

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135947.D
 Acq On : 25 Oct 2023 18:22
 Operator : CG\JU
 Sample : PB156288BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156288BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:31:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	179247	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	706348	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	349522	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	632347	20.000	ng	0.00
76) Chrysene-d12	14.010	240	398861	20.000	ng	0.00
86) Perylene-d12	15.486	264	371107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1515556	130.561	ng	0.02
7) Phenol-d6	6.463	99	1894572	131.098	ng	0.00
23) Nitrobenzene-d5	7.392	82	1045011	94.325	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	492587	161.010	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1895184	86.823	ng	0.00
79) Terphenyl-d14	12.951	244	2297739	96.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	190422	35.314	ng	99
3) Pyridine	3.463	79	506482	34.030	ng	99
4) n-Nitrosodimethylamine	3.428	42	279988	43.144	ng	99
6) Aniline	6.487	93	663191	34.081	ng	99
8) 2-Chlorophenol	6.610	128	575739	47.911	ng	97
9) Benzaldehyde	6.369	77	90334	11.555	ng	96
10) Phenol	6.475	94	687943m	45.535	ng	
11) bis(2-Chloroethyl)ether	6.563	93	534060	45.414	ng	96
12) 1,3-Dichlorobenzene	6.763	146	585466	45.868	ng	99
13) 1,4-Dichlorobenzene	6.839	146	594361	46.364	ng	97
14) 1,2-Dichlorobenzene	6.992	146	564810	47.446	ng	99
15) Benzyl Alcohol	6.969	79	432664	42.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	782668	45.193	ng	99
17) 2-Methylphenol	7.075	107	445745	42.086	ng	99
18) Hexachloroethane	7.334	117	209682	48.103	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	364241	44.323	ng	96
20) 3+4-Methylphenols	7.234	107	540850	42.311	ng	# 81
22) Acetophenone	7.239	105	726757	45.555	ng	# 91
24) Nitrobenzene	7.410	77	548535	46.953	ng	100
25) Isophorone	7.645	82	1012873	45.365	ng	99
26) 2-Nitrophenol	7.722	139	236753	54.408	ng	100
27) 2,4-Dimethylphenol	7.757	122	437858	43.029	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	621669	45.343	ng	99
29) 2,4-Dichlorophenol	7.963	162	447425	49.102	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	485485	47.056	ng	98
31) Naphthalene	8.128	128	1531145	44.836	ng	100
32) Benzoic acid	7.886	122	274408	52.896	ng	92
33) 4-Chloroaniline	8.175	127	310350	20.561	ng	98
34) Hexachlorobutadiene	8.245	225	274347	47.178	ng	100
35) Caprolactam	8.545	113	151707m	50.030	ng	
36) 4-Chloro-3-methylphenol	8.657	107	464068	47.923	ng	98
37) 2-Methylnaphthalene	8.822	142	966602	42.779	ng	100
38) 1-Methylnaphthalene	8.916	142	946302	44.821	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	448313	45.413	ng	99
41) Hexachlorocyclopentadiene	8.975	237	499692	102.655	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	295009	51.058	ng	98

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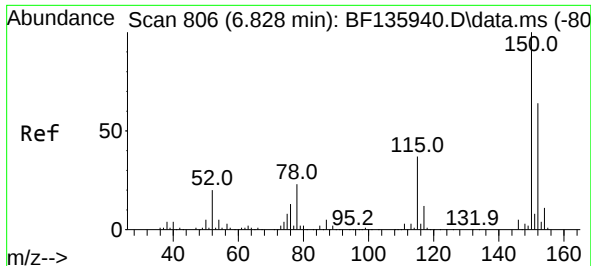
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 Supervised By :mohammad ahmed 10/26/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	325500	47.448	ng	95
46) 1,1'-Biphenyl	9.286	154	1217240	45.961	ng	100
47) 2-Chloronaphthalene	9.310	162	932984	47.627	ng	99
48) 2-Nitroaniline	9.404	65	270733	50.105	ng	100
49) Acenaphthylene	9.728	152	1473348	47.674	ng	99
50) Dimethylphthalate	9.592	163	1044570	46.085	ng	100
51) 2,6-Dinitrotoluene	9.651	165	234494	49.709	ng	# 84
52) Acenaphthene	9.898	154	979832m	49.472	ng	
53) 3-Nitroaniline	9.816	138	192799	35.592	ng	97
54) 2,4-Dinitrophenol	9.922	184	180597	90.611	ng	98
55) Dibenzofuran	10.069	168	1305995	45.644	ng	99
56) 4-Nitrophenol	9.980	139	443888	95.757	ng	97
57) 2,4-Dinitrotoluene	10.051	165	310673	52.754	ng	95
58) Fluorene	10.416	166	975760	45.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	282284	54.683	ng	99
60) Diethylphthalate	10.298	149	1005612	46.525	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	462564	44.796	ng	99
62) 4-Nitroaniline	10.439	138	257360	46.397	ng	94
63) Azobenzene	10.569	77	999231	45.555	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	119367	54.491	ng	99
66) n-Nitrosodiphenylamine	10.527	169	909424	47.606	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	307396	47.467	ng	98
68) Hexachlorobenzene	10.957	284	354504	51.245	ng	98
69) Atrazine	11.063	200	293276	56.316	ng	99
70) Pentachlorophenol	11.157	266	407234	92.168	ng	100
71) Phenanthrene	11.380	178	1523926	47.634	ng	100
72) Anthracene	11.433	178	1552856	47.405	ng	100
73) Carbazole	11.586	167	1415428	48.438	ng	98
74) Di-n-butylphthalate	11.927	149	1523894	49.008	ng	99
75) Fluoranthene	12.569	202	1608336	47.786	ng	97
77) Benzidine	12.698	184	391644	50.923	ng	99
78) Pyrene	12.804	202	1671007	49.896	ng	99
80) Butylbenzylphthalate	13.433	149	624657	49.246	ng	94
81) Benzo(a)anthracene	13.992	228	1351523	49.834	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	348088	42.187	ng	99
83) Chrysene	14.033	228	1261856	47.772	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	742444	53.912	ng	99
85) Di-n-octyl phthalate	14.621	149	1173584	54.097	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1190857	56.592	ng	100
88) Benzo(b)fluoranthene	15.051	252	1153682	52.237	ng	99
89) Benzo(k)fluoranthene	15.086	252	1022306	47.131	ng	100
90) Benzo(a)pyrene	15.427	252	967948	47.554	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	991637	55.093	ng	98
92) Benzo(g,h,i)perylene	17.456	276	980925	47.937	ng	100

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



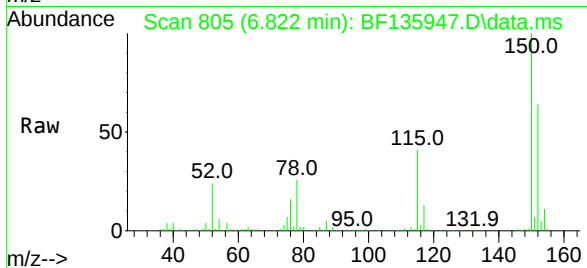
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

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PB156288BS



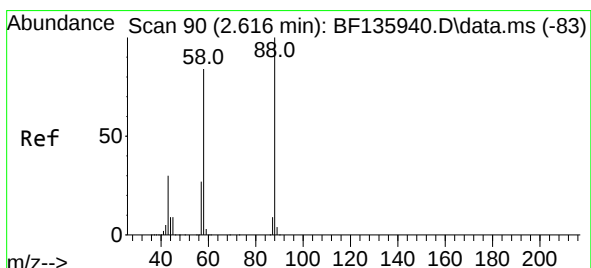
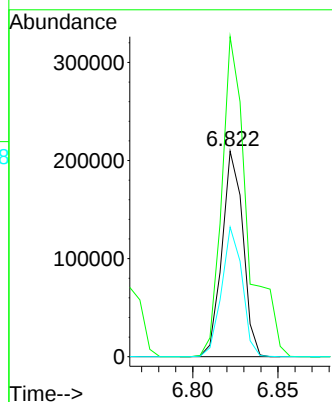
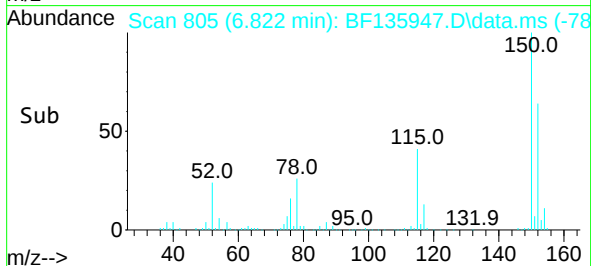
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Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.1 46.6 69.8

Manual Integrations

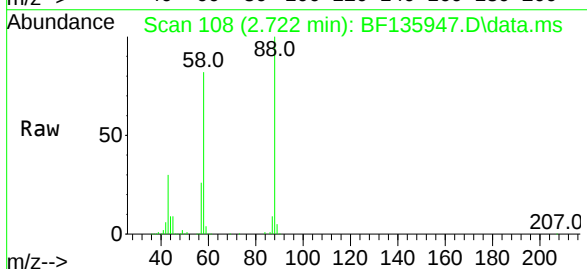
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Reviewed By :Yogesh Patel 10/26/2023

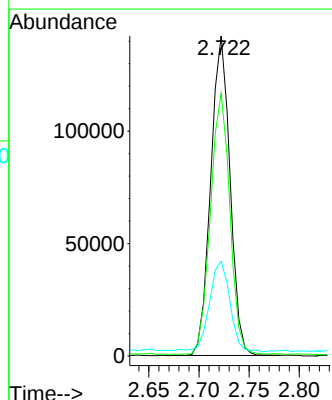
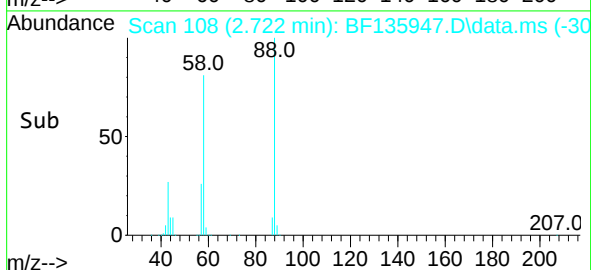
Supervised By :mohammad ahmed 10/26/2023

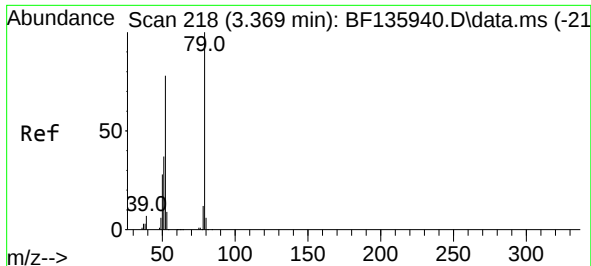


#2
1,4-Dioxane
Concen: 35.314 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.106 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



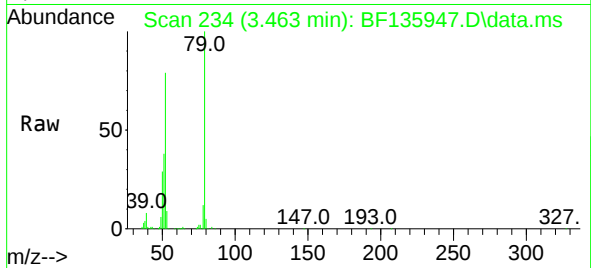
Tgt Ion: 88 Resp: 190422
Ion Ratio Lower Upper
88 100
58 82.1 66.6 100.0
43 30.4 23.8 35.8





