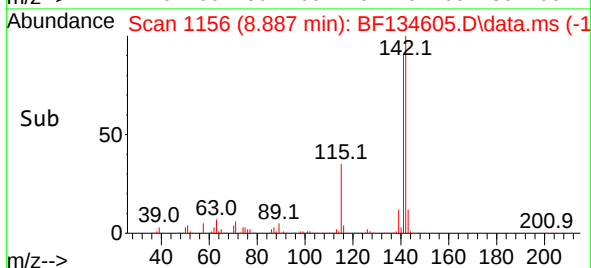
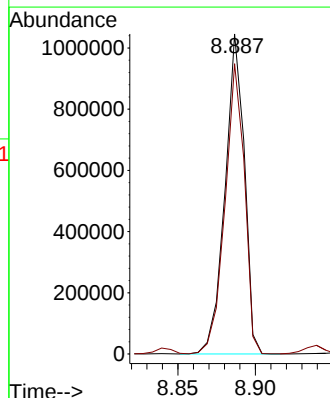
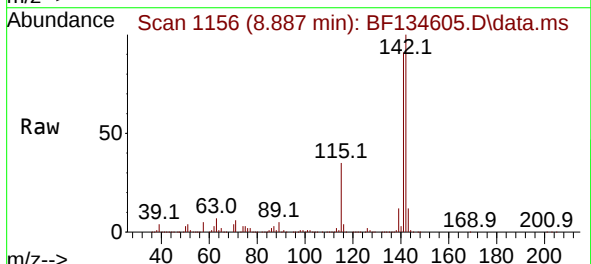
Acq: 03 Aug 2023 11:59

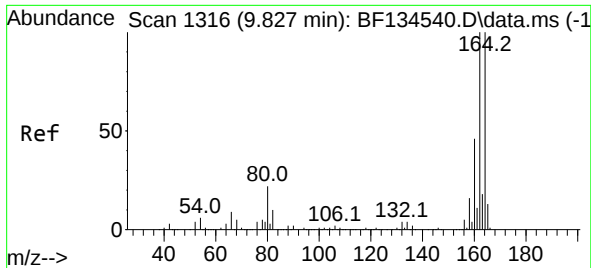
Tgt Ion:142 Resp: 908882

Ion Ratio Lower Upper

142 100

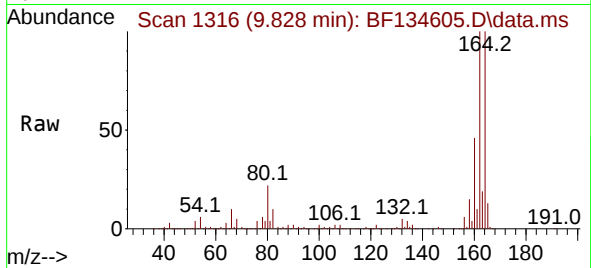
141 90.7 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

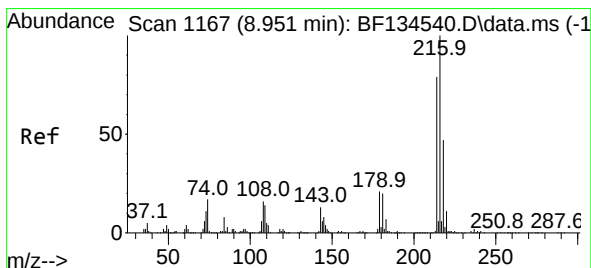
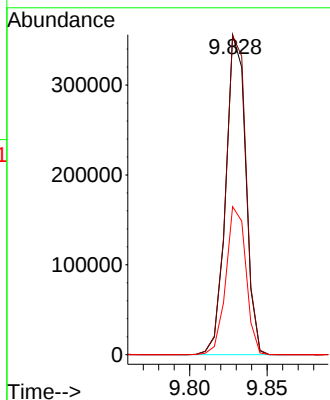
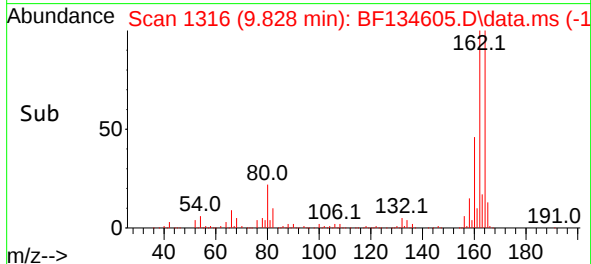
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:164 Resp: 318850
Ion Ratio Lower Upper
164 100
162 99.7 82.6 123.8
160 46.3 37.2 55.8

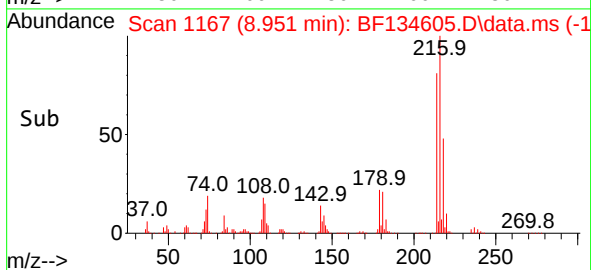
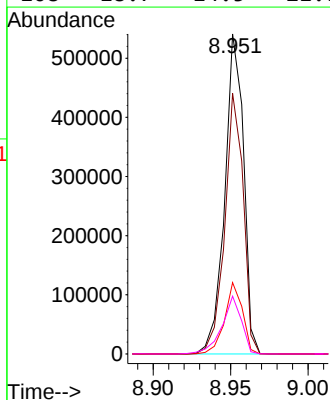
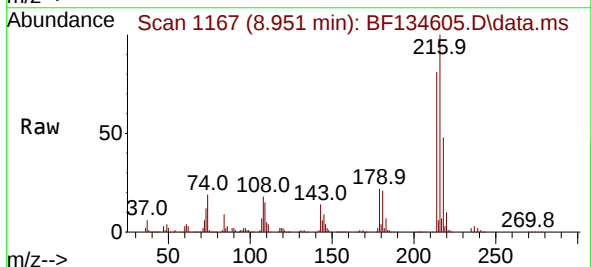
Manual Integrations
APPROVED

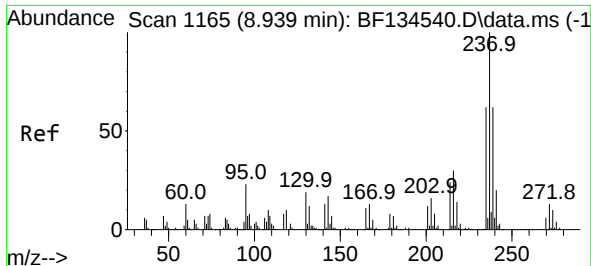
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.338 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

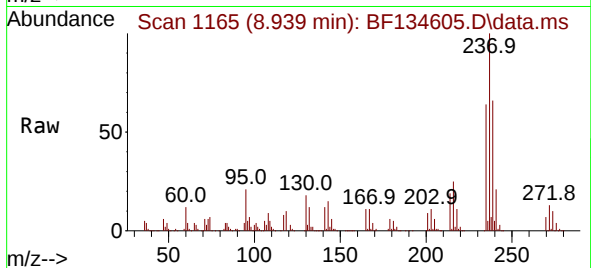
Tgt Ion:216 Resp: 457467
Ion Ratio Lower Upper
216 100
214 79.6 62.3 93.5
179 21.1 17.4 26.0
108 18.7 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 46.089 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

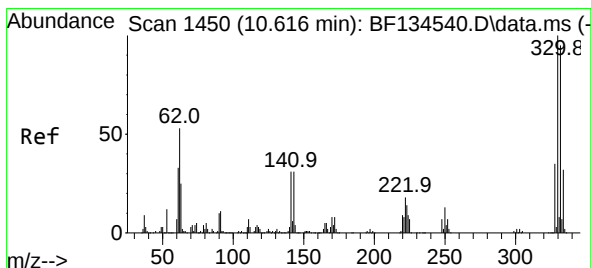
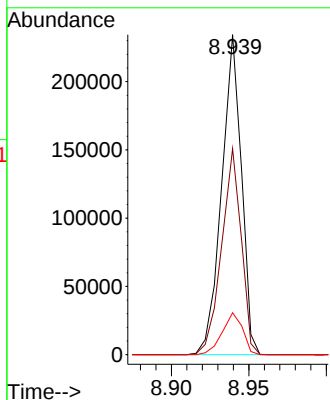
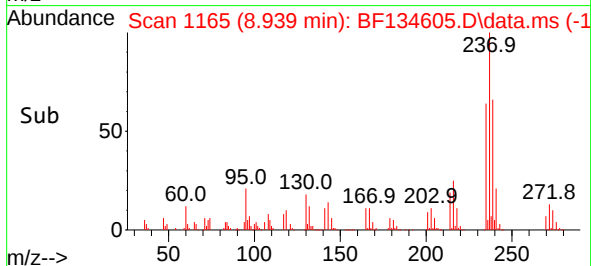
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



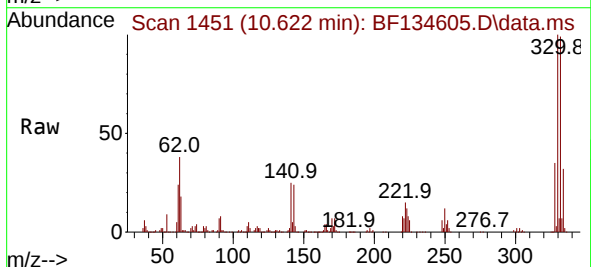
Tgt Ion:237 Resp: 207809
Ion Ratio Lower Upper
237 100
235 64.4 37.0 77.0
272 13.1 0.0 32.7

Manual Integrations
APPROVED

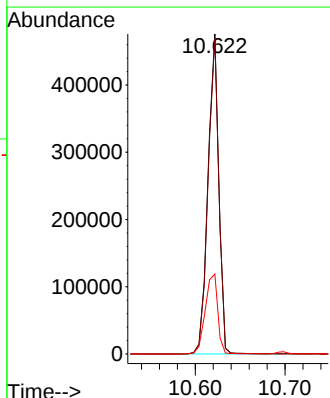
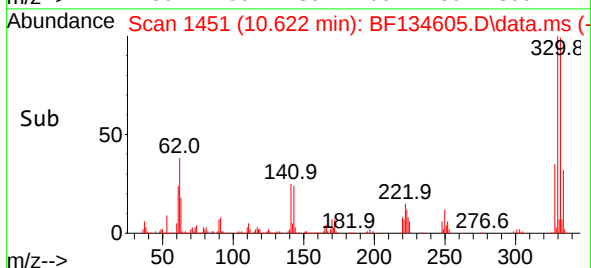
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

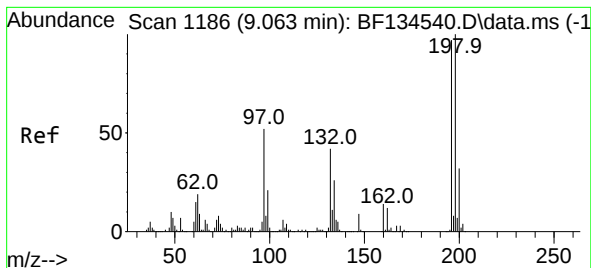


#42
2,4,6-Tribromophenol
Concen: 122.561 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



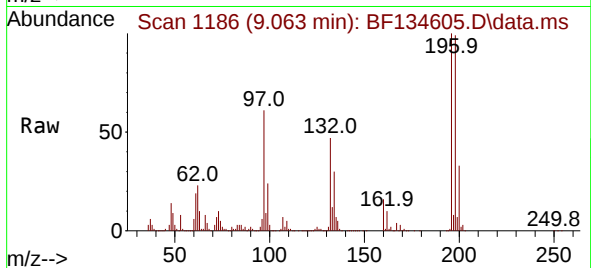
Tgt Ion:330 Resp: 398375
Ion Ratio Lower Upper
330 100
332 98.4 78.8 118.2
141 28.8 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 49.069 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

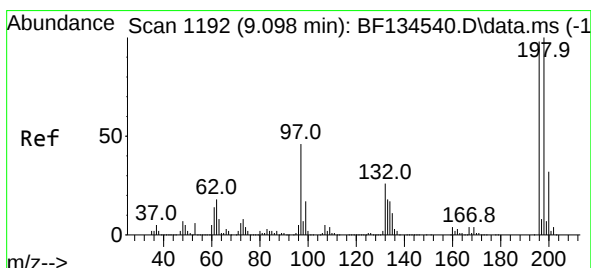
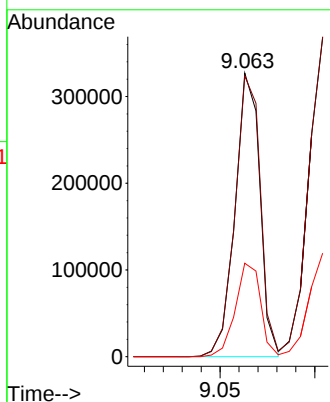
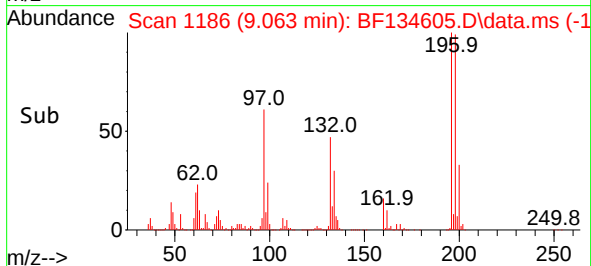
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



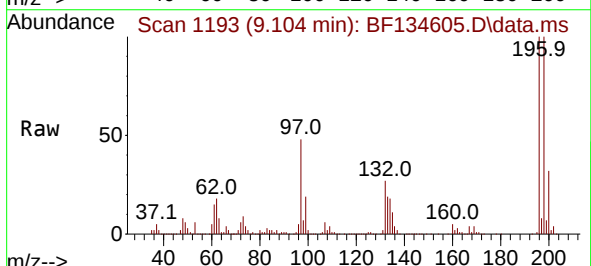
Tgt Ion:196 Resp: 297759
Ion Ratio Lower Upper
196 100
198 98.9 77.4 116.2
200 32.9 25.4 38.2

Manual Integrations
APPROVED

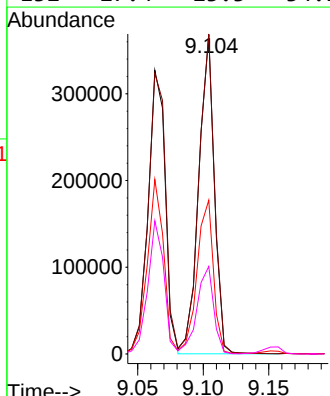
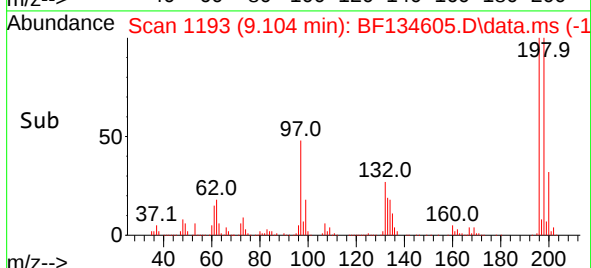
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