#3
Pyridine
Concen: 34.030 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

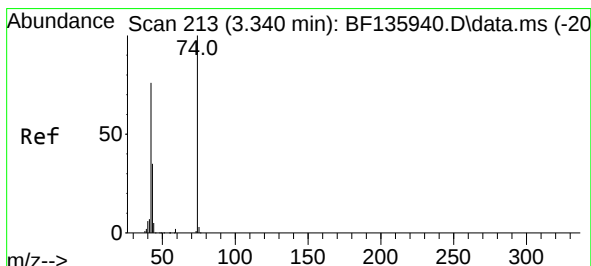
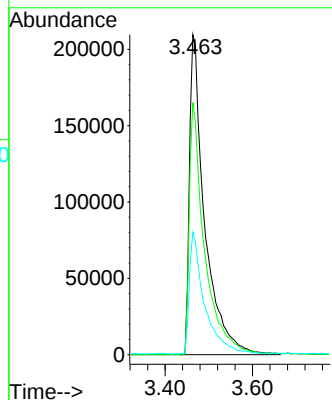
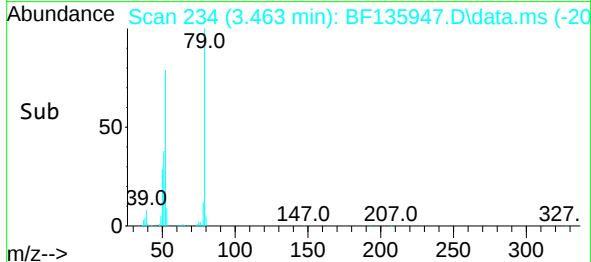
Instrument :
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ClientSampleId :
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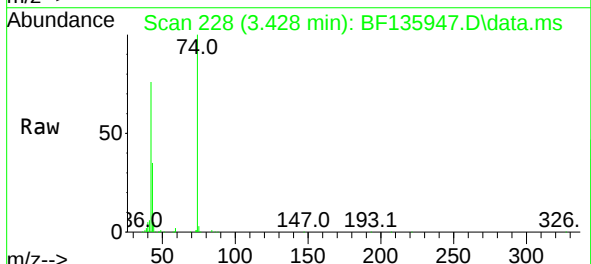
Tgt Ion: 79 Resp: 50648
Ion Ratio Lower Upper
79 100
52 78.8 62.6 93.8
51 38.3 29.8 44.8

Manual Integrations
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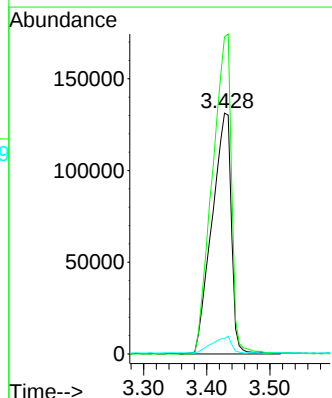
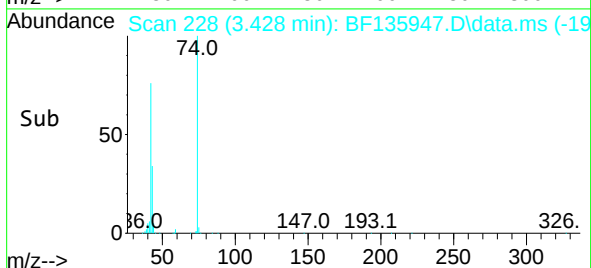
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 43.144 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion: 42 Resp: 279988
Ion Ratio Lower Upper
42 100
74 131.7 104.8 157.2
44 6.5 5.9 8.9





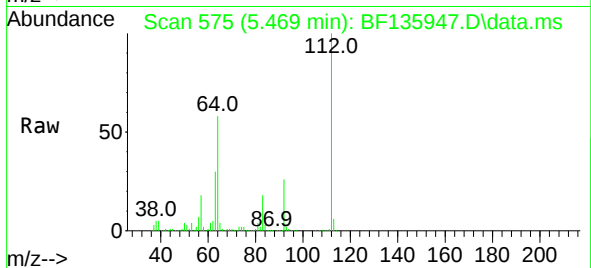
#5
2-Fluorophenol
Concen: 130.561 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

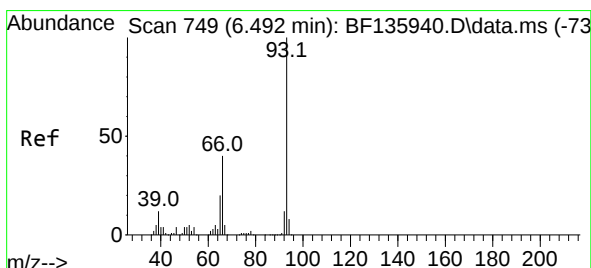
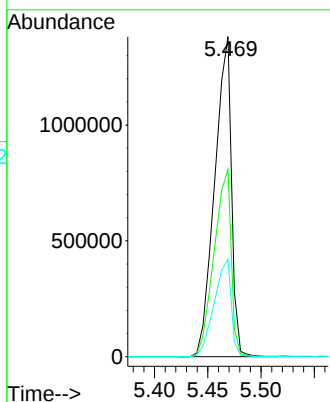
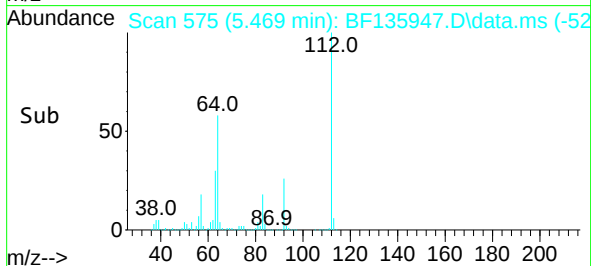


Tgt Ion:112 Resp: 151556
Ion Ratio Lower Upper
112 100
64 58.5 45.1 67.7
63 30.4 23.0 34.4

Manual Integrations

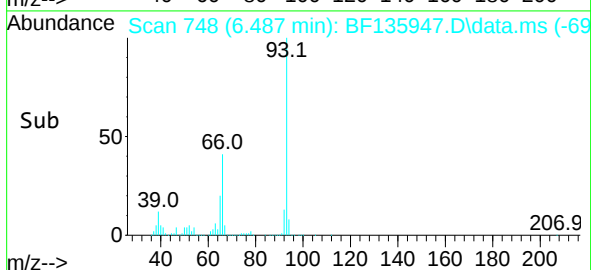
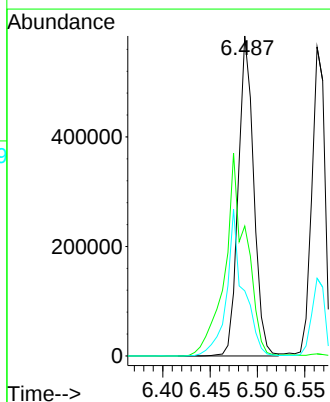
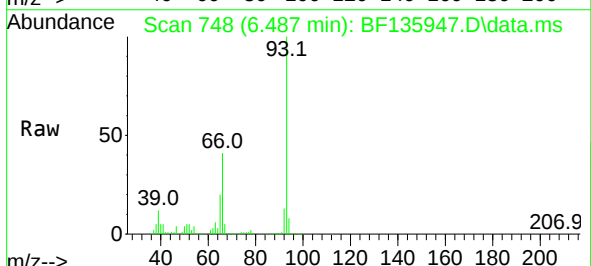
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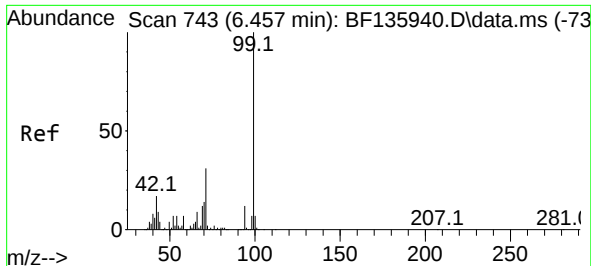
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 34.081 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

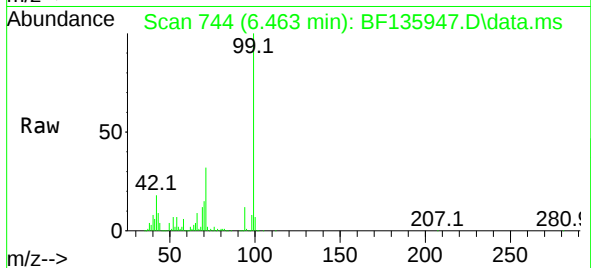
Tgt Ion: 93 Resp: 663191
Ion Ratio Lower Upper
93 100
66 40.6 32.0 48.0
65 20.4 16.2 24.4





#7
Phenol-d6
Concen: 131.098 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

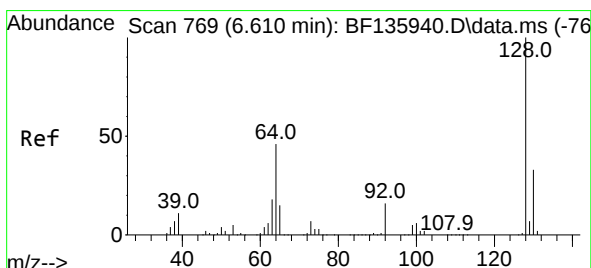
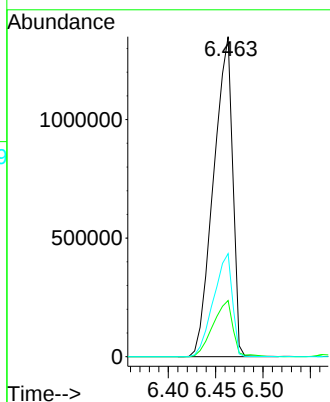
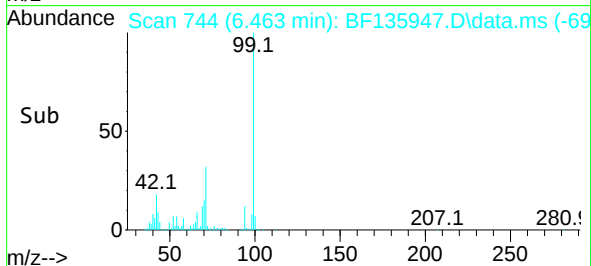
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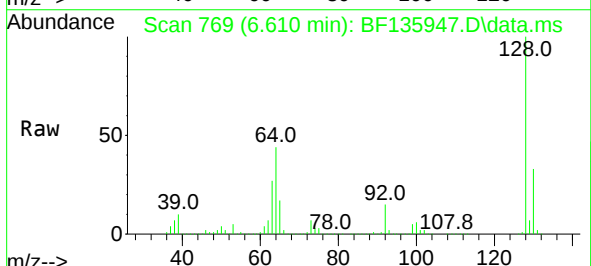
Tgt Ion: 99 Resp: 1894572
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 32.2 25.1 37.7

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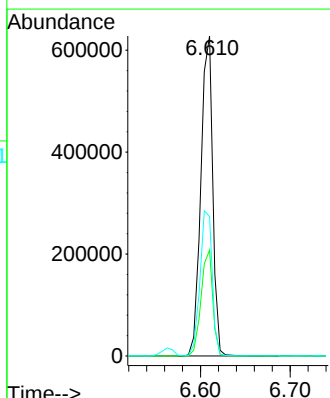
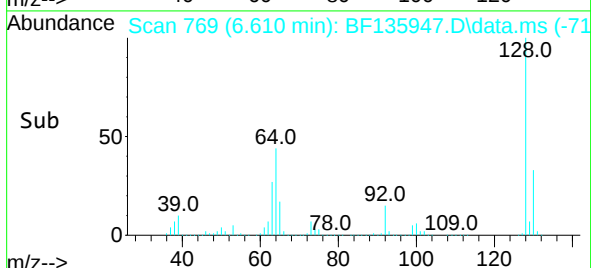
Reviewed By :Yogesh Patel 10/26/2023
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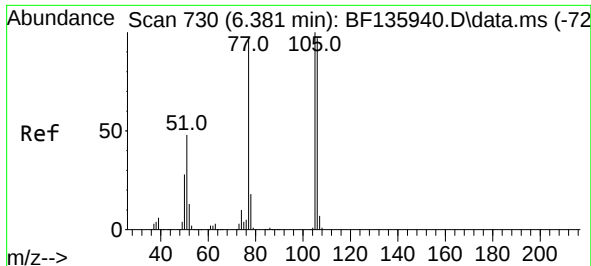


#8
2-Chlorophenol
Concen: 47.911 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:128 Resp: 575739
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 43.6 27.0 67.0





#9

Benzaldehyde

Concen: 11.555 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135947.D

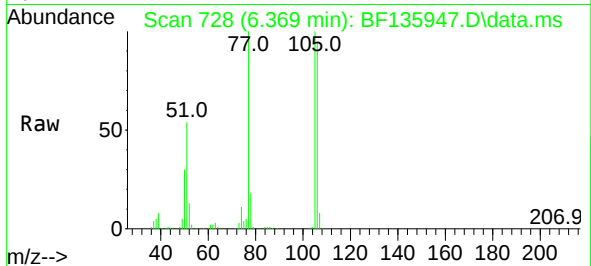
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

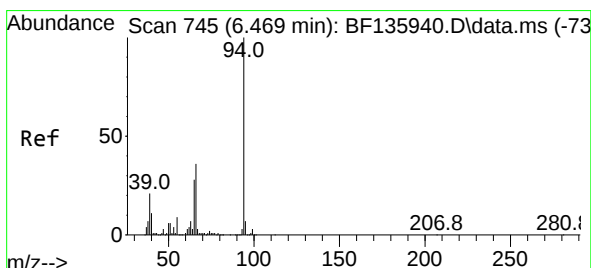
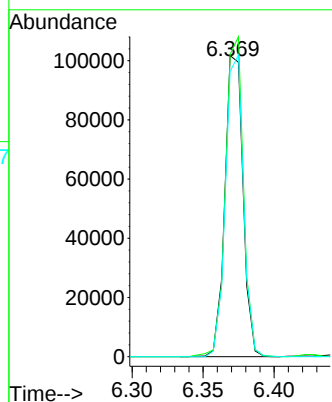
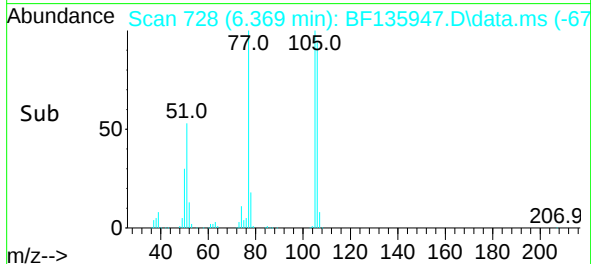
PB156288BS



Tgt Ion: 77	Resp: 90334
Ion Ratio	Lower Upper
77	100
105	100.4 83.2 123.2
106	94.8 80.0 120.0

Manual Integrations
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#10

Phenol

Concen: 45.535 ng m

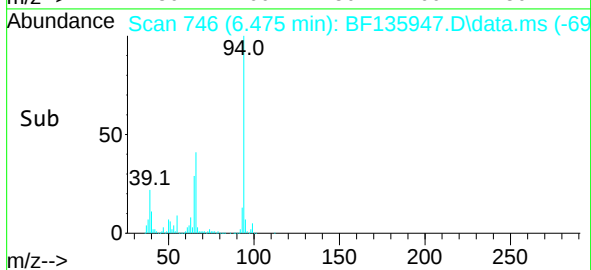
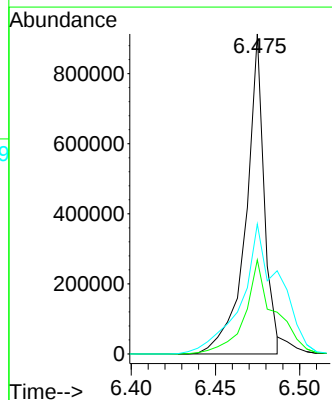
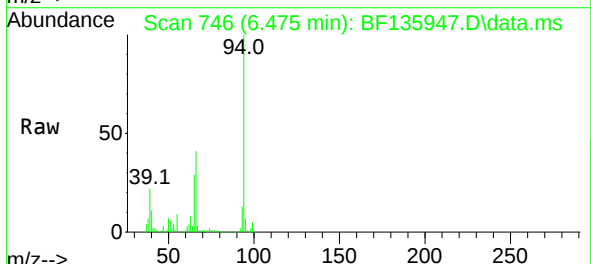
RT: 6.475 min Scan# 746

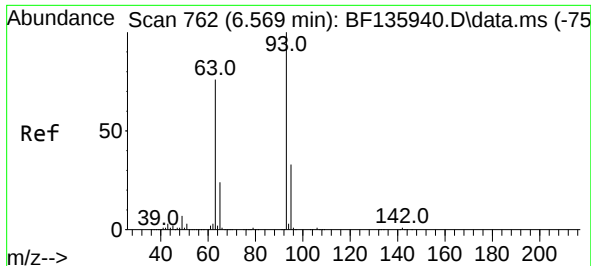
Delta R.T. 0.006 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Tgt Ion: 94	Resp: 687943
Ion Ratio	Lower Upper
94	100
65	29.4 7.8 47.8
66	40.6 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 45.414 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

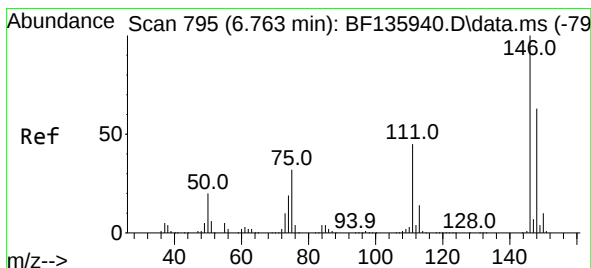
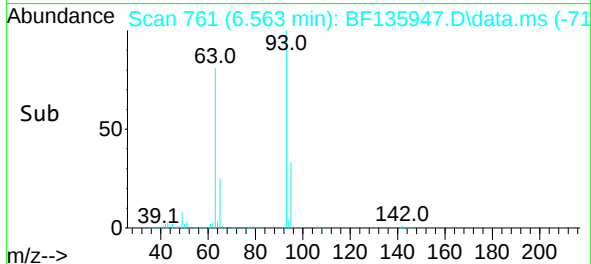
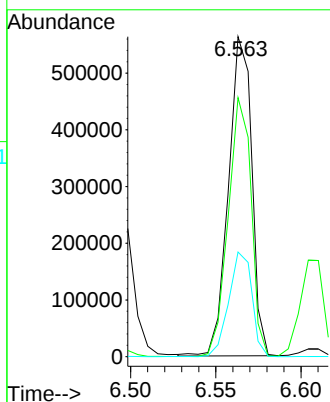
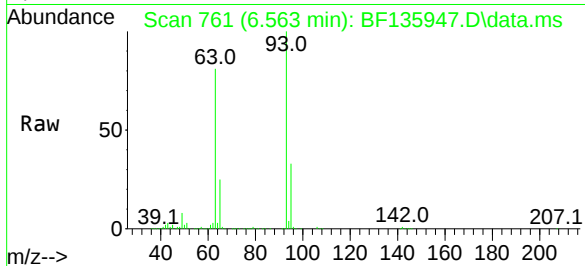
ClientSampleId :

PB156288BS

Tgt Ion: 93 Resp: 534060
Ion Ratio Lower Upper
93 100
63 80.9 56.2 96.2
95 32.7 12.9 52.9

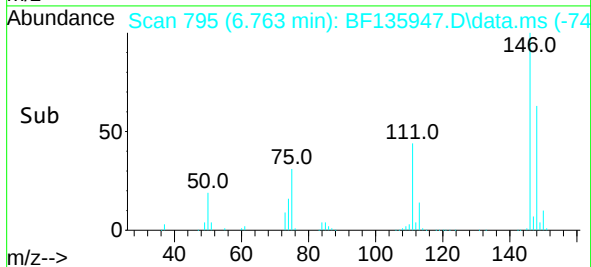
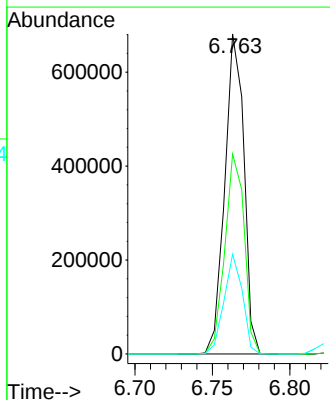
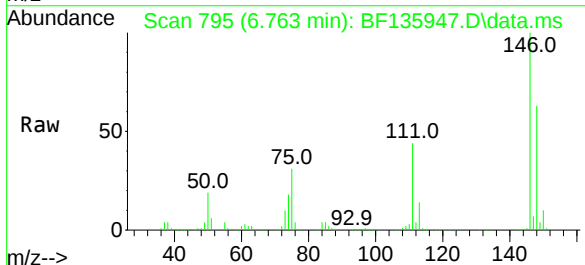
Manual Integrations
APPROVED

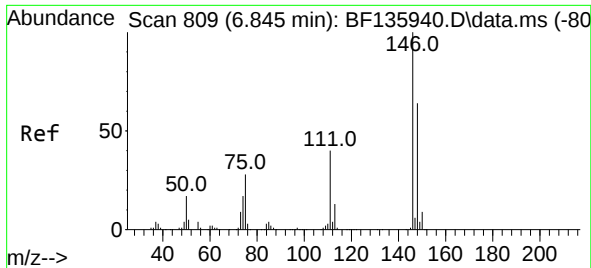
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 45.868 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:146 Resp: 585466
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.4
75 31.2 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 46.364 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