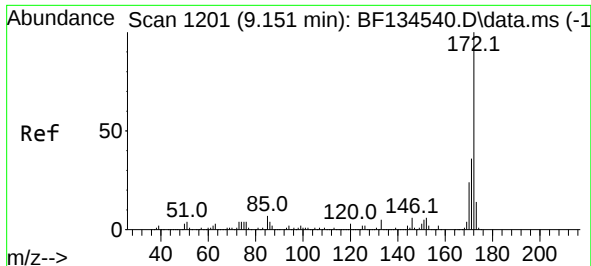


#44
2,4,5-Trichlorophenol
Concen: 43.996 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



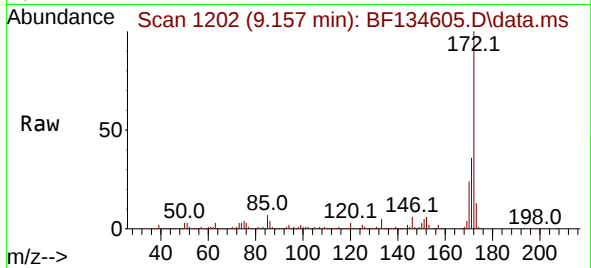
Tgt Ion:196 Resp: 305133
Ion Ratio Lower Upper
196 100
198 100.2 73.0 109.4
97 48.2 40.8 61.2
132 27.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 96.113 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

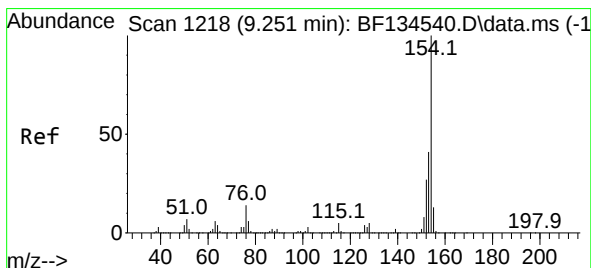
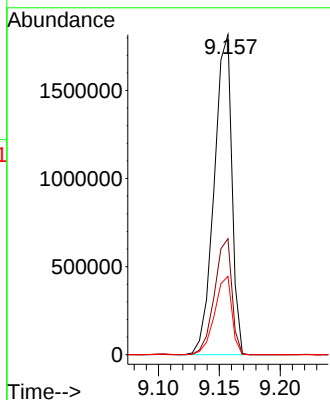
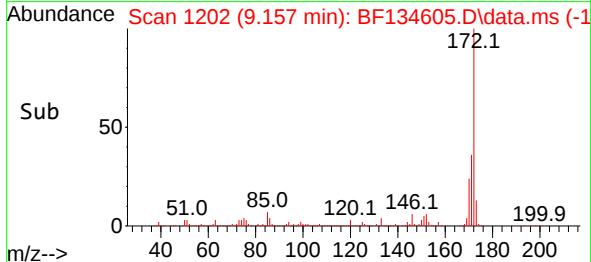
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



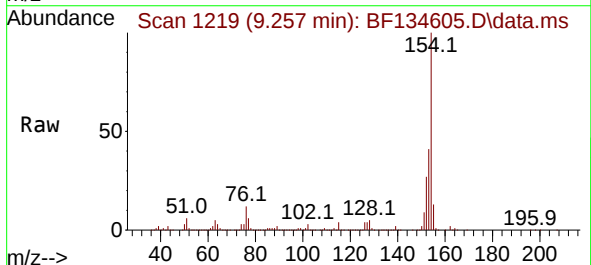
Tgt Ion:172 Resp: 184316
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.4 18.7 28.1

Manual Integrations
APPROVED

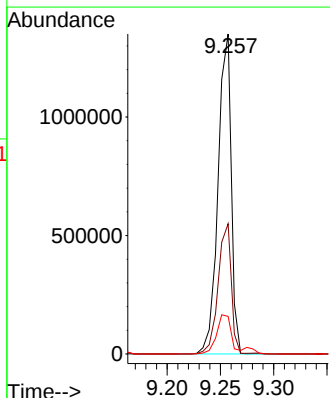
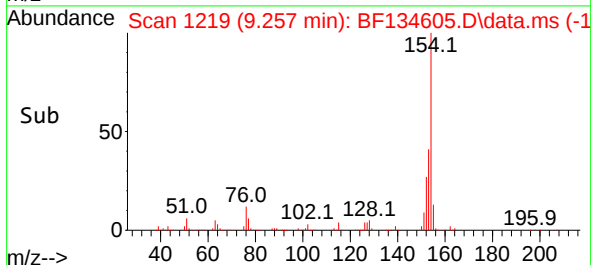
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

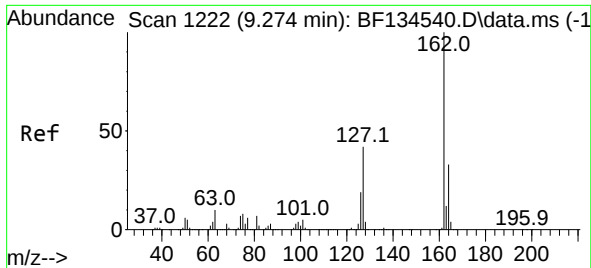


#46
1,1'-Biphenyl
Concen: 46.705 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



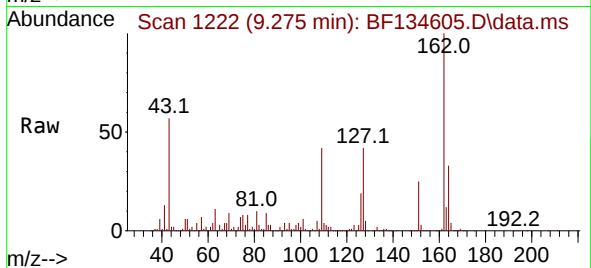
Tgt Ion:154 Resp: 1158068
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 11.7 0.0 30.2





#47
2-Chloronaphthalene
Concen: 40.865 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

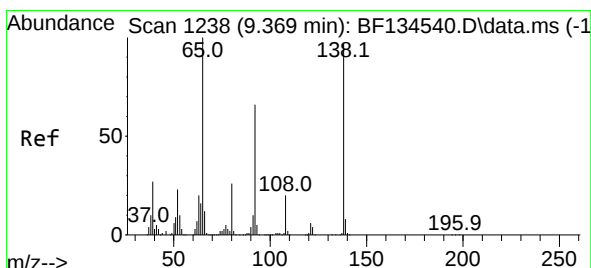
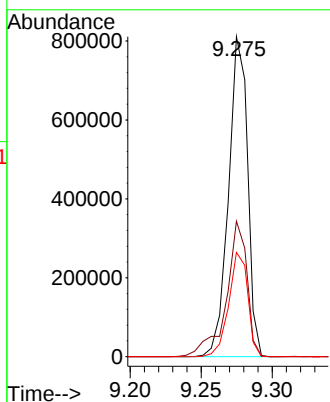
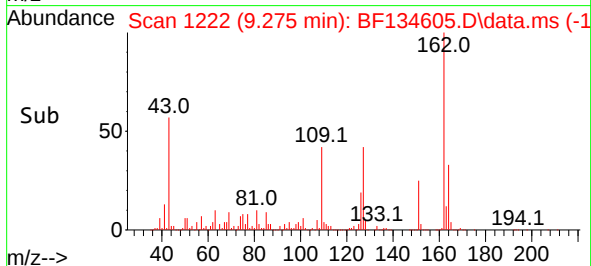
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



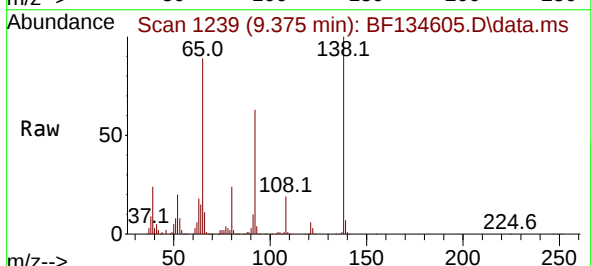
Tgt Ion: 162 Resp: 759228
Ion Ratio Lower Upper
162 100
127 42.3 34.0 51.0
164 32.6 25.7 38.5

Manual Integrations
APPROVED

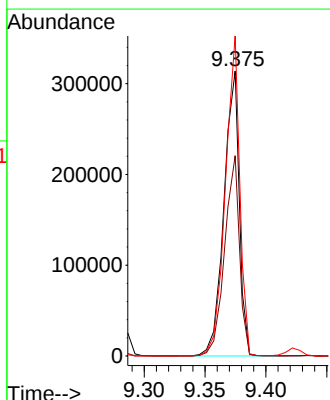
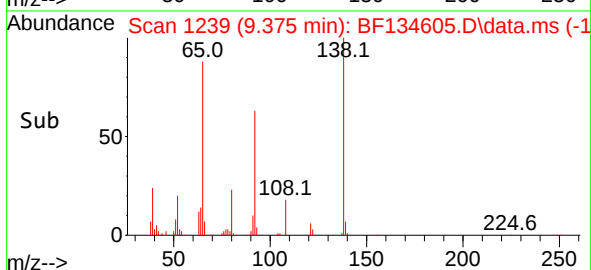
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

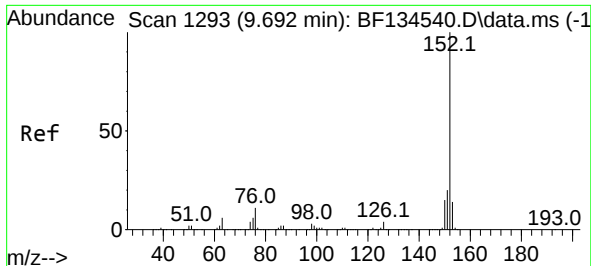


#48
2-Nitroaniline
Concen: 47.505 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



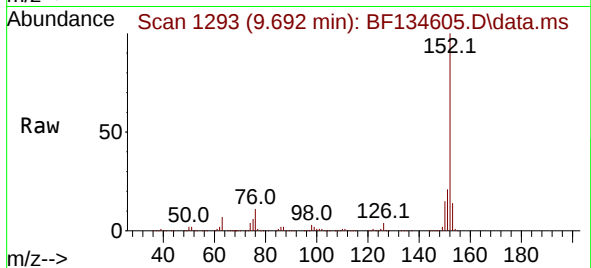
Tgt Ion: 65 Resp: 274959
Ion Ratio Lower Upper
65 100
92 70.3 50.7 76.1
138 112.3 78.2 117.4





#49
Acenaphthylene
Concen: 43.804 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

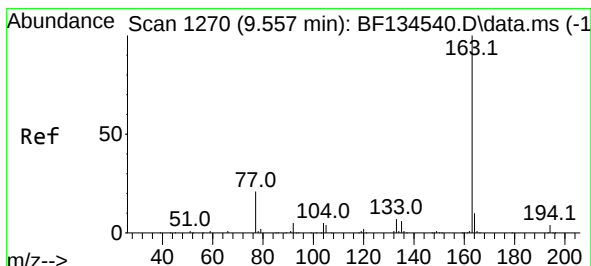
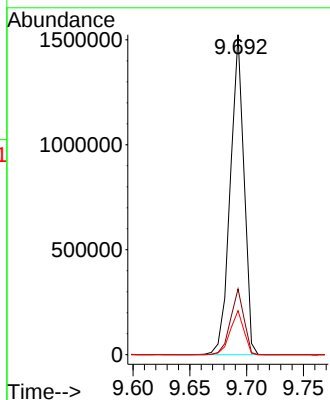
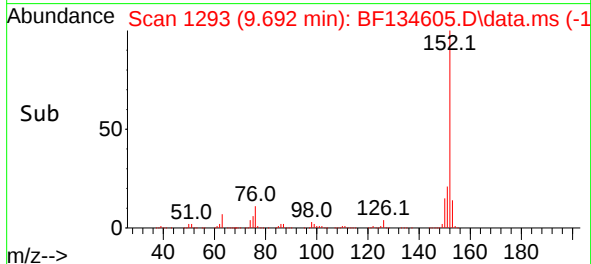
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



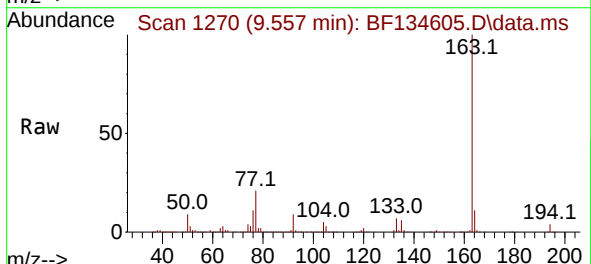
Tgt Ion:152 Resp: 127926
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 10.9 16.3

Manual Integrations
APPROVED

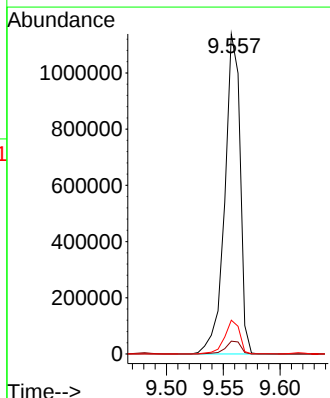
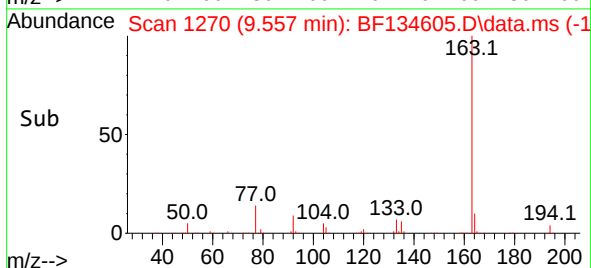
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

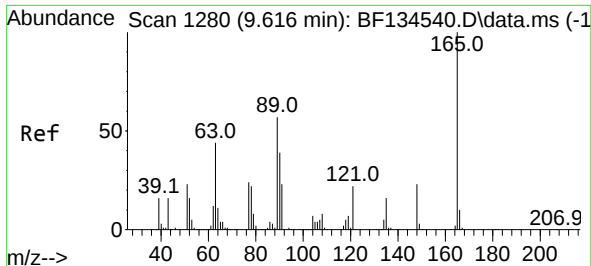


#50
Dimethylphthalate
Concen: 49.311 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



Tgt Ion:163 Resp: 1071635
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 7.5 11.3





#51

2,6-Dinitrotoluene

Concen: 49.190 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF134605.D

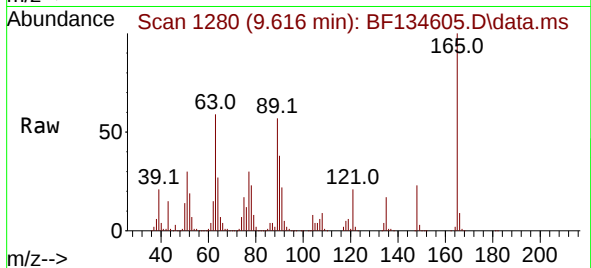
Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