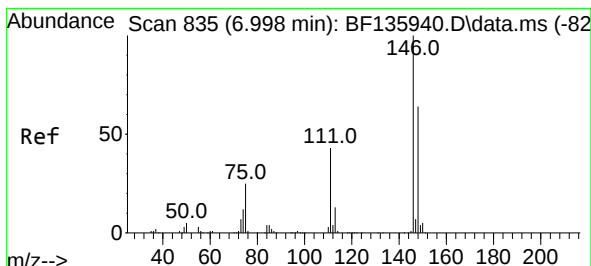
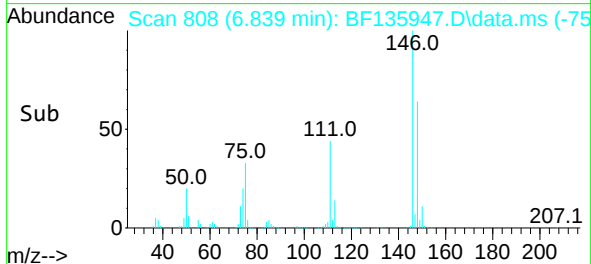
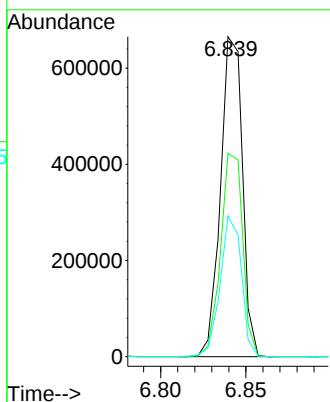
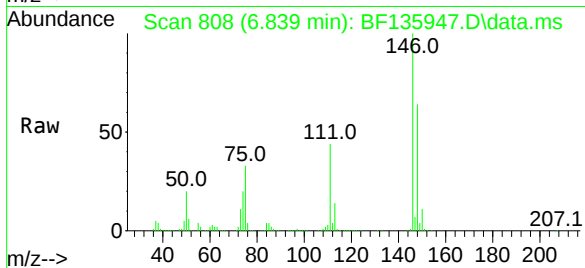
ClientSampleId :

PB156288BS

Tgt Ion:146 Resp: 59436
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 44.0 31.8 47.8

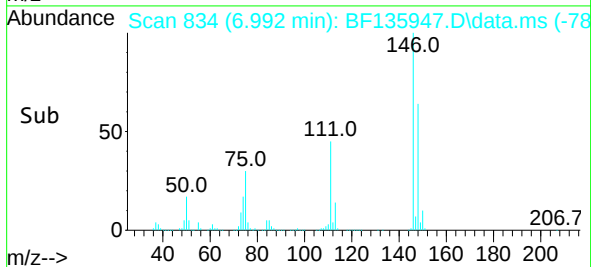
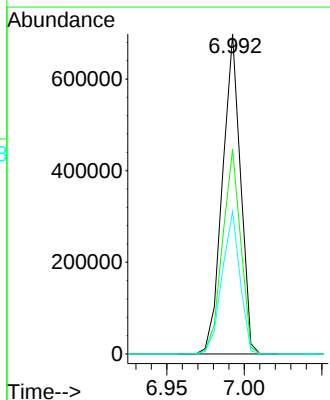
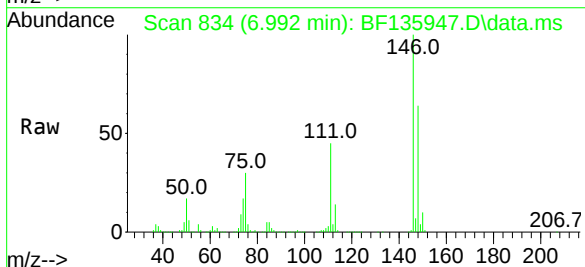
Manual Integrations
APPROVED

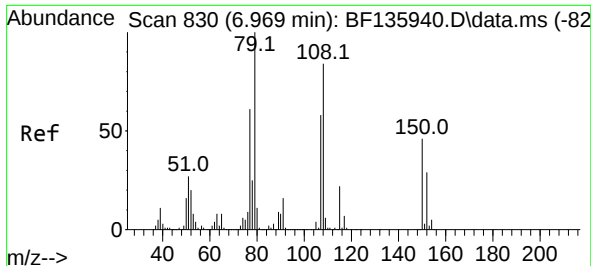
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 47.446 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:146 Resp: 564810
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 44.5 34.2 51.4





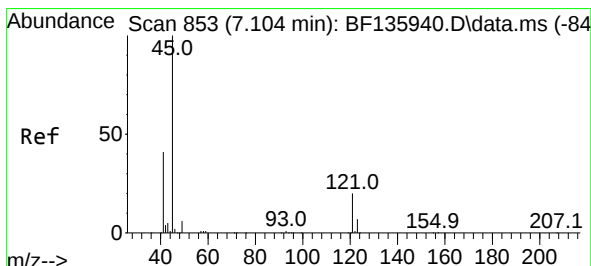
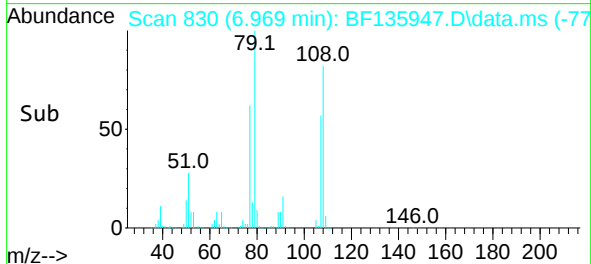
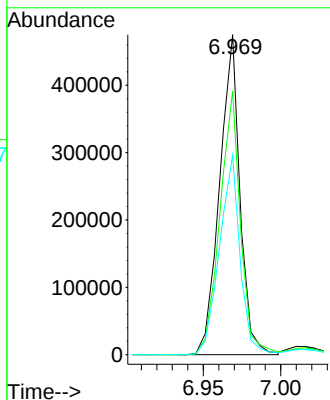
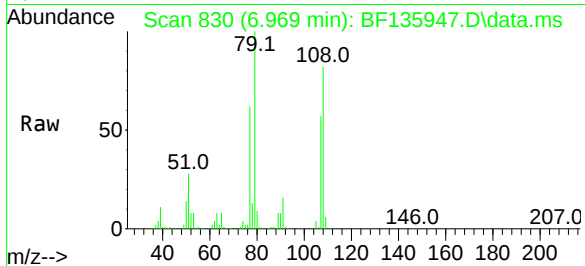
#15
Benzyl Alcohol
Concen: 42.352 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :
BNA_F
ClientSampleId :
PB156288BS

Tgt Ion: 79 Resp: 432664
Ion Ratio Lower Upper
79 100
108 82.4 67.2 100.8
77 62.3 49.0 73.6

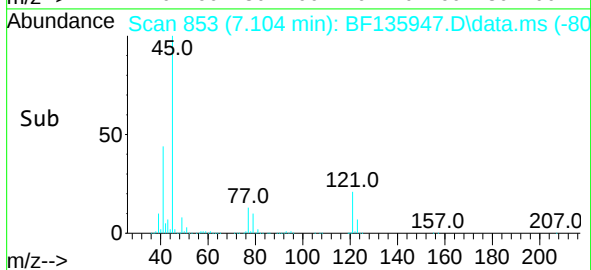
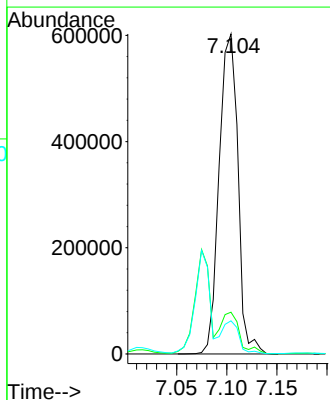
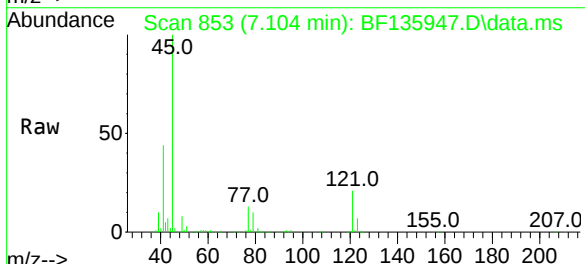
Manual Integrations
APPROVED

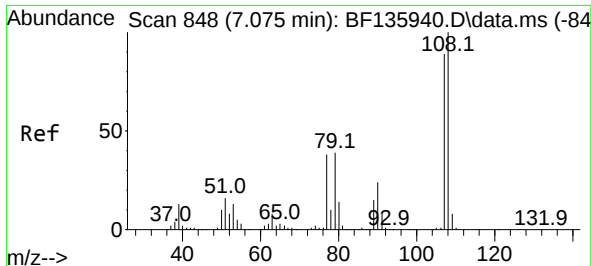
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.193 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

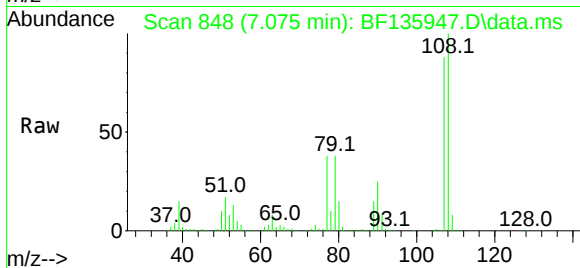
Tgt Ion: 45 Resp: 782668
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.2
79 10.4 0.0 29.8





#17
2-Methylphenol
Concen: 42.086 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

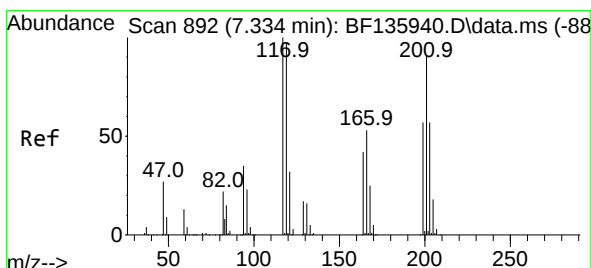
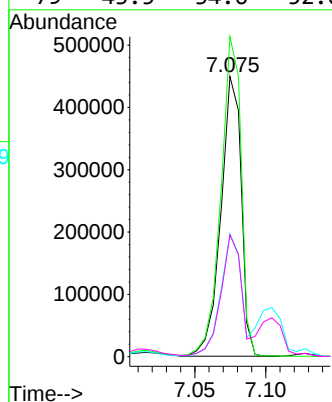
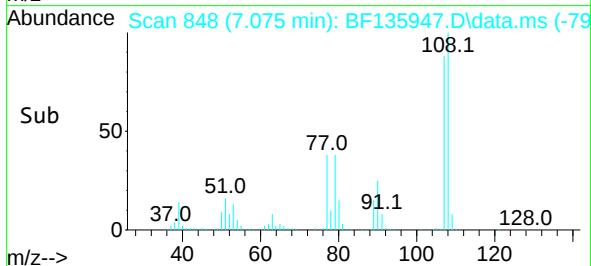
Instrument :
BNA_F
ClientSampleId :
PB156288BS



Tgt Ion:107 Resp: 445749
Ion Ratio Lower Upper
107 100
108 114.2 89.8 134.6
77 43.8 34.2 51.2
79 43.5 34.6 52.0

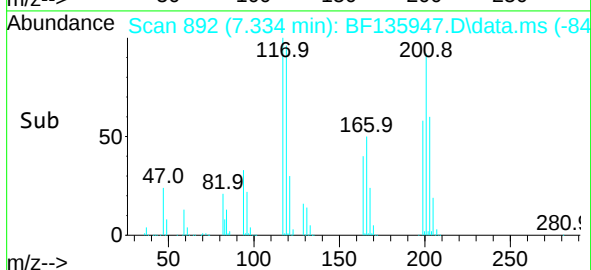
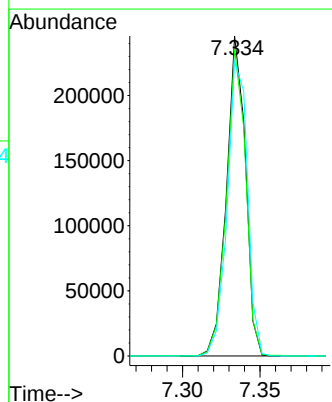
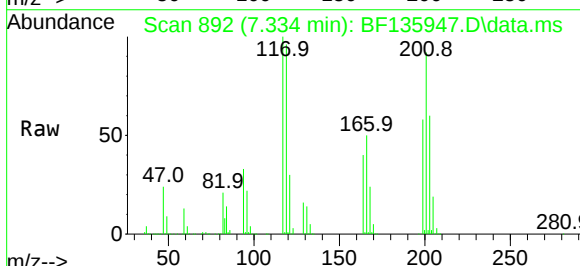
Manual Integrations
APPROVED

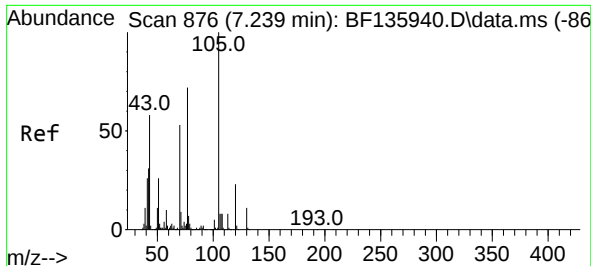
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 48.103 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:117 Resp: 209682
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
201 92.1 72.8 109.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.323 ng

RT: 7.245 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF135947.D

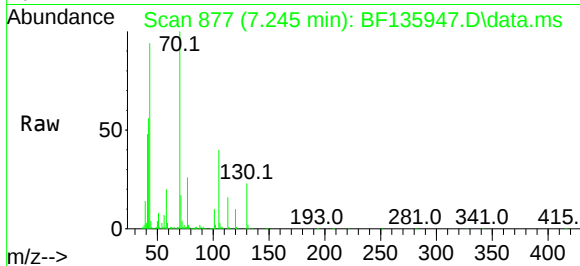
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion: 70 Resp: 36424

Ion Ratio Lower Upper

70 100

42 56.3 47.3 70.9

101 10.1 7.8 11.8

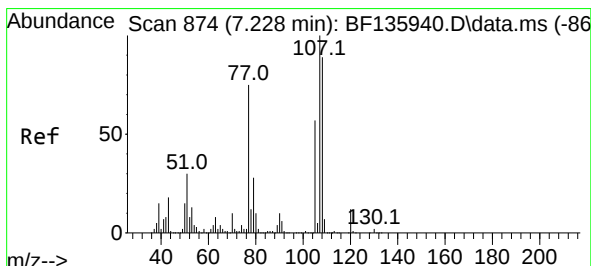
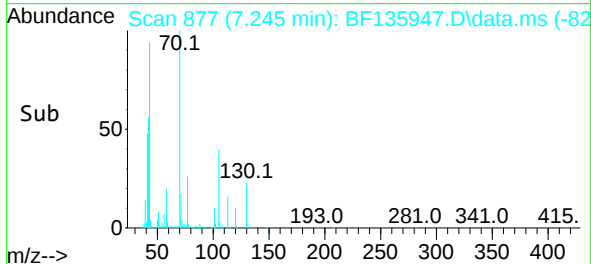
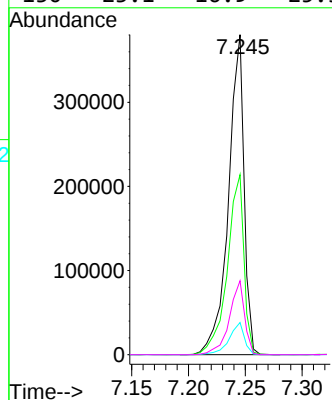
130 23.1 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#20

3+4-Methylphenols

Concen: 42.311 ng

RT: 7.234 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Tgt Ion:107 Resp: 540850

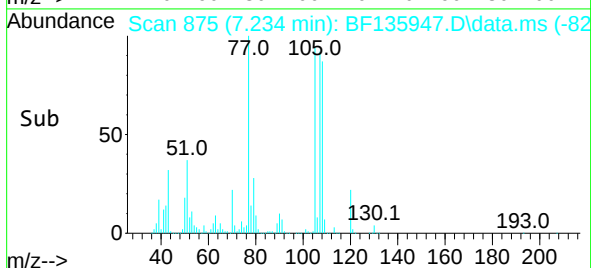
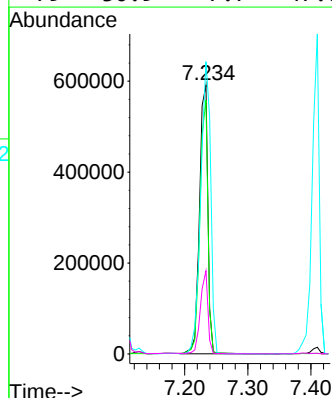
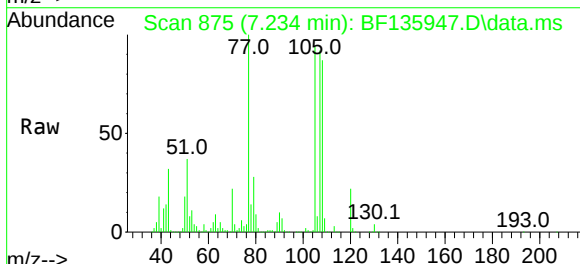
Ion Ratio Lower Upper

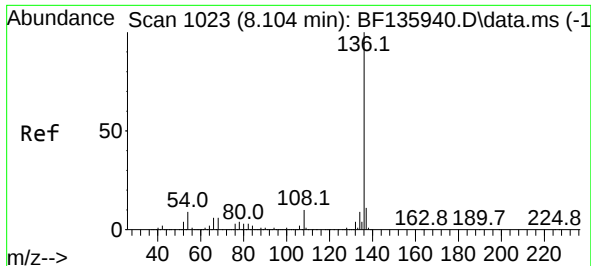
107 100

108 94.4 69.1 109.1

77 108.8 55.0 95.0#

79 30.9 7.7 47.7





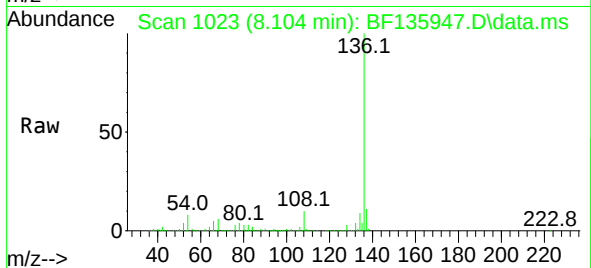
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

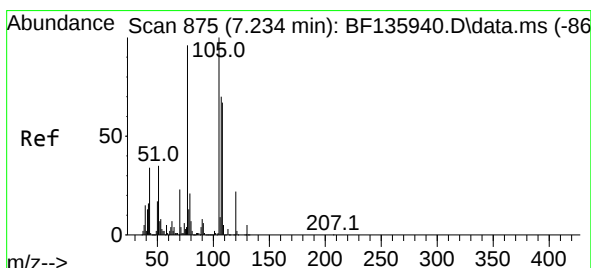
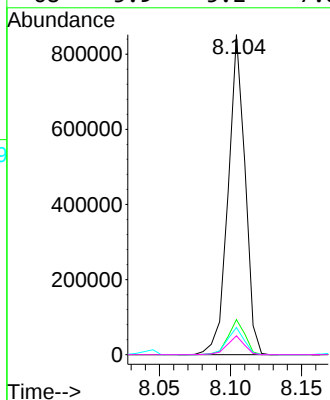
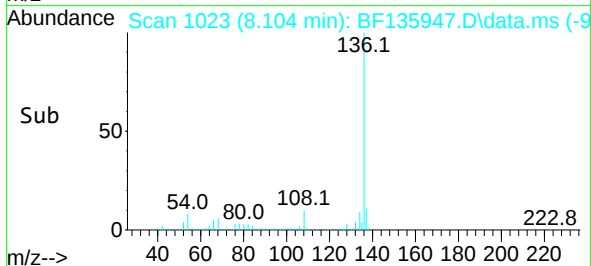


Tgt Ion:136 Resp: 706348
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.5 7.1 10.7
68 5.9 5.2 7.8

Manual Integrations

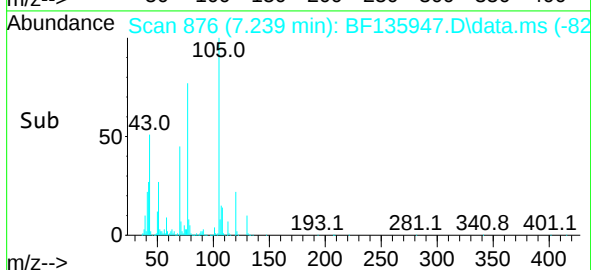
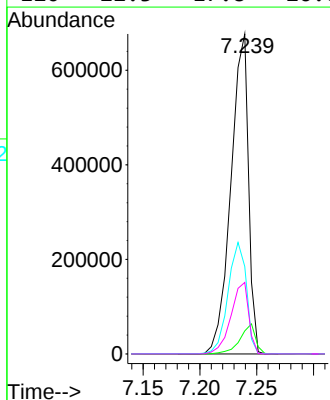
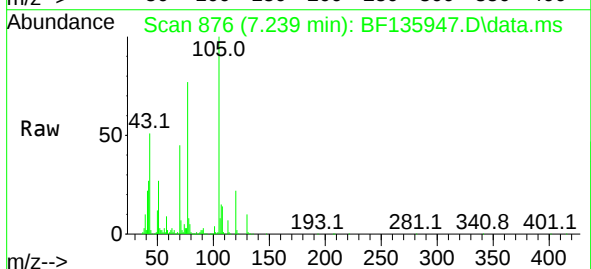
APPROVED

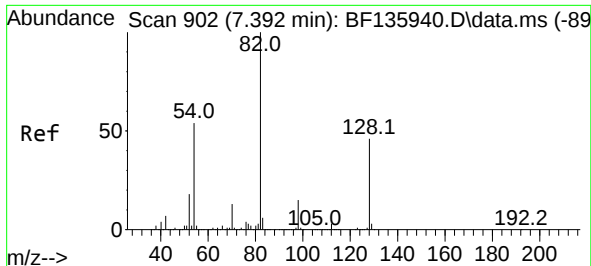
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 45.555 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:105 Resp: 726757
Ion Ratio Lower Upper
105 100
71 7.2 3.4 5.2#
51 27.3 28.4 42.6#
120 22.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 94.325 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