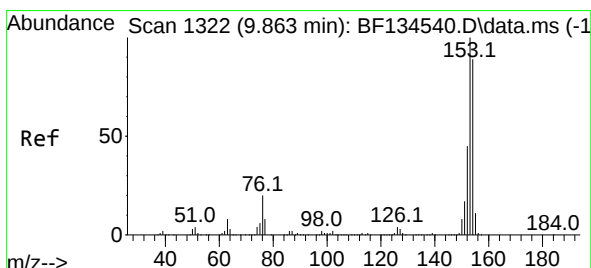
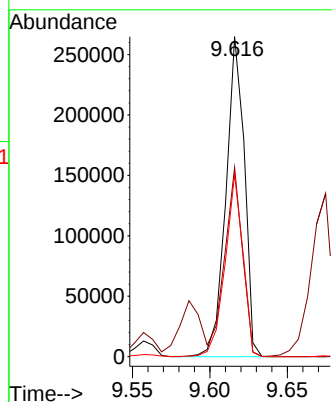
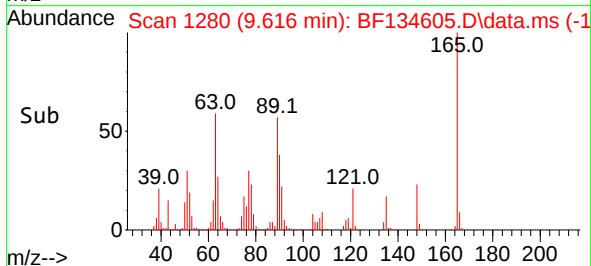
SB-21-16-18-20230719MS



Tgt Ion:165	Resp:	219320
Ion Ratio	Lower	Upper
165	100	
63	59.1	57.8 86.6
89	57.1	51.8 77.8

Manual Integrations
APPROVED

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



#52

Acenaphthene

Concen: 43.918 ng

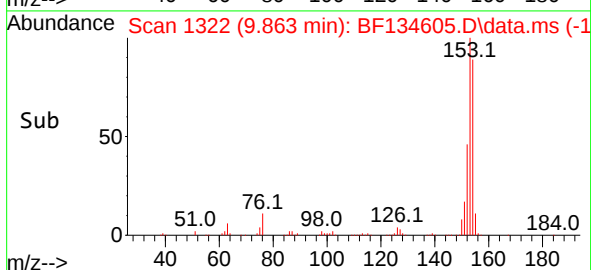
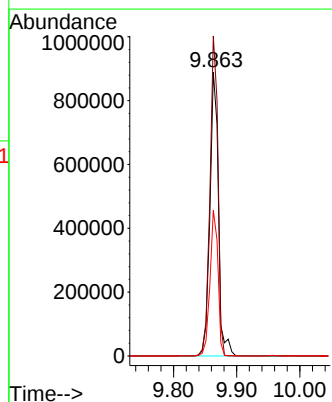
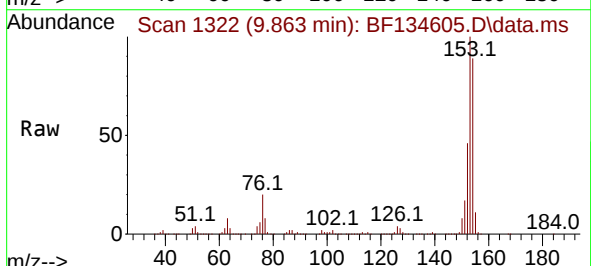
RT: 9.863 min Scan# 1322

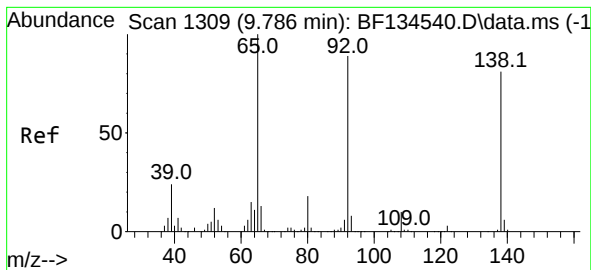
Delta R.T. -0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

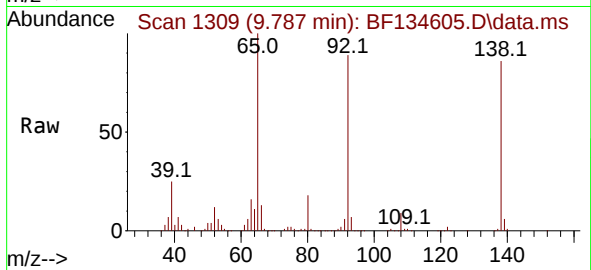
Tgt Ion:154	Resp:	831187
Ion Ratio	Lower	Upper
154	100	
153	112.8	90.0 135.0
152	51.4	42.4 63.6





#53
3-Nitroaniline
Concen: 40.011 ng
RT: 9.787 min Scan# 1309
Delta R.T. 0.001 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

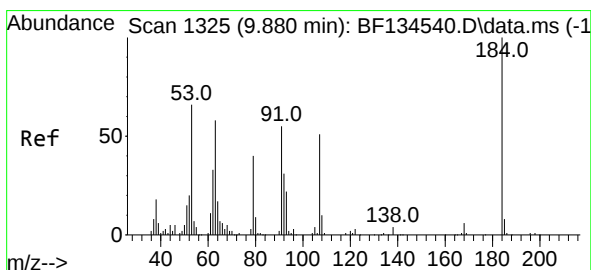
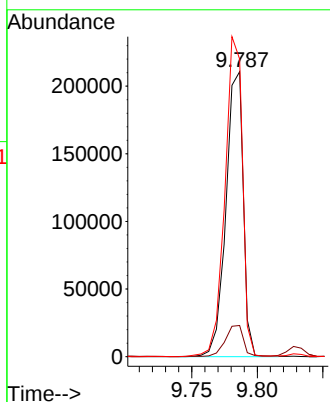
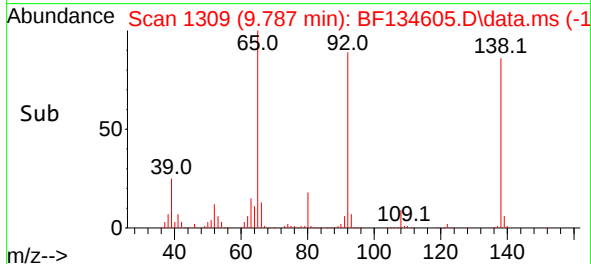
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:138 Resp: 193808
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 104.5 86.6 129.8

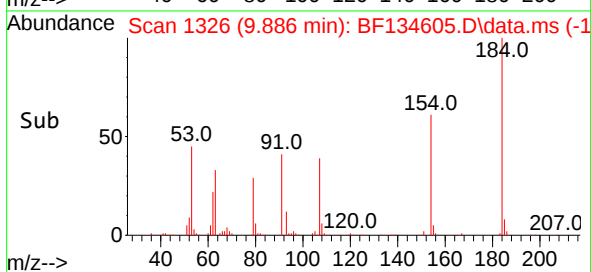
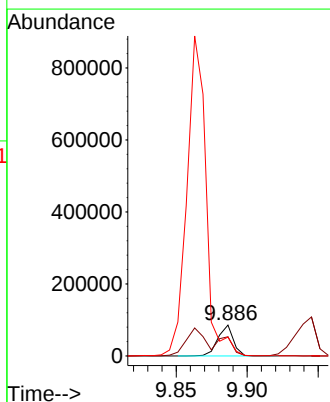
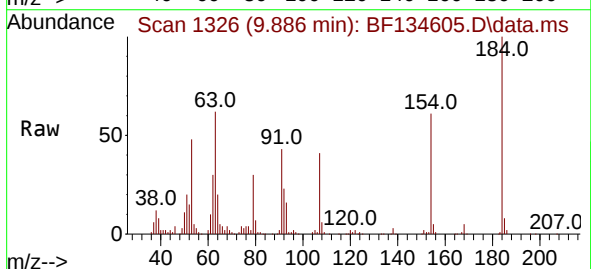
Manual Integrations
APPROVED

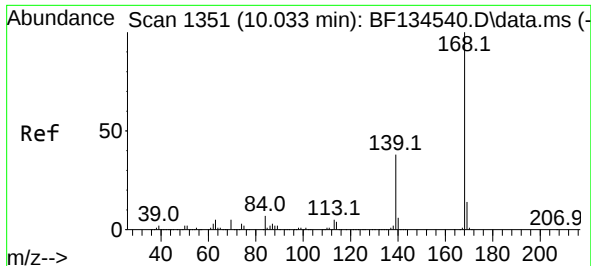
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#54
2,4-Dinitrophenol
Concen: 46.254 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

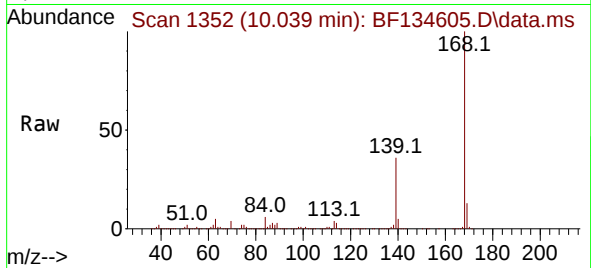
Tgt Ion:184 Resp: 65098
Ion Ratio Lower Upper
184 100
63 62.1 57.1 85.7
154 61.0 59.1 88.7





#55
Dibenzenofuran
Concen: 41.739 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

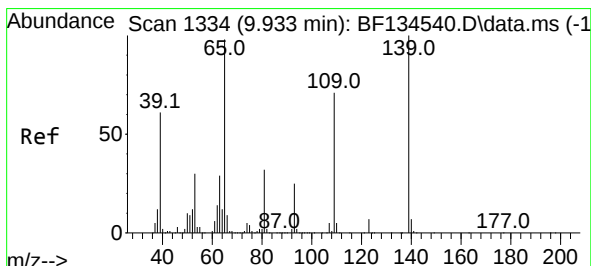
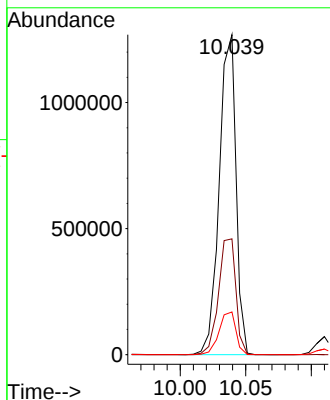
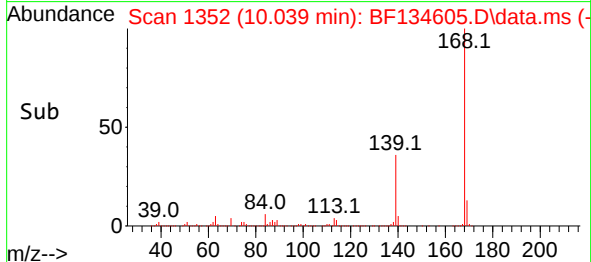
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:168 Resp: 112451
Ion Ratio Lower Upper
168 100
139 36.2 33.4 50.2
169 13.3 10.6 15.8

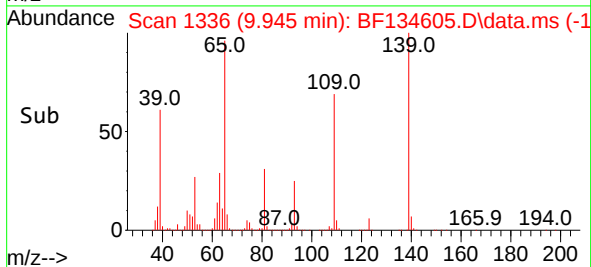
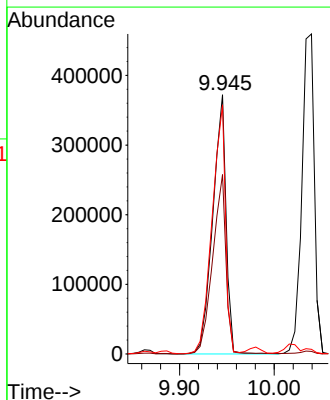
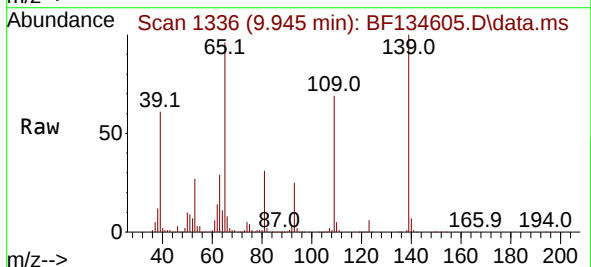
Manual Integrations
APPROVED

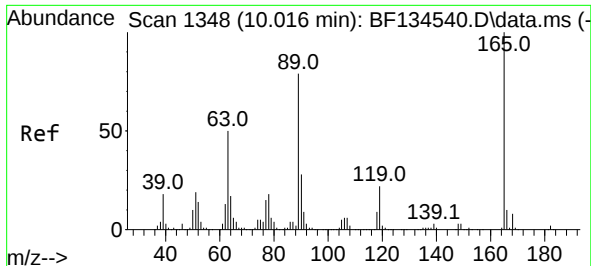
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#56
4-Nitrophenol
Concen: 91.808 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

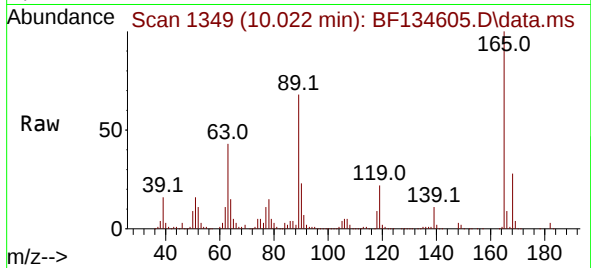
Tgt Ion:139 Resp: 363716
Ion Ratio Lower Upper
139 100
109 69.2 76.9 116.9#
65 96.1 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 47.440 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

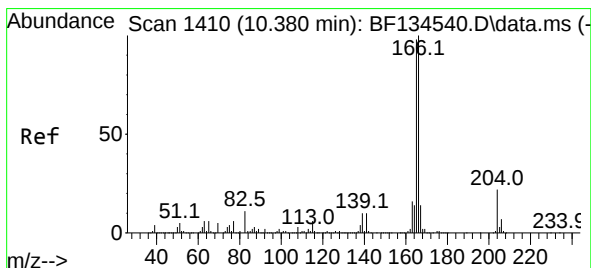
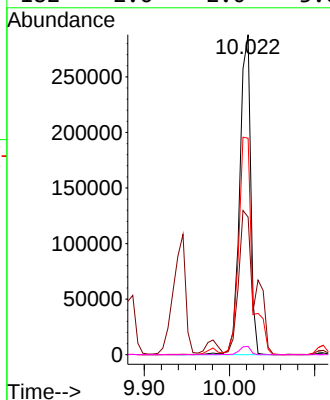
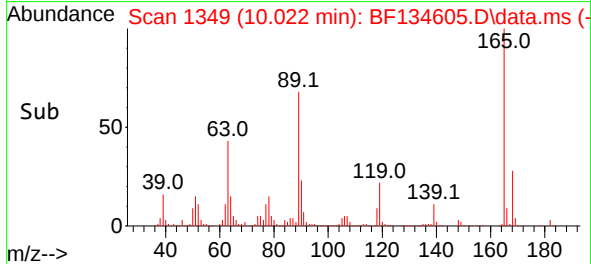
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