Tgt Ion: 82 Resp: 104501

Ion Ratio Lower Upper

82 100

128 48.7 36.8 55.2

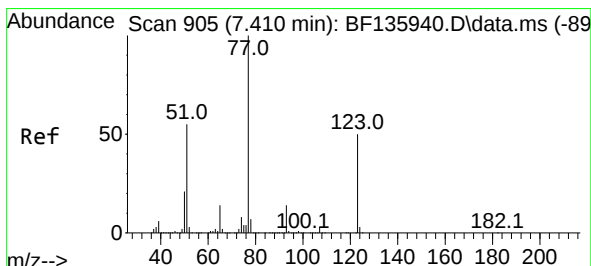
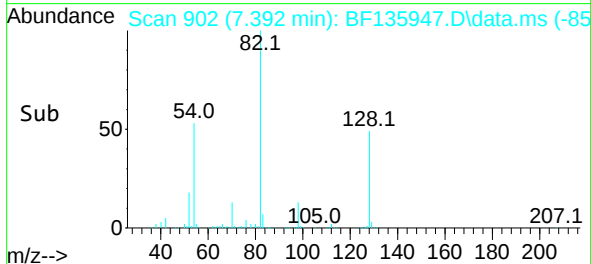
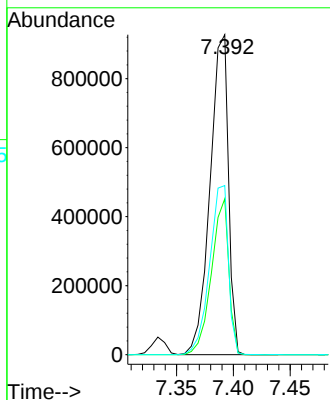
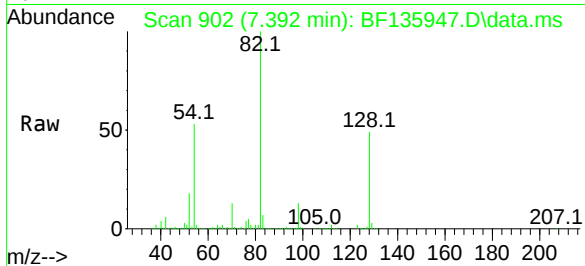
54 52.8 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 46.953 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

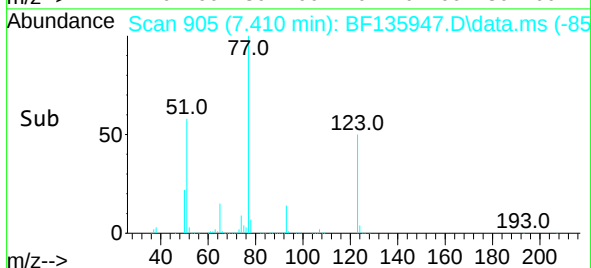
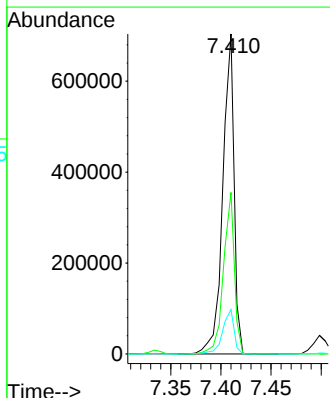
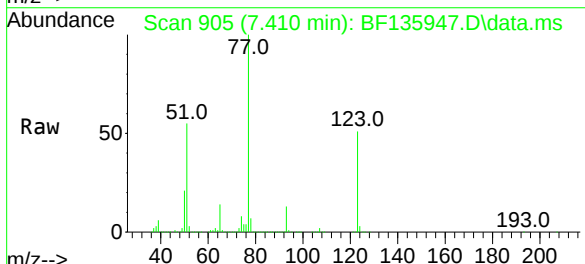
Tgt Ion: 77 Resp: 548535

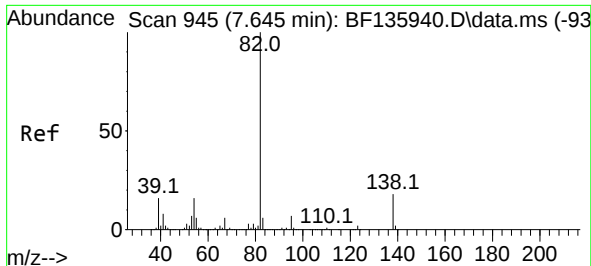
Ion Ratio Lower Upper

77 100

123 50.5 40.2 60.2

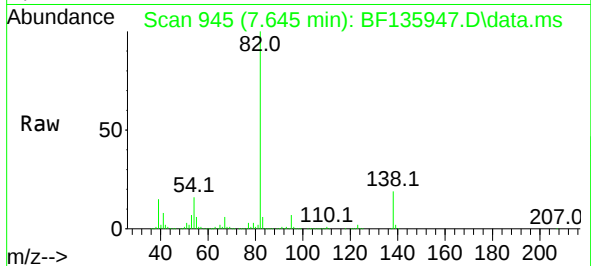
65 13.9 11.0 16.4





#25
Isophorone
Concen: 45.365 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

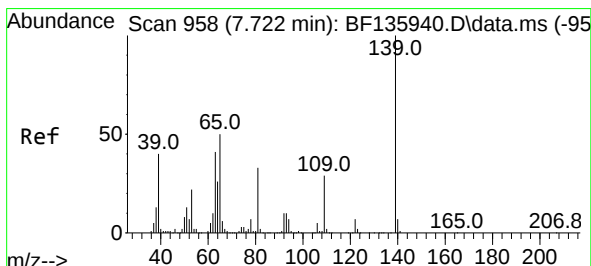
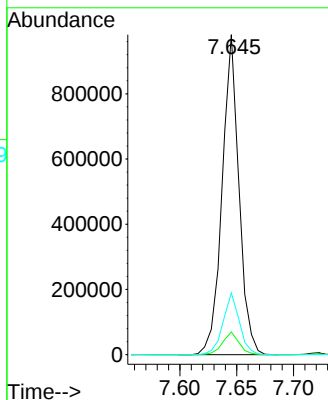
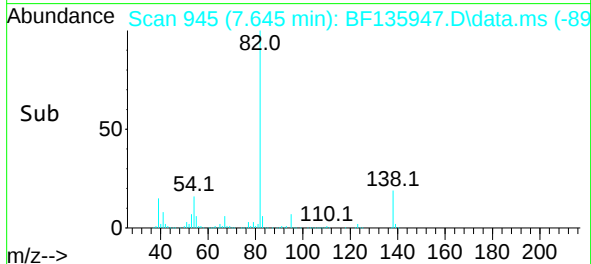
Instrument :
BNA_F
ClientSampleId :
PB156288BS



Tgt Ion: 82 Resp: 101287
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.3 14.8 22.2

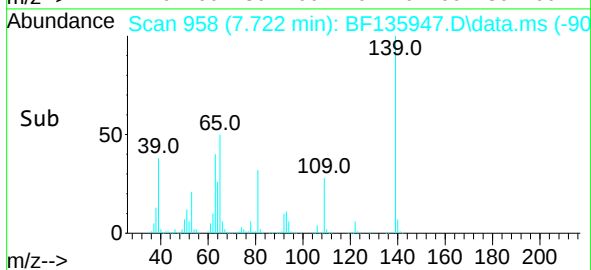
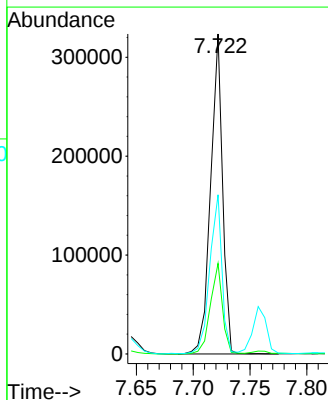
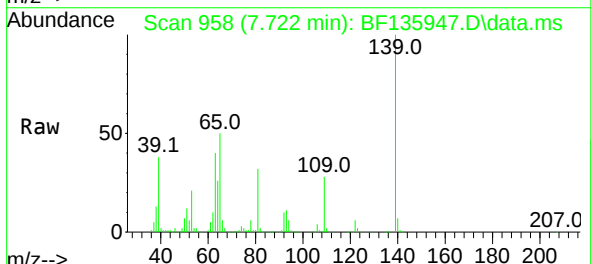
Manual Integrations
APPROVED

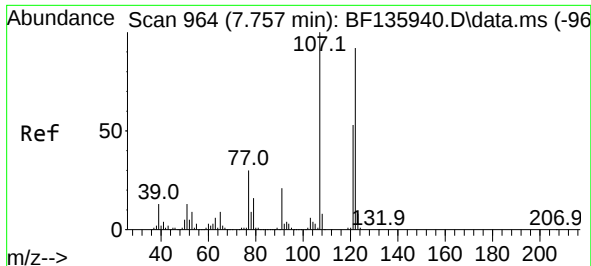
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#26
2-Nitrophenol
Concen: 54.408 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:139 Resp: 236753
Ion Ratio Lower Upper
139 100
109 28.3 23.1 34.7
65 49.8 39.8 59.8





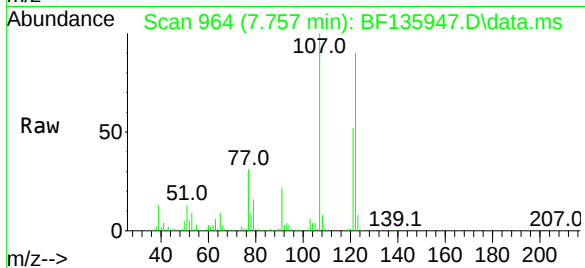
#27
2,4-Dimethylphenol
Concen: 43.029 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

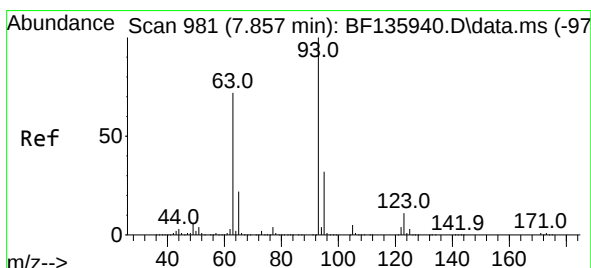
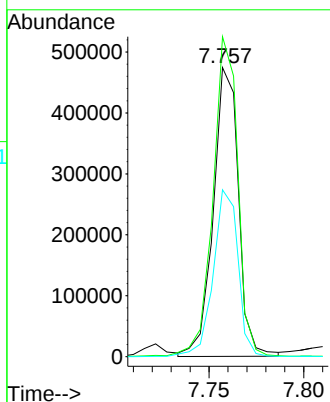
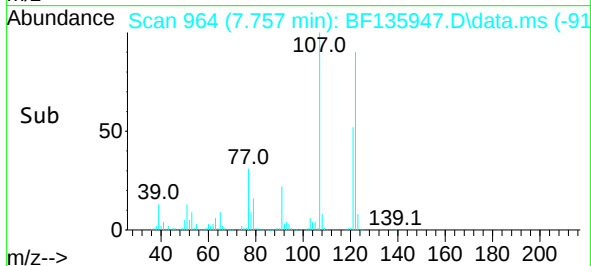


Tgt Ion:122 Resp: 437858
Ion Ratio Lower Upper
122 100
107 110.7 87.1 130.7
121 57.7 45.9 68.9

Manual Integrations

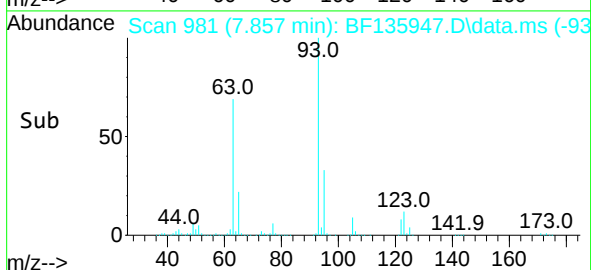
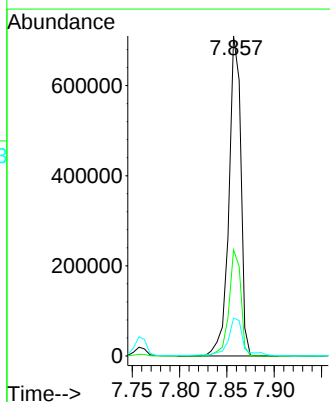
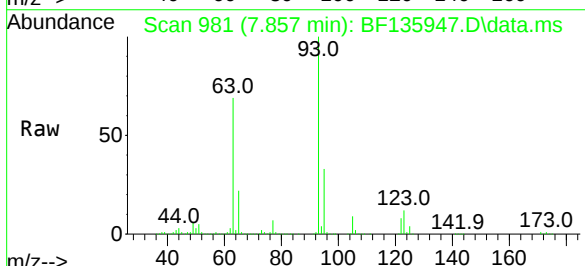
APPROVED

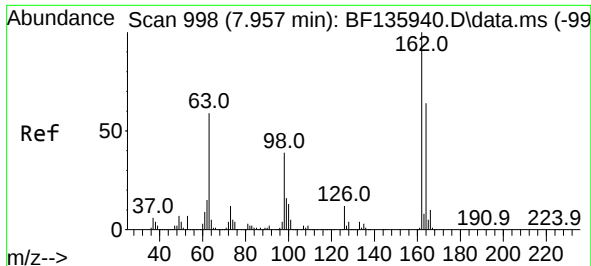
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.343 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion: 93 Resp: 621669
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 11.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 49.102 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

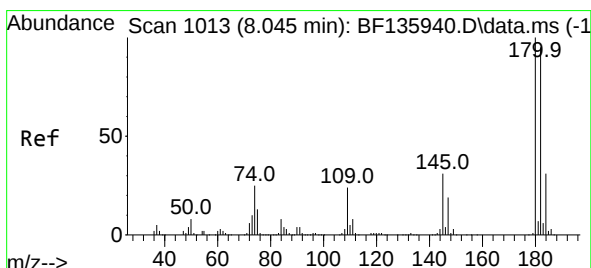
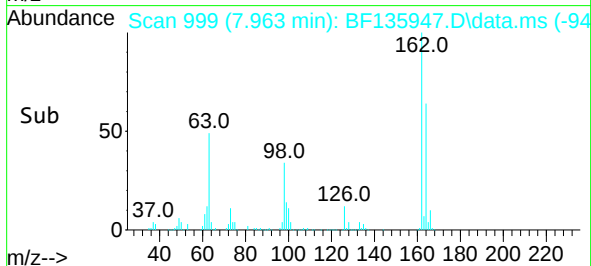
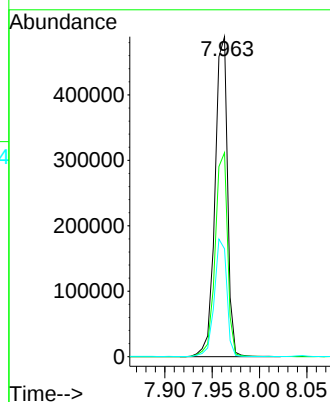
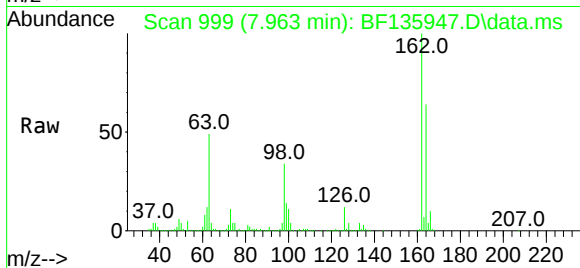
ClientSampleId :

PB156288BS

Tgt Ion:162 Resp: 447425
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 33.7 18.8 58.8

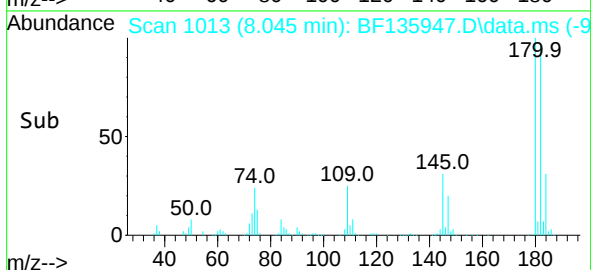
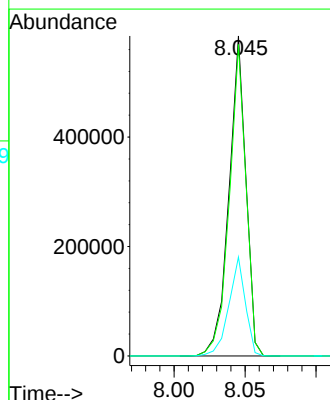
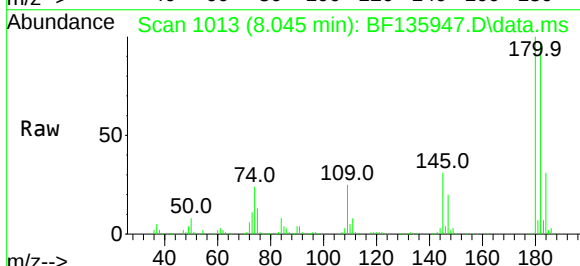
Manual Integrations
APPROVED

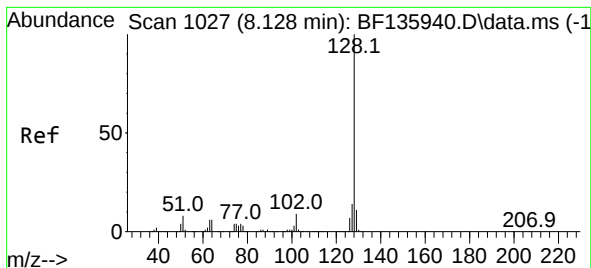
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.056 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:180 Resp: 485485
Ion Ratio Lower Upper
180 100
182 97.3 76.0 114.0
145 30.9 24.6 36.8





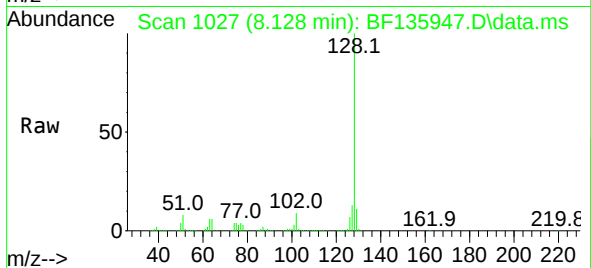
#31
Naphthalene
Concen: 44.836 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



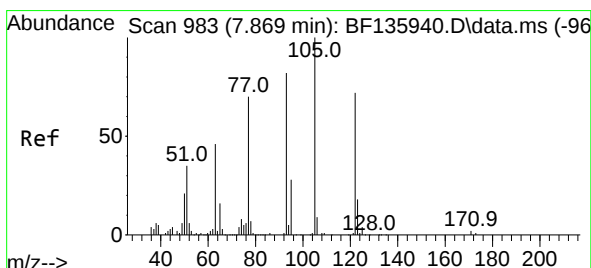
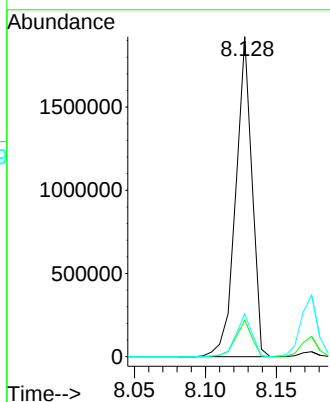
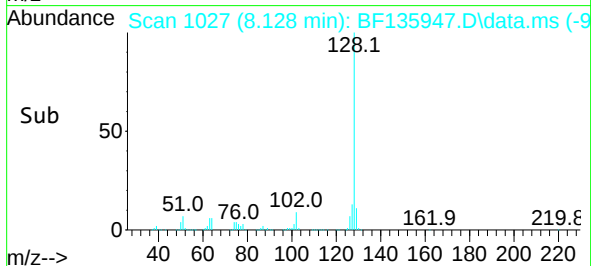
Tgt Ion:128 Resp: 153114
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.9 16.3

Manual Integrations

APPROVED

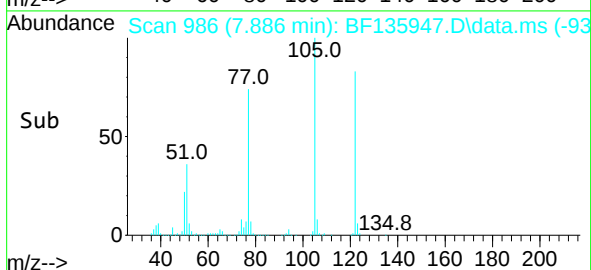
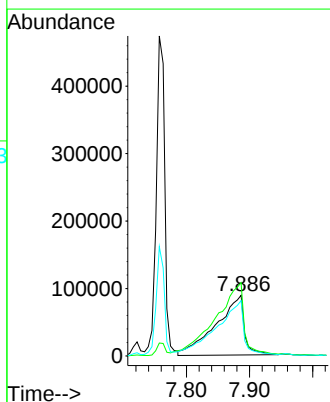
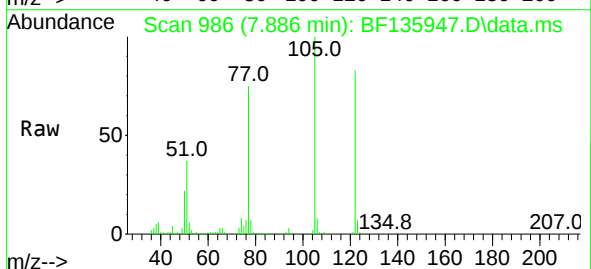
Reviewed By :Yogesh Patel 10/26/2023

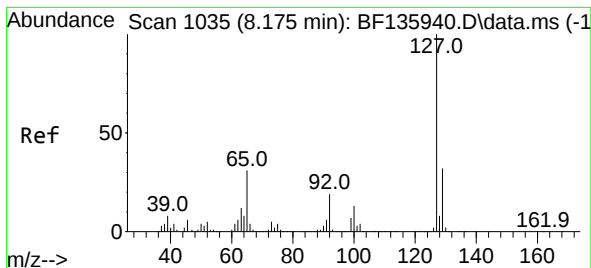
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 52.896 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:122 Resp: 274408
Ion Ratio Lower Upper
122 100
105 121.0 113.1 153.1
77 91.3 75.2 115.2





#33
4-Chloroaniline
Concen: 20.561 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