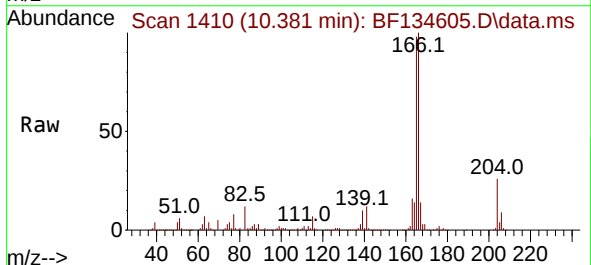
Tgt Ion:165 Resp: 25495
Ion Ratio Lower Upper
165 100
63 43.0 48.9 73.3
89 67.7 61.7 92.5
182 2.6 2.0 3.0

Manual Integrations
APPROVED

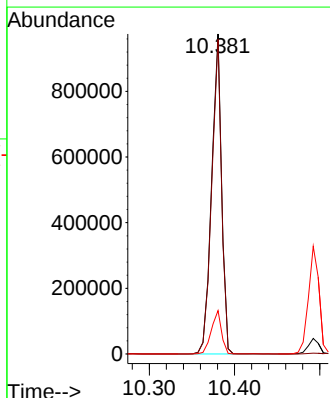
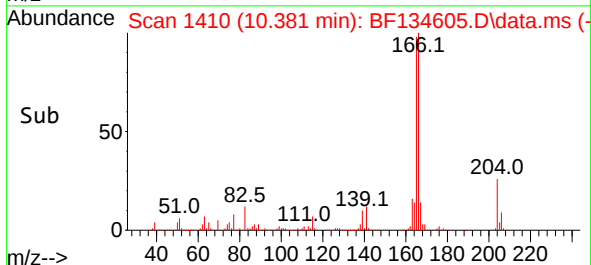
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

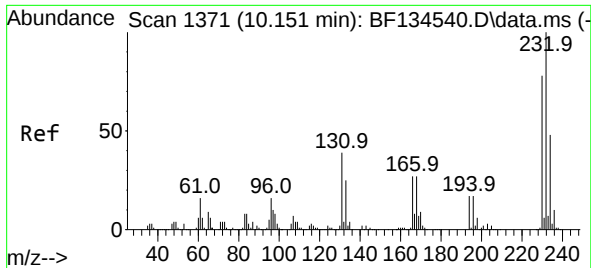


#58
Fluorene
Concen: 40.444 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.001 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



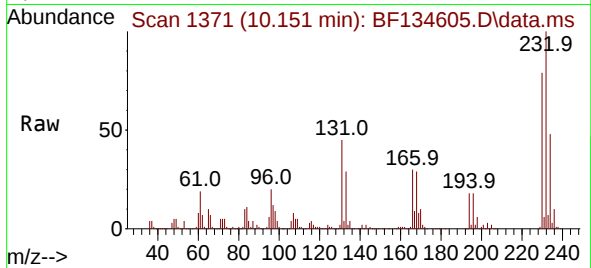
Tgt Ion:166 Resp: 793669
Ion Ratio Lower Upper
166 100
165 98.4 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.733 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

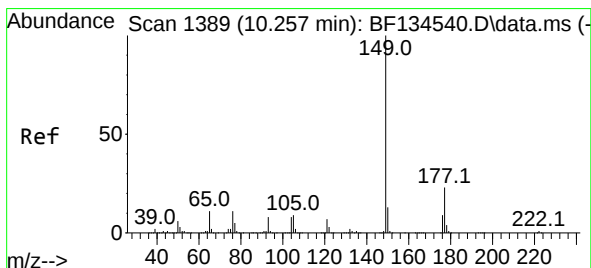
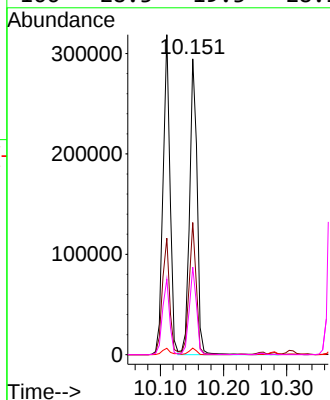
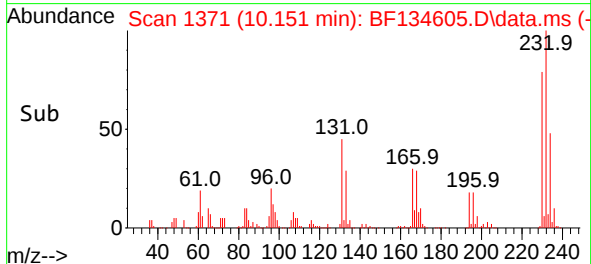
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:232 Resp: 24544
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.1 1.8 2.6
166 28.3 19.3 28.9

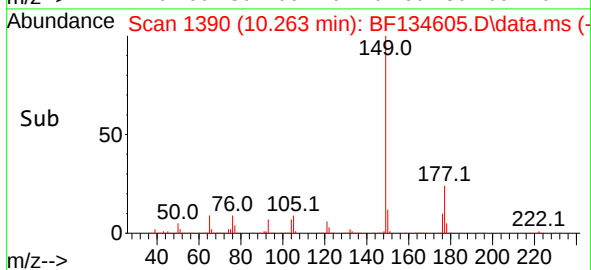
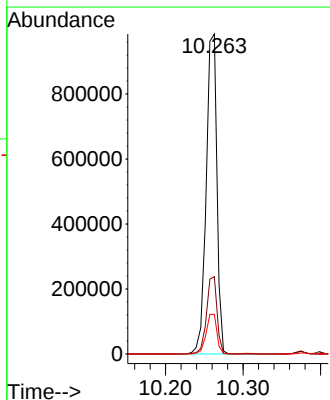
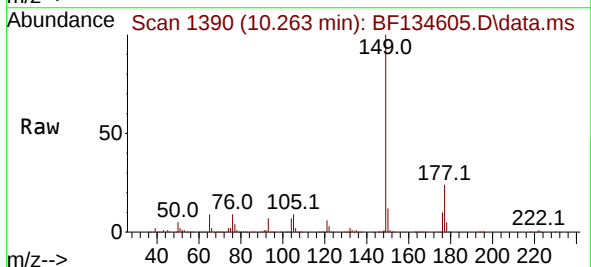
Manual Integrations
APPROVED

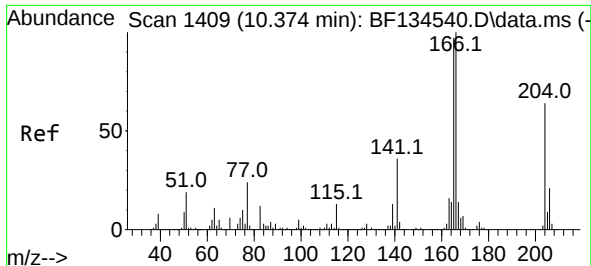
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#60
Diethylphthalate
Concen: 45.917 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

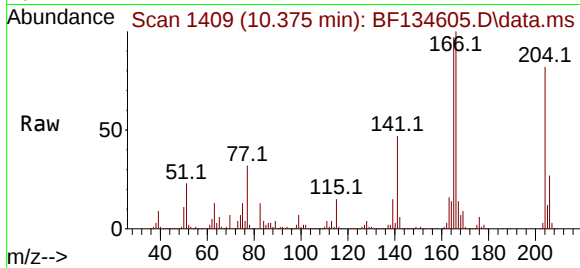
Tgt Ion:149 Resp: 945852
Ion Ratio Lower Upper
149 100
177 24.1 17.0 25.4
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.672 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

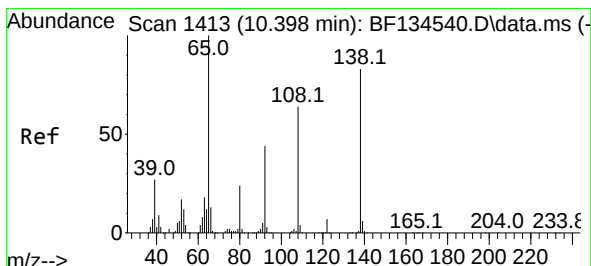
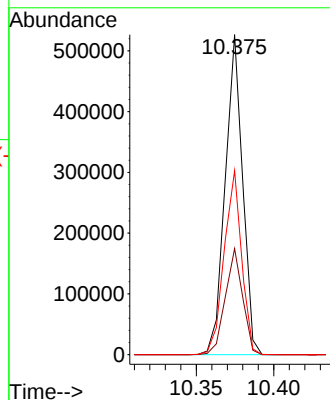
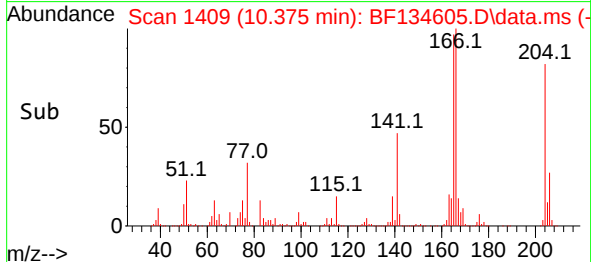
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:204 Resp: 411600
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 57.5 52.2 78.4

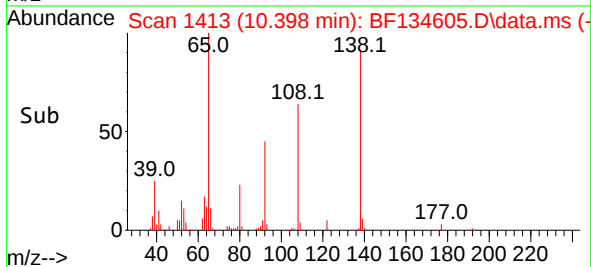
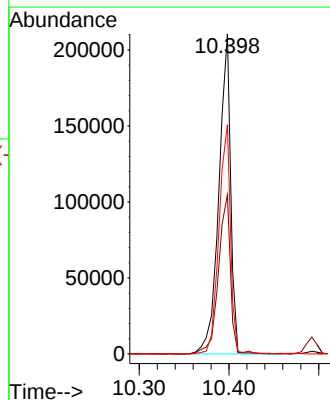
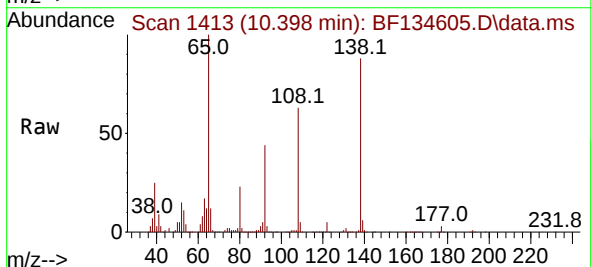
Manual Integrations
APPROVED

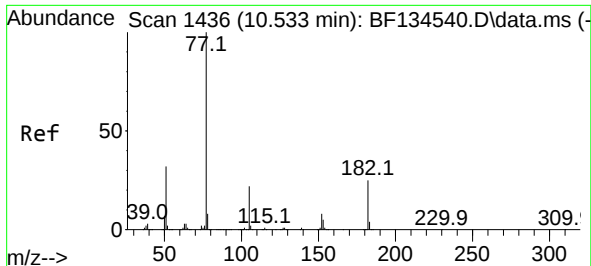
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#62
4-Nitroaniline
Concen: 40.479 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

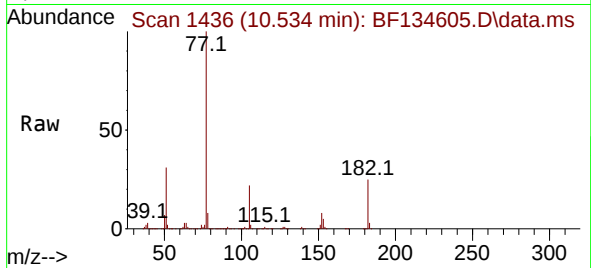
Tgt Ion:138 Resp: 192186
Ion Ratio Lower Upper
138 100
92 49.7 27.0 67.0
108 71.6 70.4 110.4





#63
Azobenzene
Concen: 40.113 ng
RT: 10.534 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

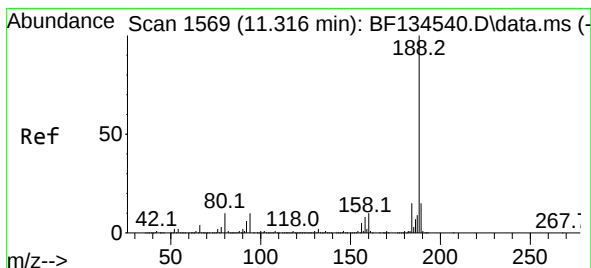
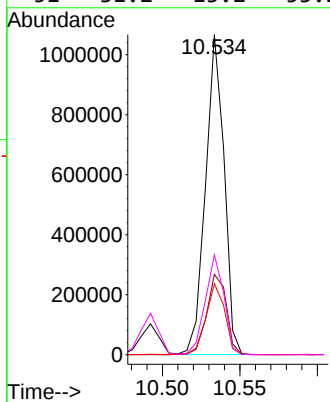
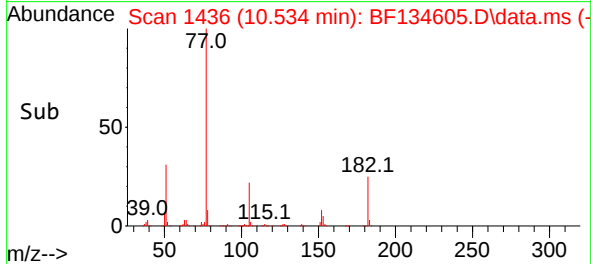
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion: 77 Resp: 887784
Ion Ratio Lower Upper
77 100
182 25.1 7.5 47.5
105 22.2 1.9 41.9
51 31.2 13.2 53.2

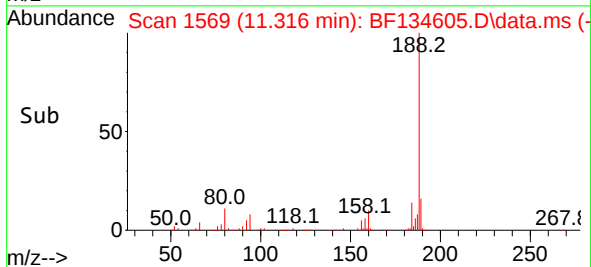
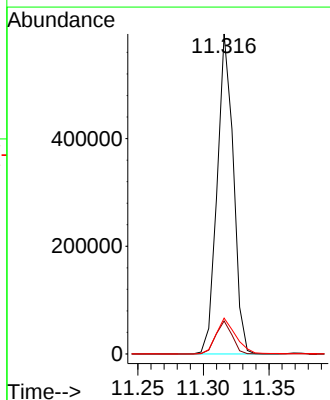
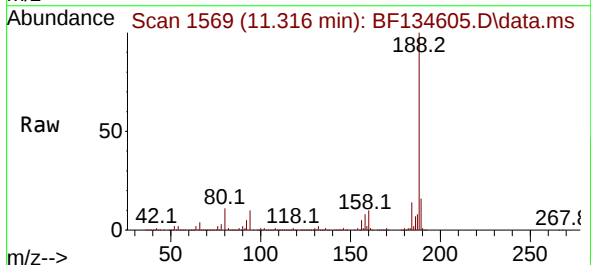
Manual Integrations
APPROVED

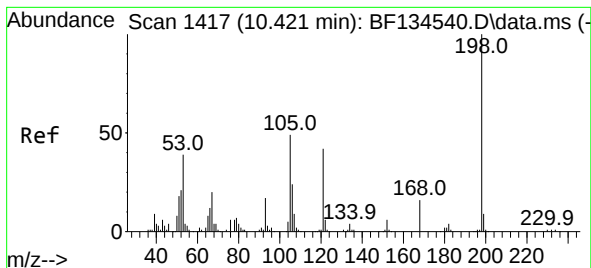
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:188 Resp: 510193
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 11.2 6.6 9.8#





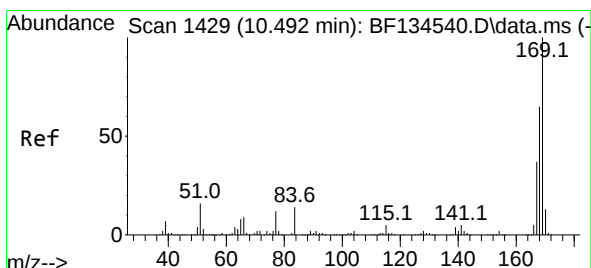
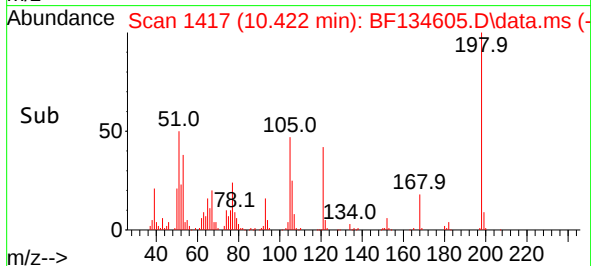
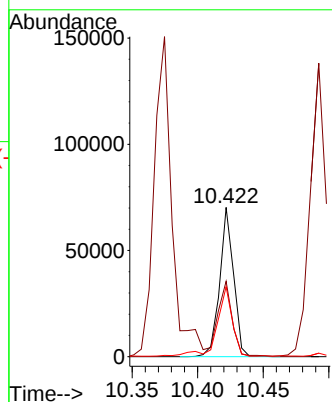
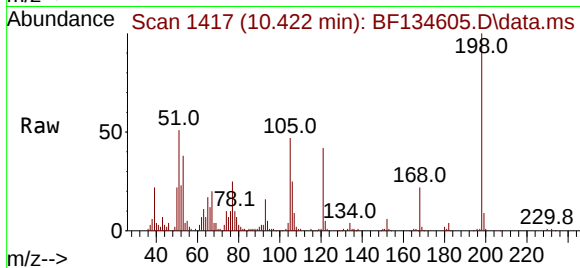
#65
4,6-Dinitro-2-methylphenol
Concen: 29.174 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

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

Tgt Ion:198 Resp: 51568
Ion Ratio Lower Upper
198 100
51 50.5 38.6 78.6
105 46.8 27.9 67.9

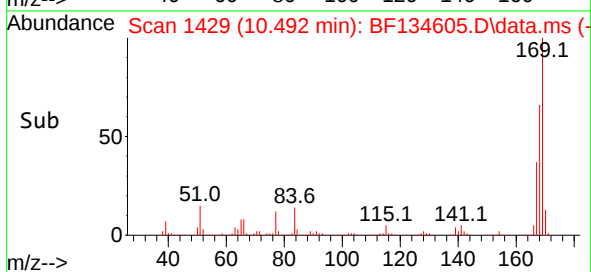
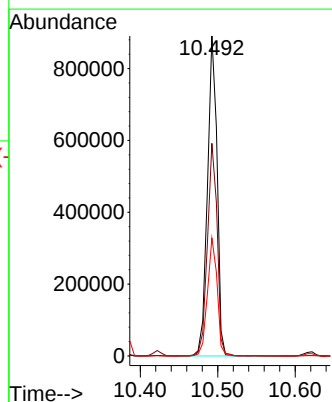
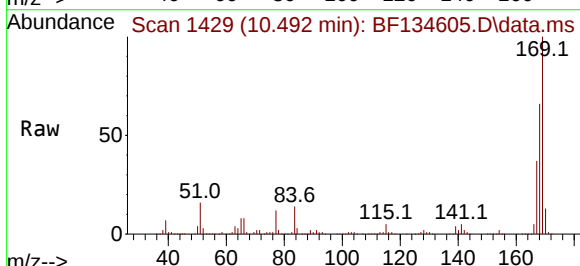
Manual Integrations
APPROVED

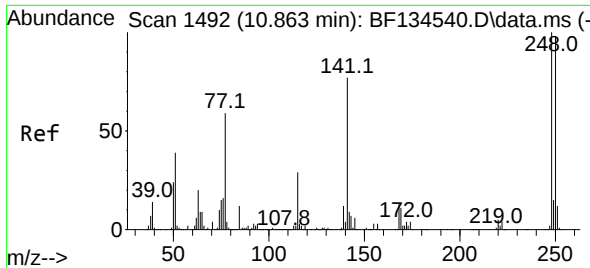
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#66
n-Nitrosodiphenylamine
Concen: 47.186 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

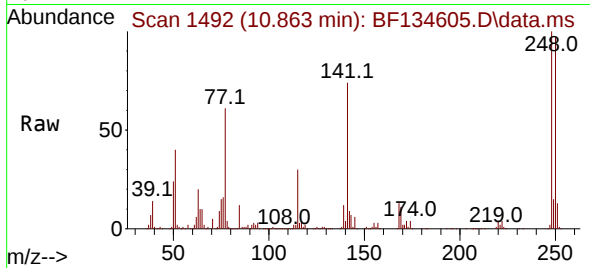
Tgt Ion:169 Resp: 766252
Ion Ratio Lower Upper
169 100
168 66.5 52.6 78.8
167 36.8 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 47.645 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

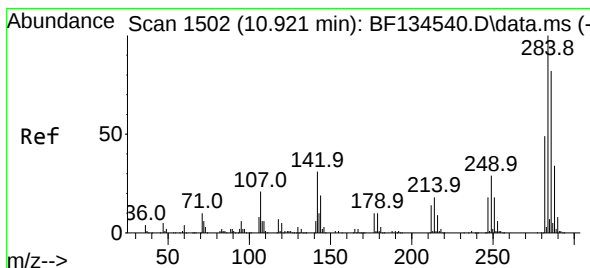
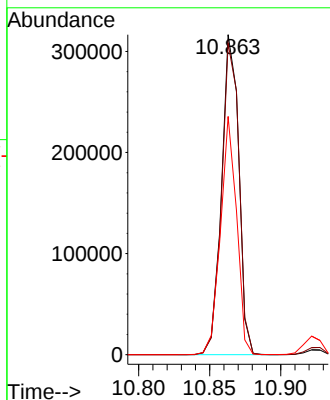
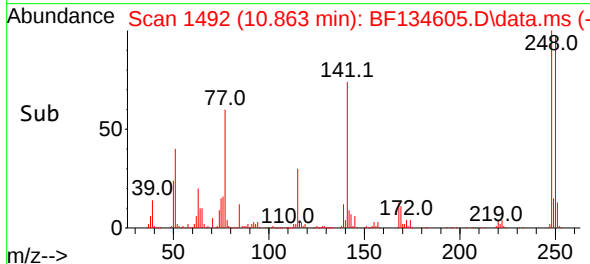
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



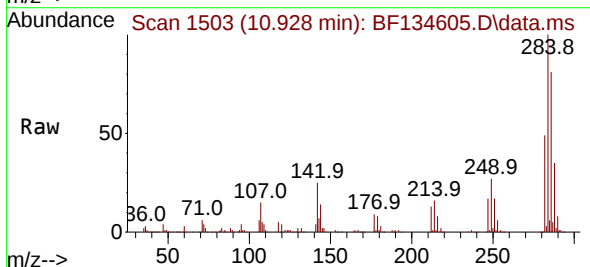
Tgt Ion:248 Resp: 266090
Ion Ratio Lower Upper
248 100
250 97.3 79.6 119.4
141 74.5 59.6 89.4

Manual Integrations
APPROVED

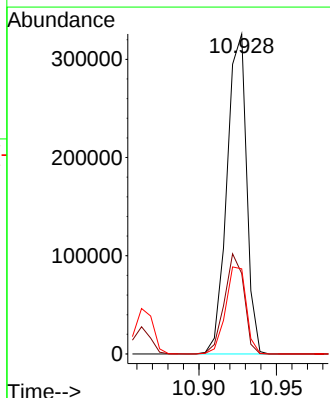
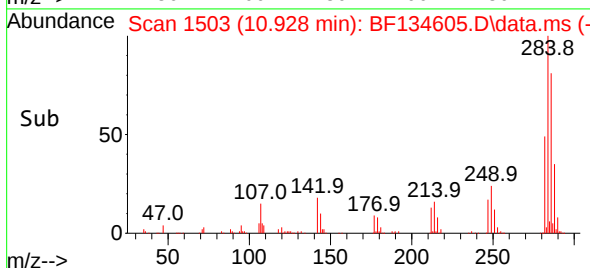
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

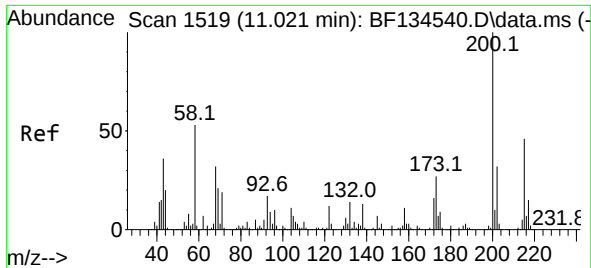


#68
Hexachlorobenzene
Concen: 48.660 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



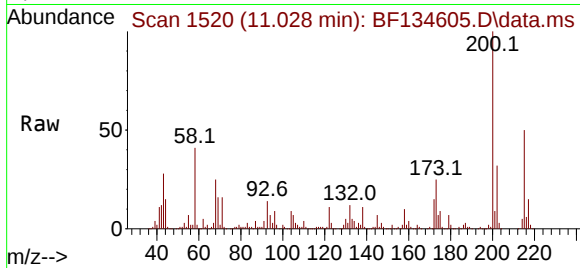
Tgt Ion:284 Resp: 286979
Ion Ratio Lower Upper
284 100
142 25.1 26.5 39.7#
249 26.6 23.8 35.8





#69
Atrazine
Concen: 58.806 ng
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

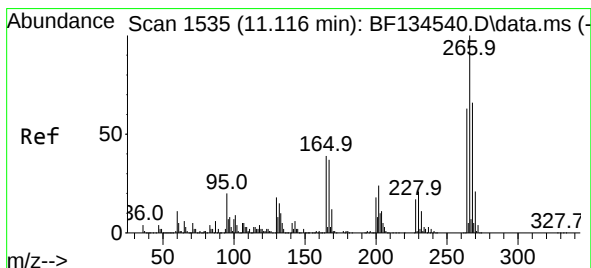
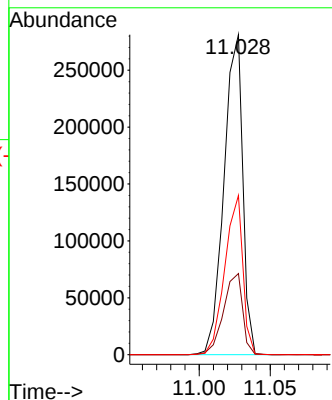
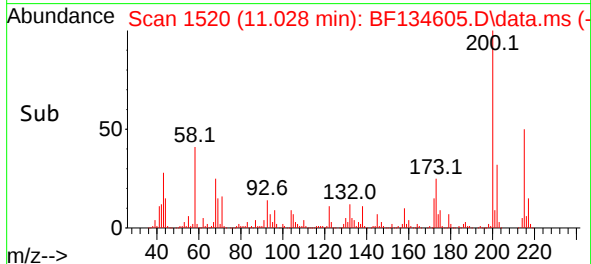
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



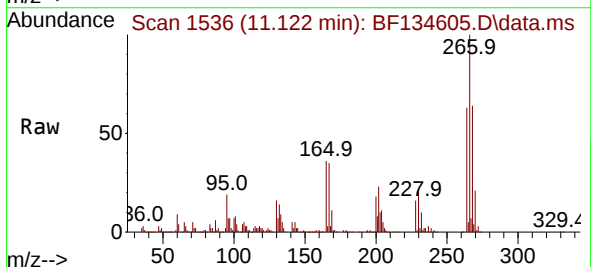
Tgt Ion:200 Resp: 257392
Ion Ratio Lower Upper
200 100
173 25.4 6.1 46.1
215 49.7 29.7 69.7

Manual Integrations
APPROVED

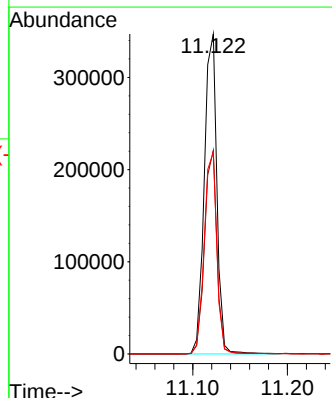
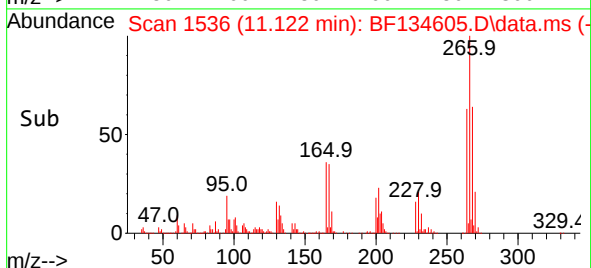
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

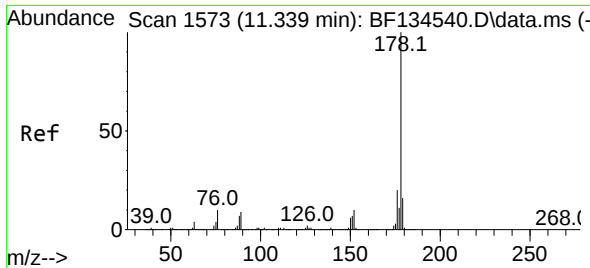


#70
Pentachlorophenol
Concen: 87.417 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



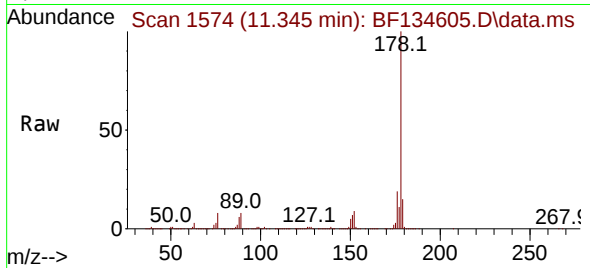
Tgt Ion:266 Resp: 319216
Ion Ratio Lower Upper
266 100
268 63.6 52.9 79.3
264 63.1 47.8 71.6





#71
Phenanthrene
Concen: 44.425 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

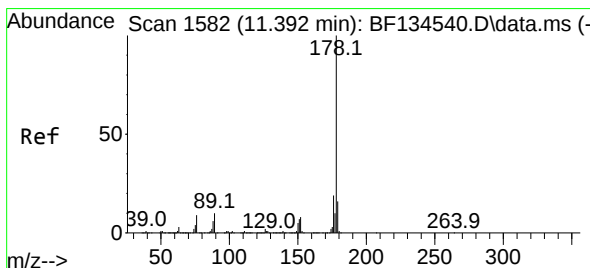
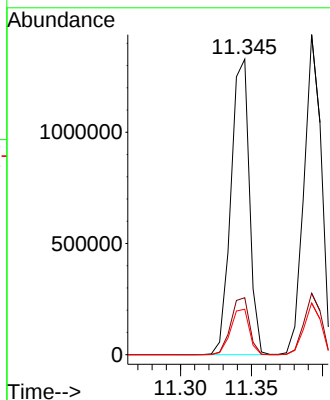
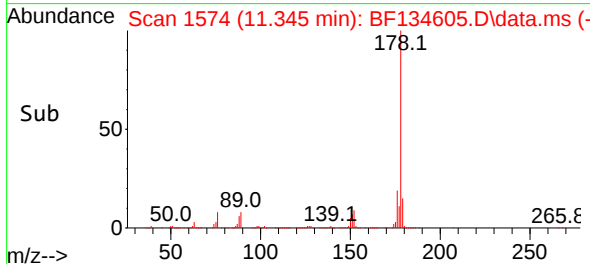
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:178 Resp: 1203890
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.7 19.1

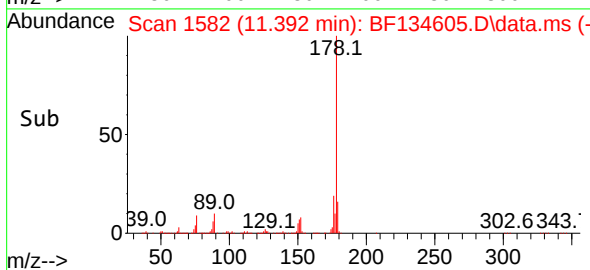
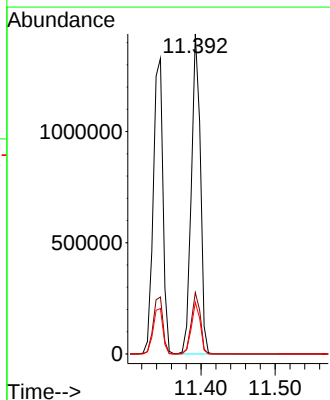
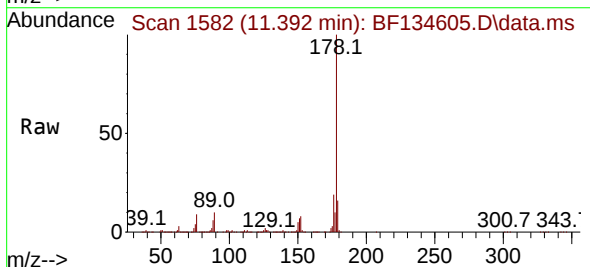
Manual Integrations
APPROVED

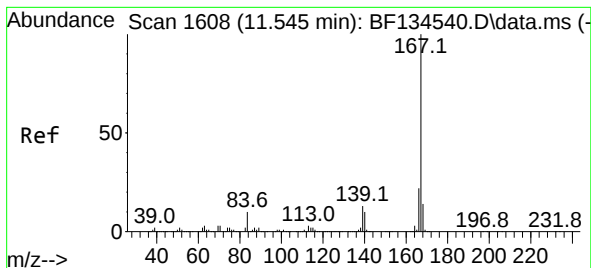
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#72
Anthracene
Concen: 43.976 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:178 Resp: 1217282
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 16.2 12.3 18.5





#73

Carbazole

Concen: 44.597 ng

RT: 11.551 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BF134605.D

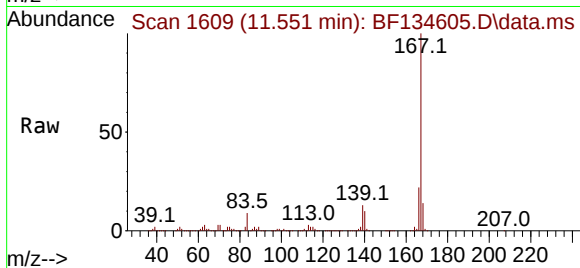
Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS



Tgt Ion:167 Resp: 110222

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

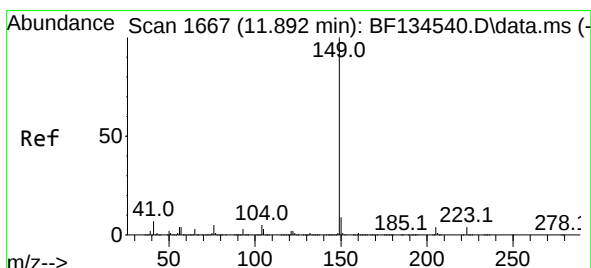
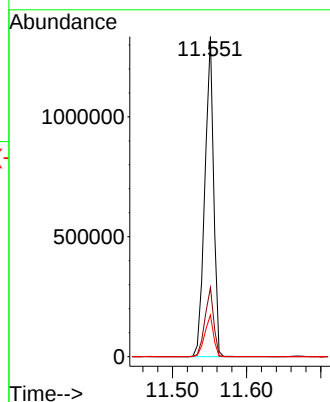
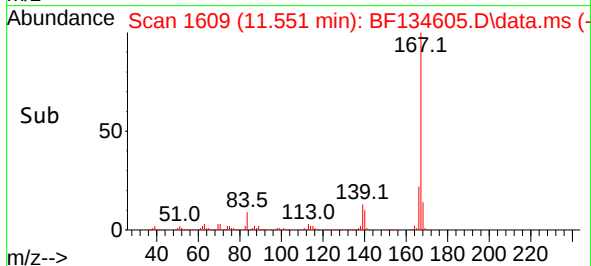
139 13.0 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#74

Di-n-butylphthalate

Concen: 48.336 ng

RT: 11.892 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

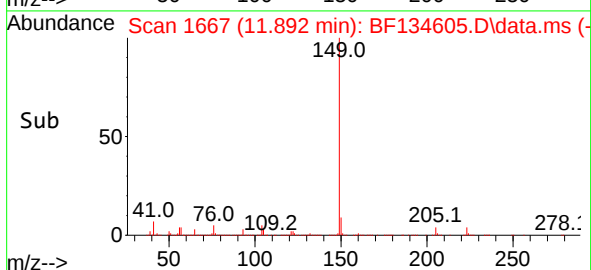
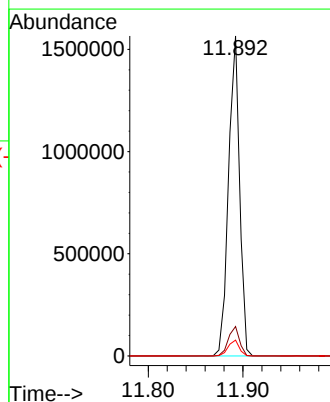
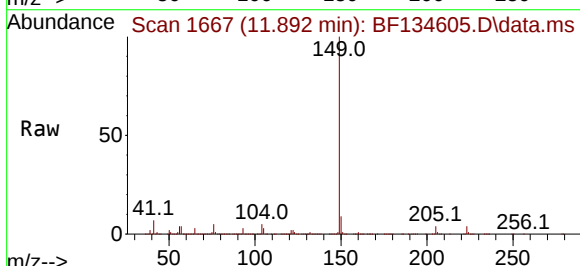
Tgt Ion:149 Resp: 1269171

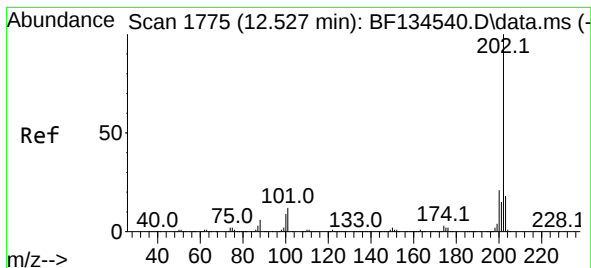
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

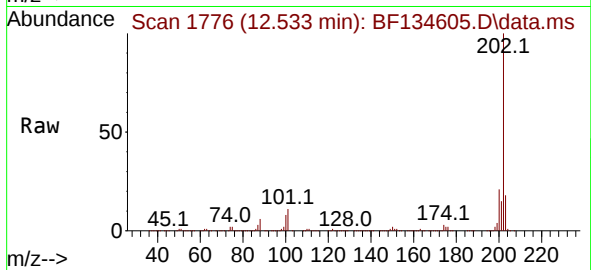
104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 43.443 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

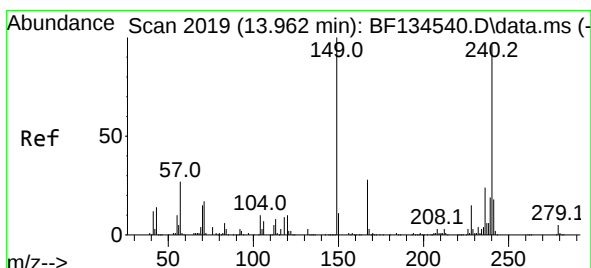
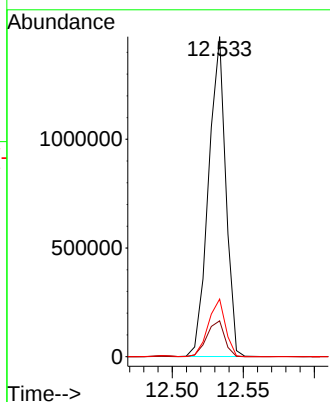
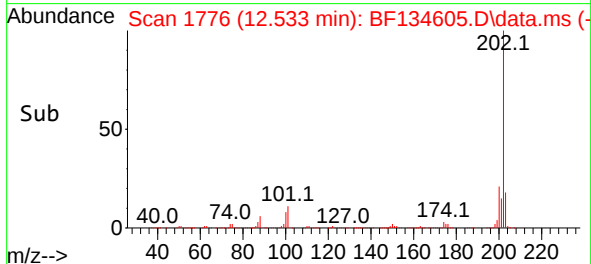
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:202 Resp: 124357
Ion Ratio Lower Upper
202 100
101 11.2 0.0 28.5
203 18.0 0.0 37.5

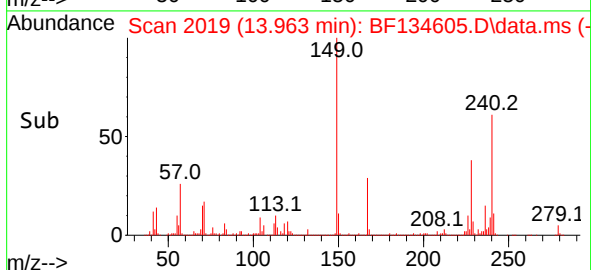
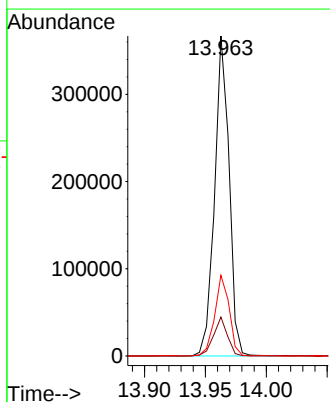
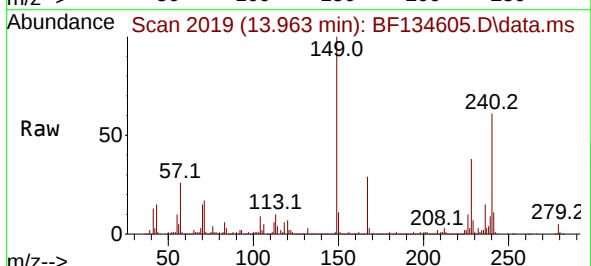
Manual Integrations
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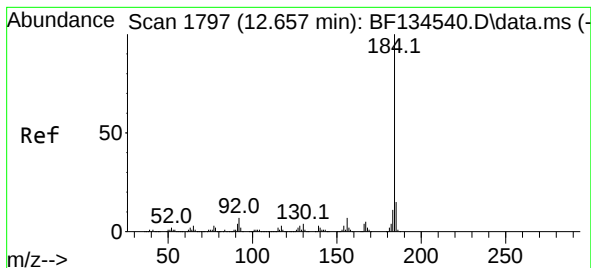
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:240 Resp: 305137
Ion Ratio Lower Upper
240 100
120 12.2 6.6 10.0#
236 25.2 20.2 30.2





#77

Benzidine

Concen: 93.569 ng

RT: 12.663 min Scan# 1797

Delta R.T. 0.006 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

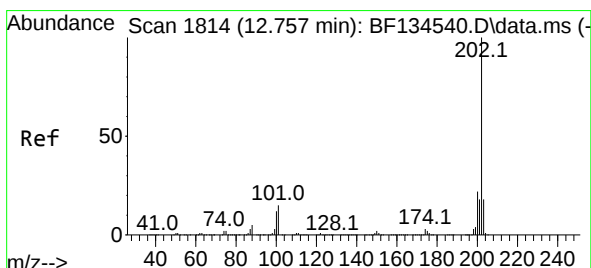
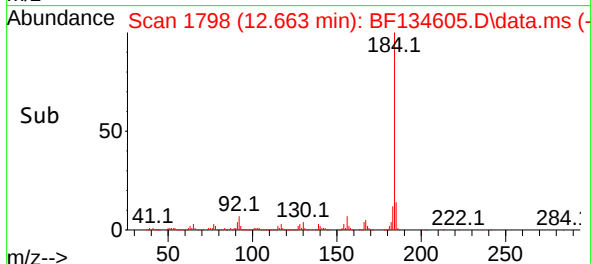
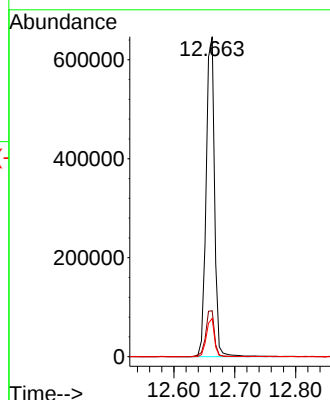
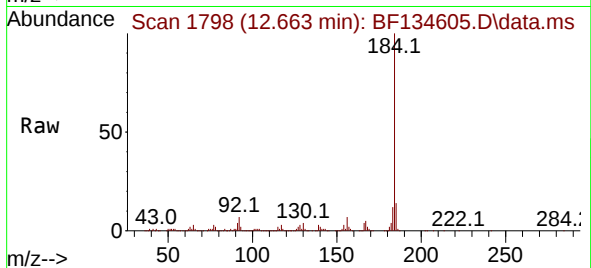
SB-21-16-18-20230719MS

Tgt Ion:184 Resp: 619792
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.2 16.8
 183 11.9 8.6 13.0

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



#78

Pyrene

Concen: 48.451 ng

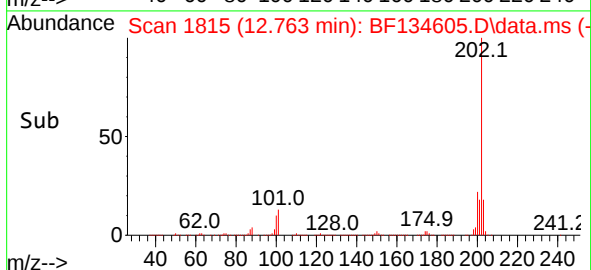
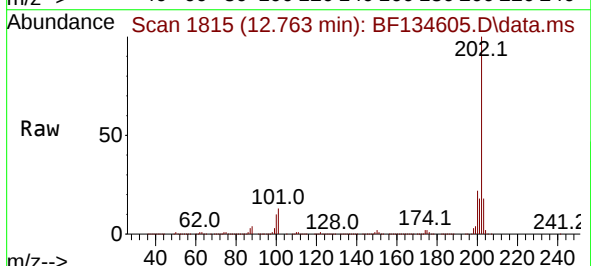
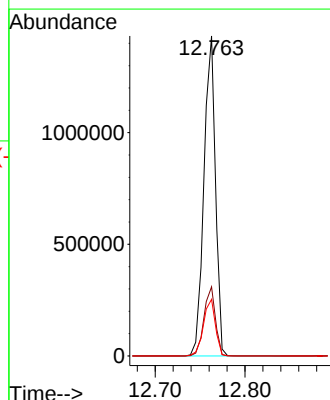
RT: 12.763 min Scan# 1815

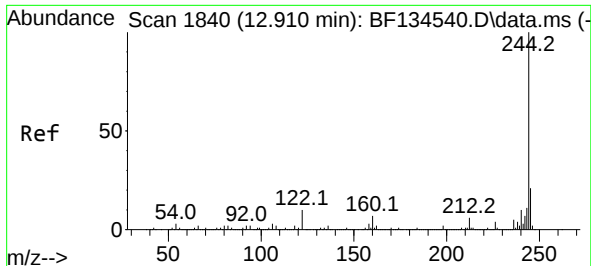
Delta R.T. 0.006 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

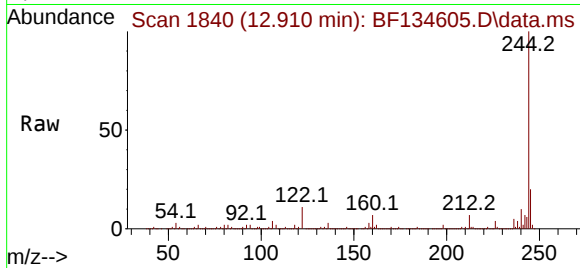
Tgt Ion:202 Resp: 1279305
 Ion Ratio Lower Upper
 202 100
 200 21.6 15.8 23.8
 203 17.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 104.321 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134605.D
 Acq: 03 Aug 2023 11:59

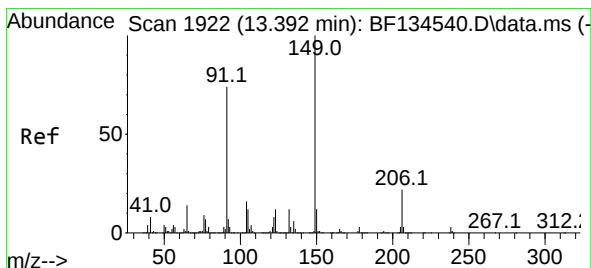
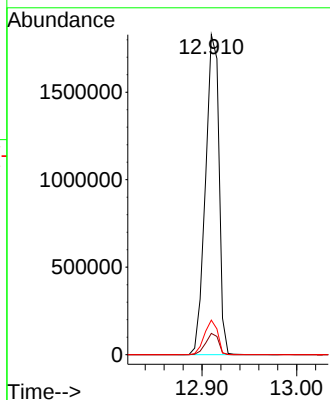
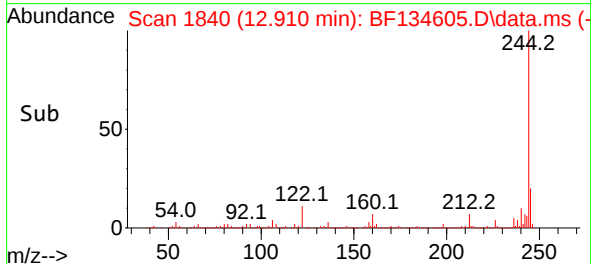
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MS



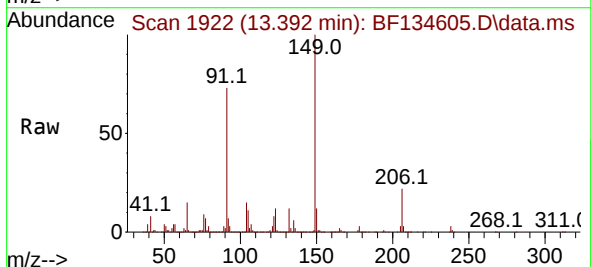
Tgt Ion:244 Resp: 1805710
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.8 8.0 12.0

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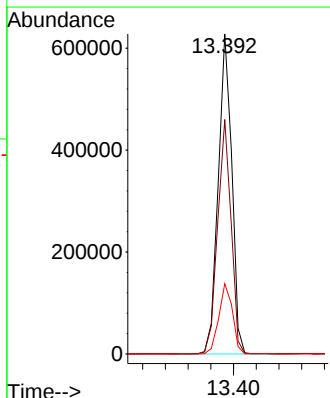
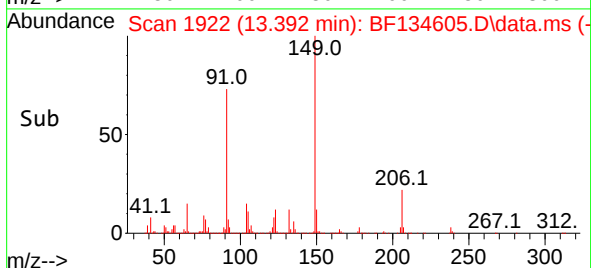
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

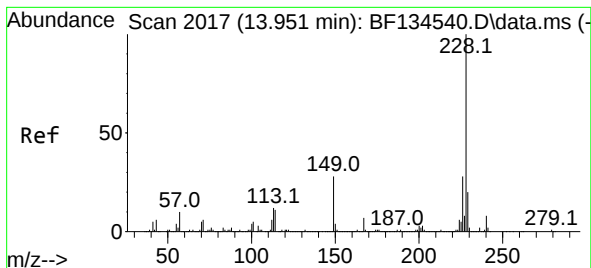


#80
 Butylbenzylphthalate
 Concen: 58.377 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF134605.D
 Acq: 03 Aug 2023 11:59



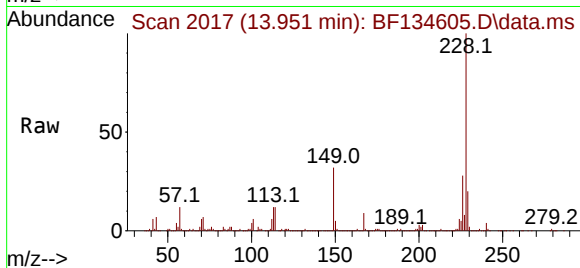
Tgt Ion:149 Resp: 521209
 Ion Ratio Lower Upper
 149 100
 91 73.3 55.8 83.6
 206 22.0 14.6 21.8





#81
Benzo(a)anthracene
Concen: 44.744 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

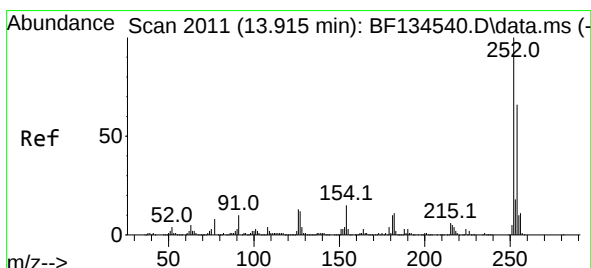
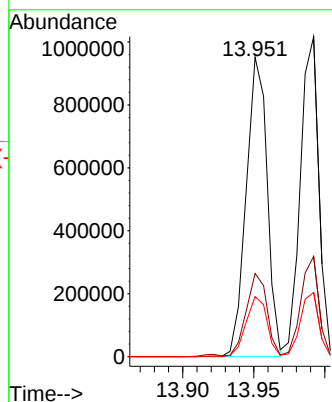
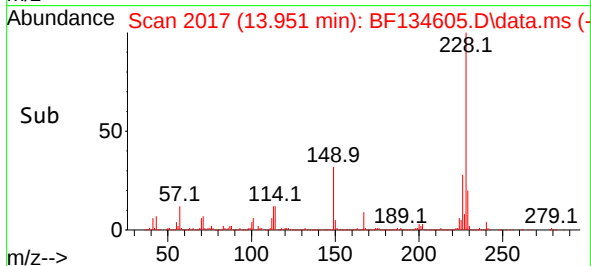
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



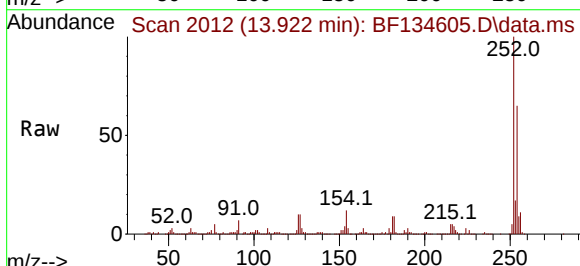
Tgt Ion:228 Resp: 976259
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 15.8 23.6

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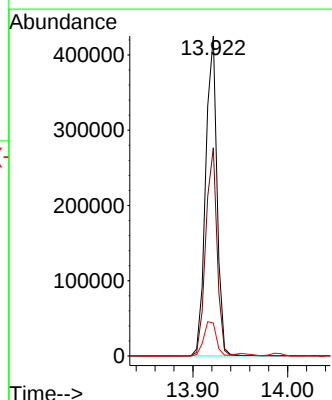
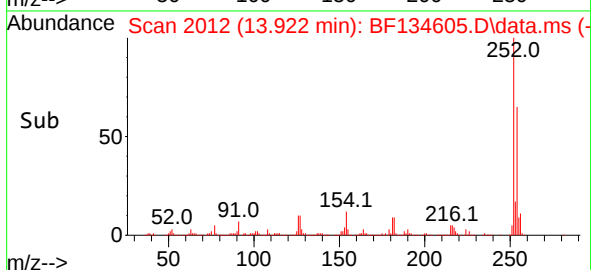
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

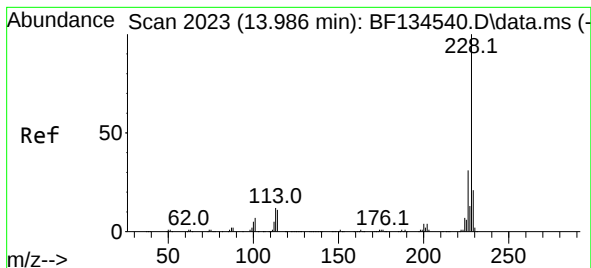


#82
3,3'-Dichlorobenzidine
Concen: 55.881 ng
RT: 13.922 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



Tgt Ion:252 Resp: 353417
Ion Ratio Lower Upper
252 100
254 65.1 52.7 79.1
126 10.3 7.2 10.8





#83

Chrysene

Concen: 43.274 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF134605.D

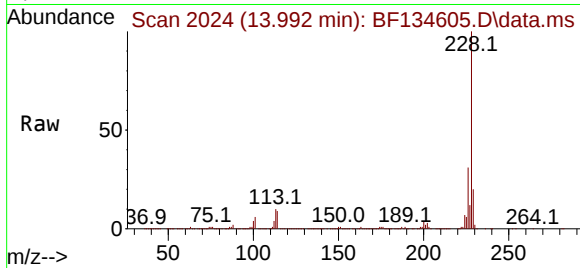
Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS



Tgt Ion:228 Resp: 919878

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

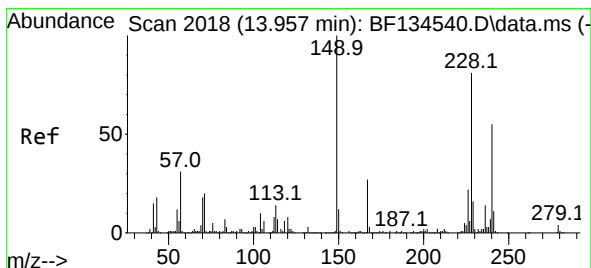
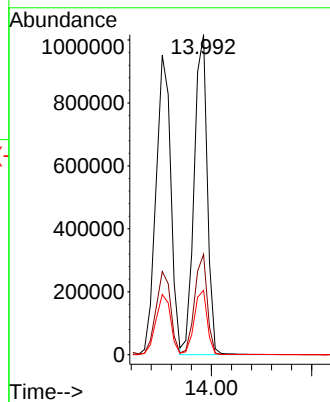
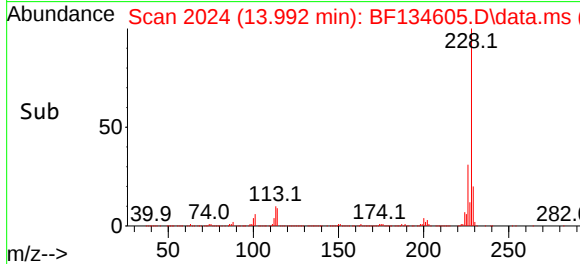
229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.441 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

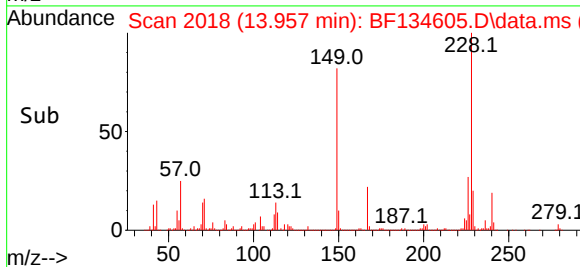
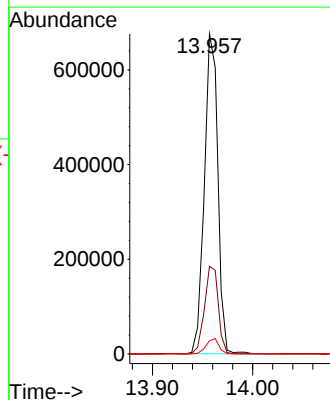
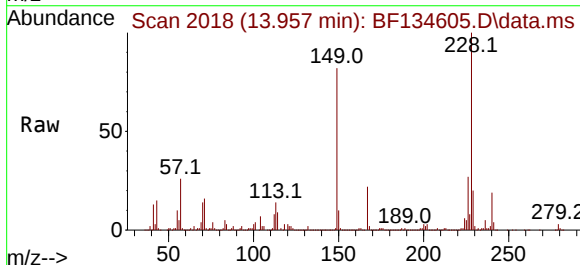
Tgt Ion:149 Resp: 635050

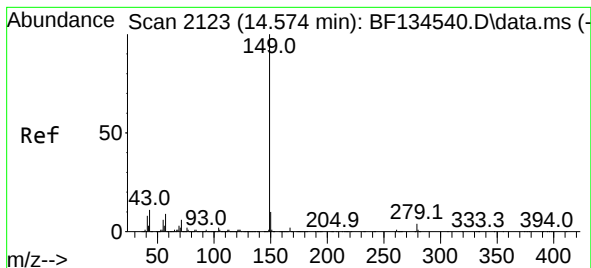
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

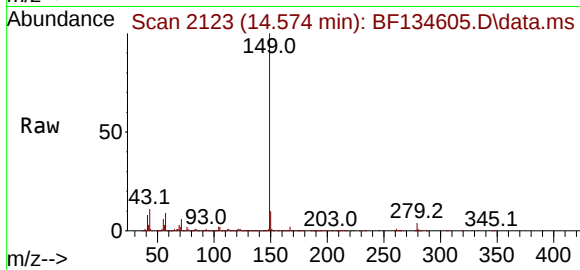
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 67.807 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

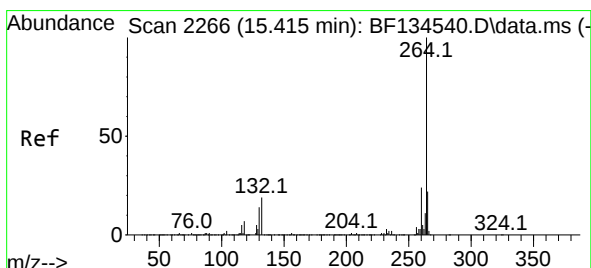
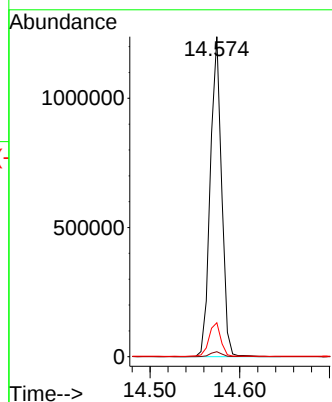
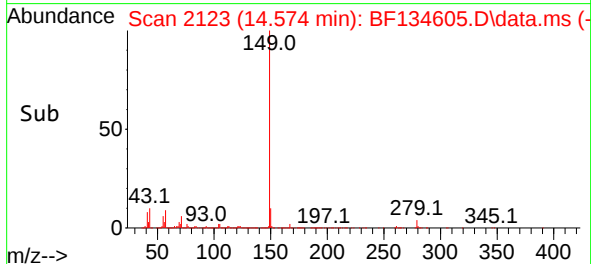
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



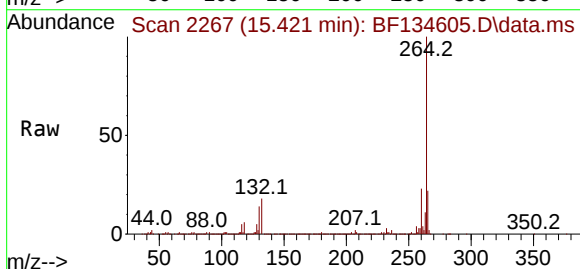
Tgt Ion:149 Resp: 1083420
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 8.1 12.1

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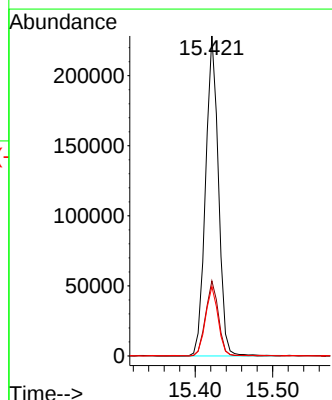
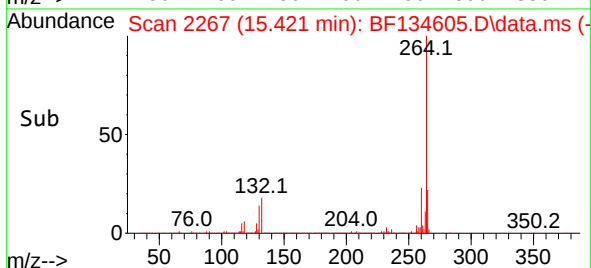
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

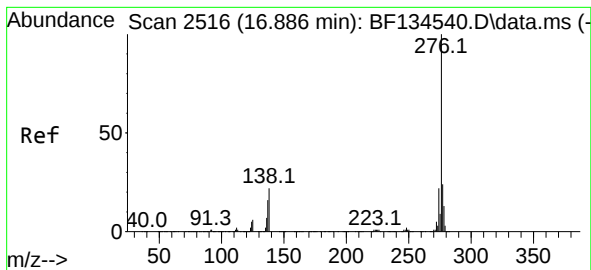


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59



Tgt Ion:264 Resp: 262776
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.6 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.877 ng

RT: 16.898 min Scan# 2195

Delta R.T. 0.012 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719MS

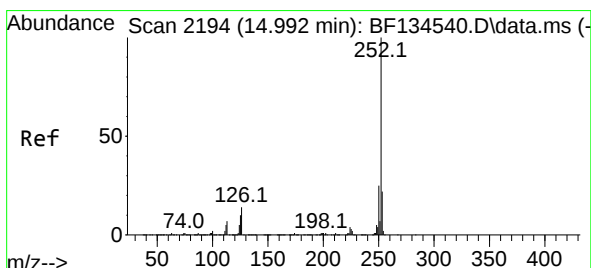
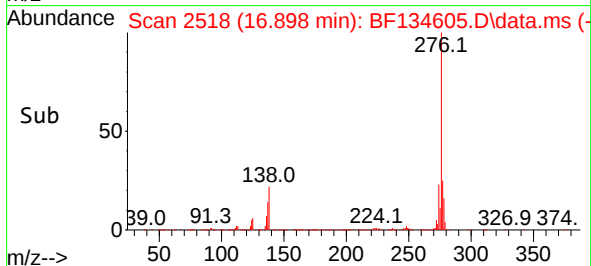
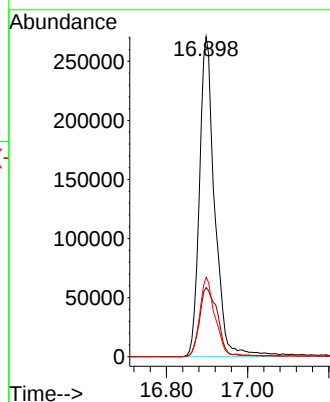
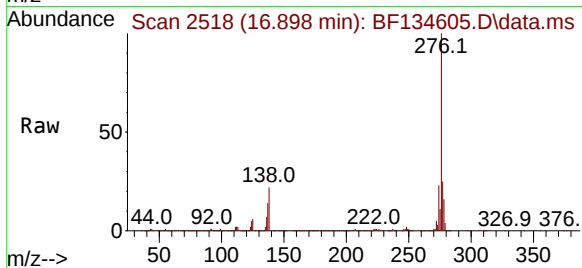
Tgt Ion:276 Resp: 709004
 Ion Ratio Lower Upper
 276 100
 138 25.0 14.2 21.4
 277 24.8 19.9 29.9

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Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#88

Benzo(b)fluoranthene

Concen: 46.928 ng

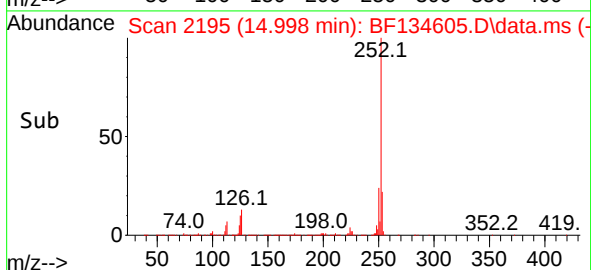
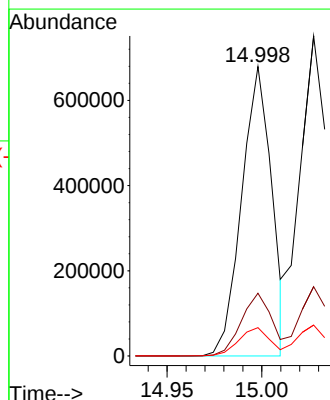
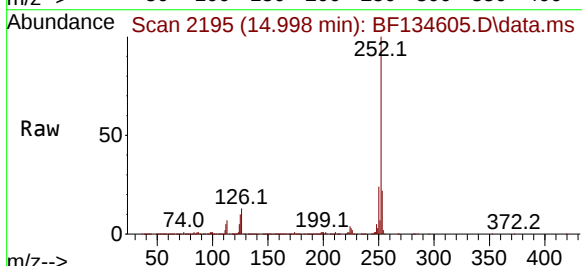
RT: 14.998 min Scan# 2195

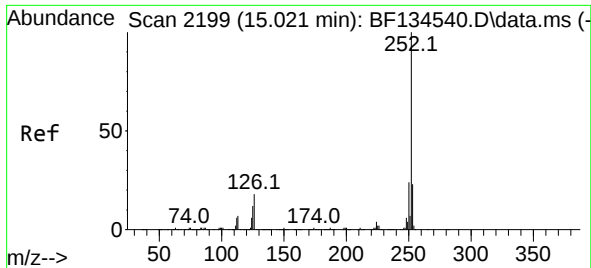
Delta R.T. 0.006 min

Lab File: BF134605.D

Acq: 03 Aug 2023 11:59

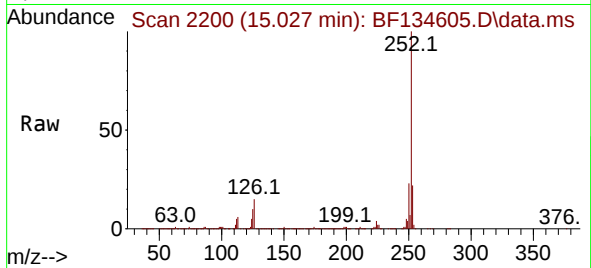
Tgt Ion:252 Resp: 752085
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.8 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 47.374 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

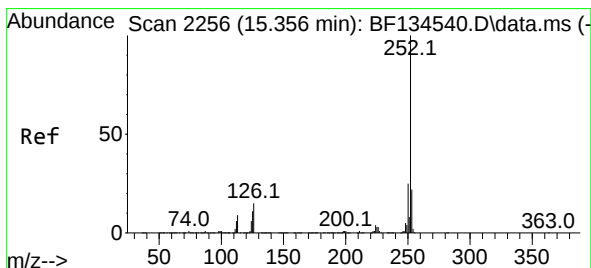
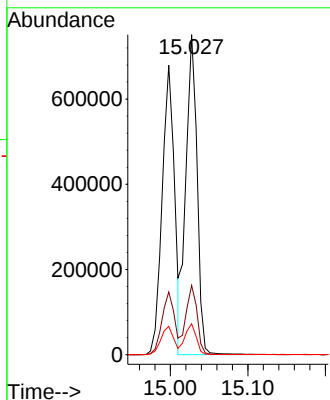
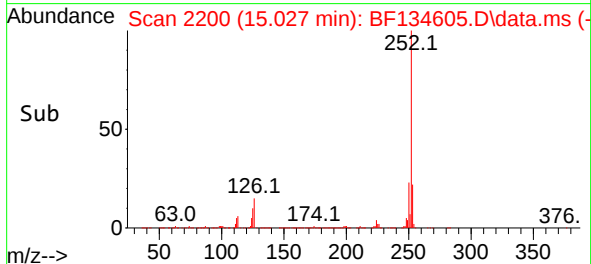
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:252 Resp: 756319
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.6 6.3 9.5

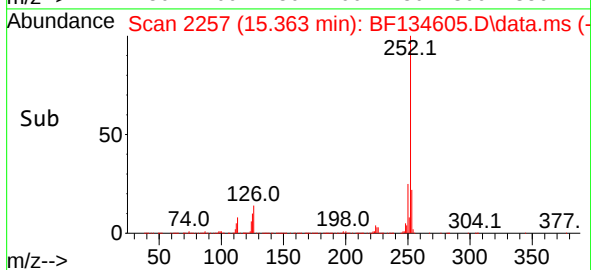
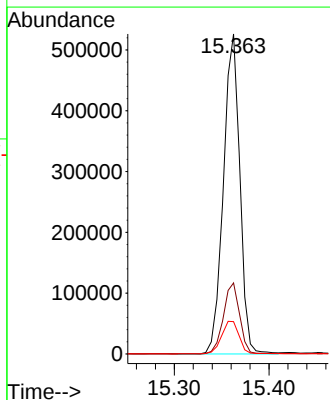
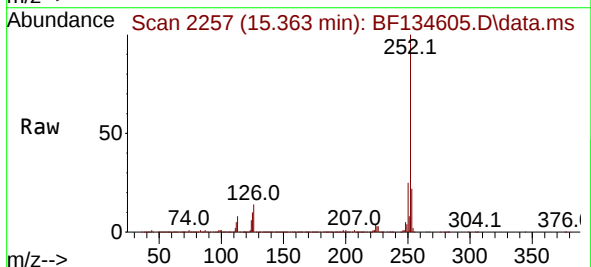
Manual Integrations
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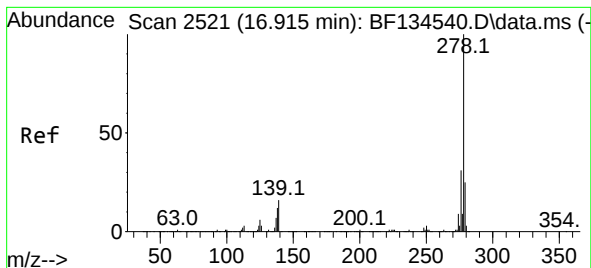
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#90
Benzo(a)pyrene
Concen: 42.523 ng
RT: 15.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

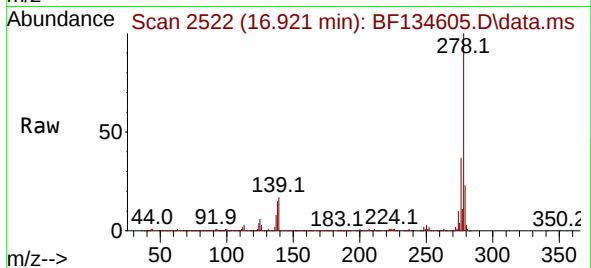
Tgt Ion:252 Resp: 635415
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.1 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 47.224 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

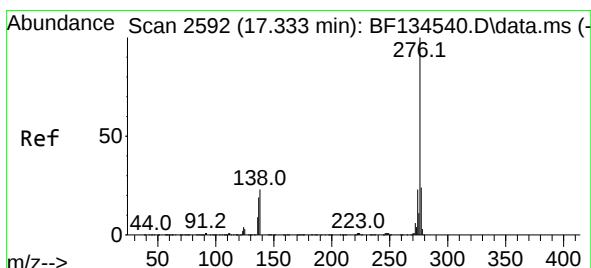
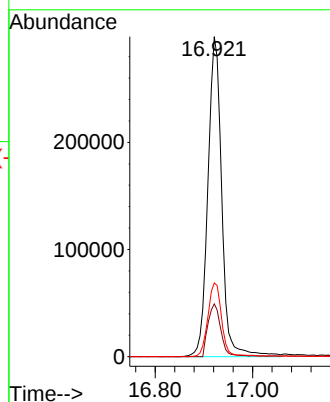
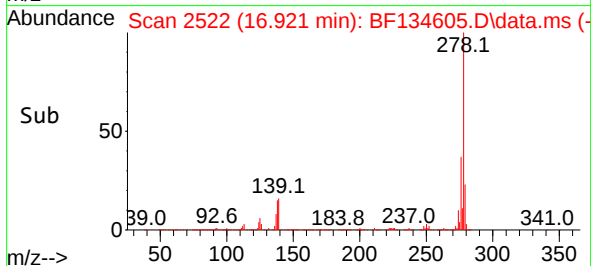
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719MS



Tgt Ion:278 Resp: 589809
Ion Ratio Lower Upper
278 100
139 16.5 10.0 15.0
279 23.1 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: 42.753 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF134605.D
Acq: 03 Aug 2023 11:59

Tgt Ion:276 Resp: 544689
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 21.6 12.2 18.2#