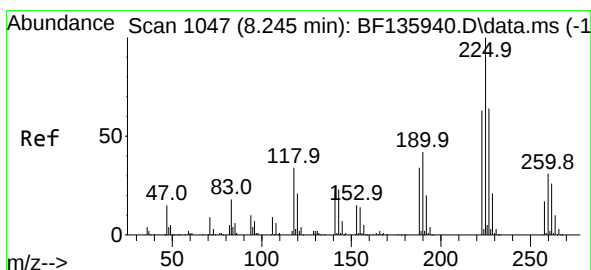
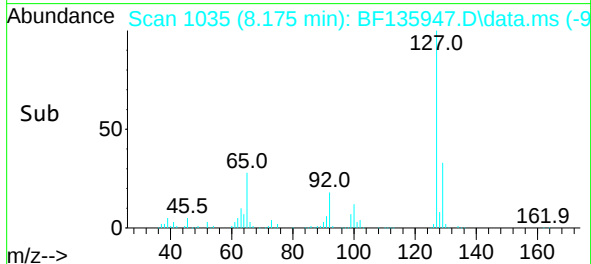
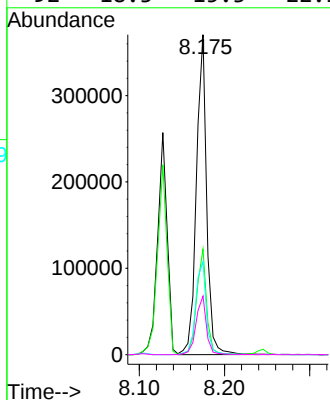
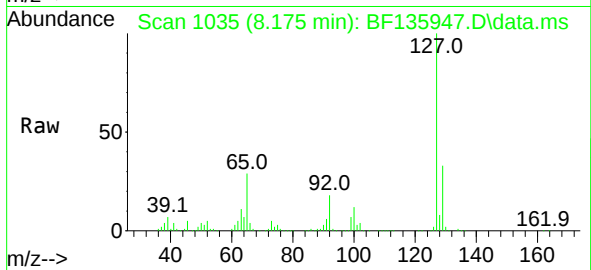
ClientSampleId :

PB156288BS

Tgt Ion:127 Resp: 310350
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5
65 29.0 24.8 37.2
92 18.3 15.3 22.9

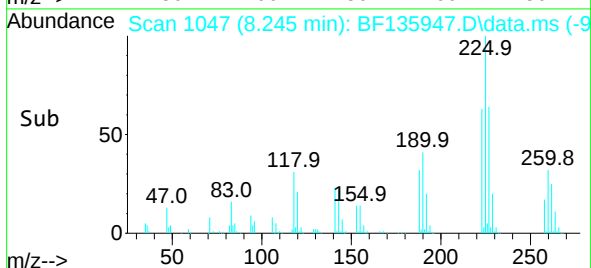
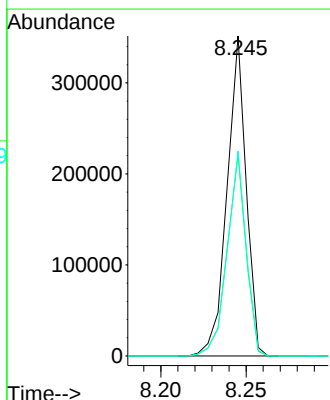
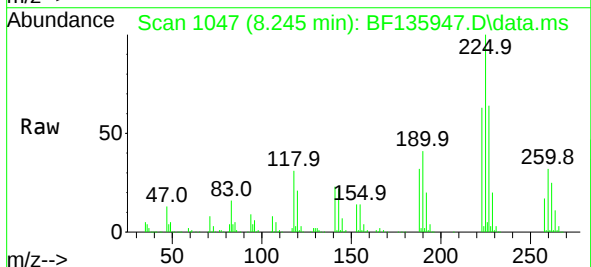
Manual Integrations
APPROVED

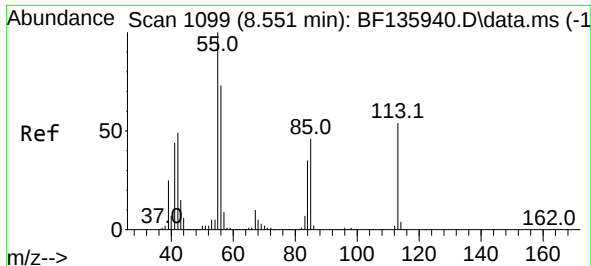
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 47.178 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

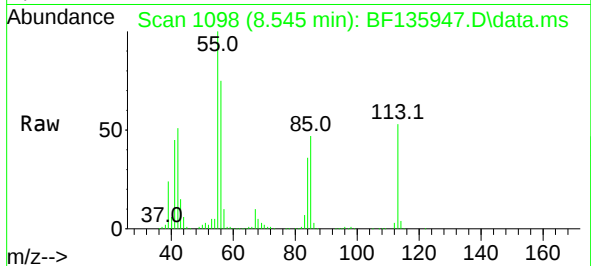
Tgt Ion:225 Resp: 274347
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 64.0 50.9 76.3





#35
Caprolactam
Concen: 50.030 ng m
RT: 8.545 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

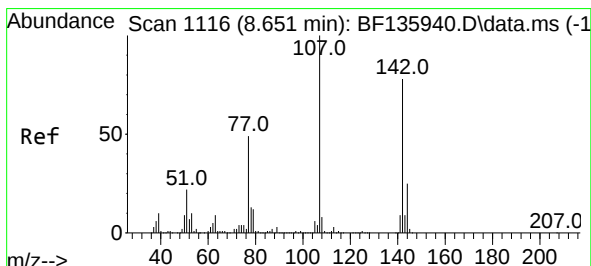
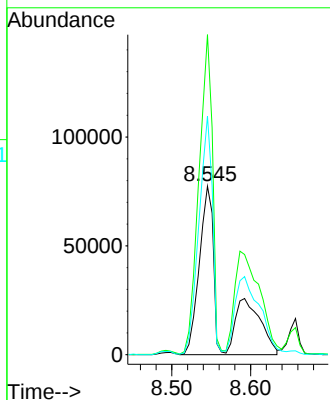
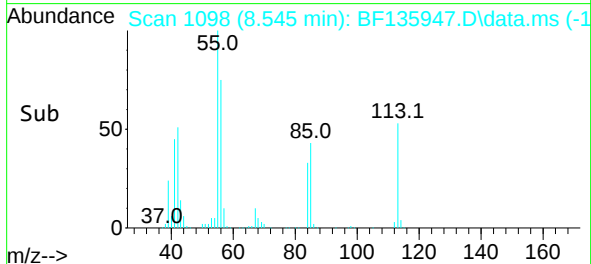
Instrument :
BNA_F
ClientSampleId :
PB156288BS



Tgt Ion:113 Resp: 15170
Ion Ratio Lower Upper
113 100
55 190.0 165.4 205.4
56 141.6 115.2 155.2

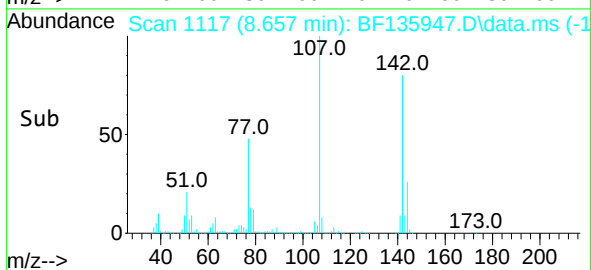
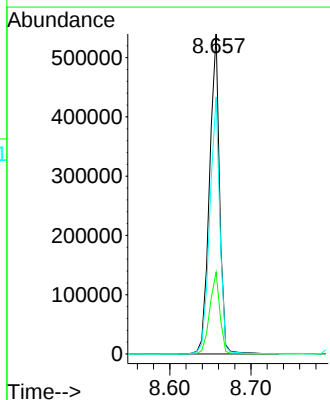
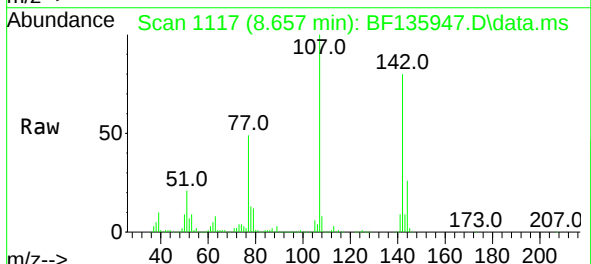
Manual Integrations
APPROVED

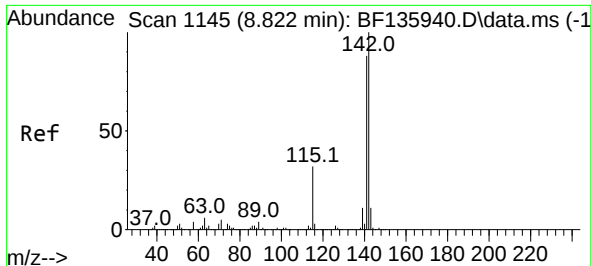
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 47.923 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:107 Resp: 464068
Ion Ratio Lower Upper
107 100
144 25.6 19.9 29.9
142 80.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.779 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

Tgt Ion:142 Resp: 966602

Ion Ratio Lower Upper

142 100

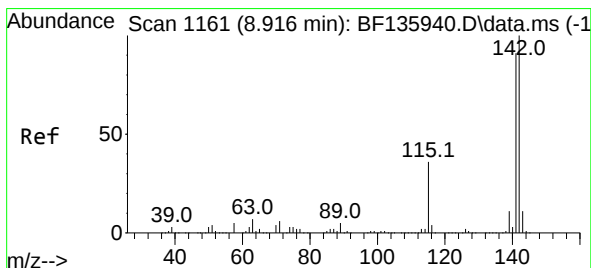
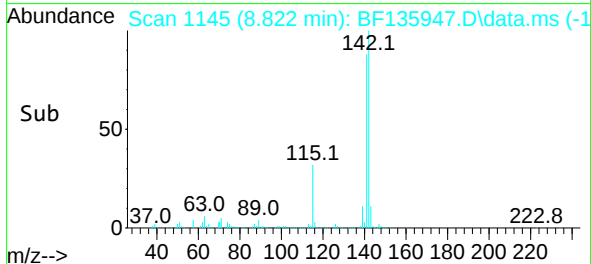
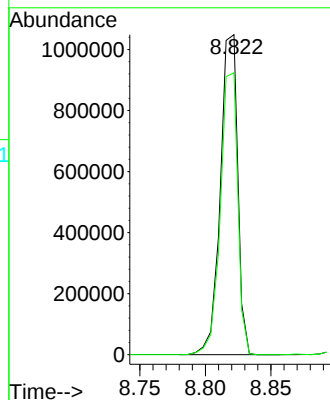
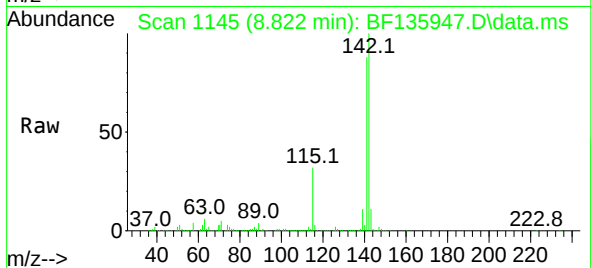
141 88.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 44.821 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135947.D

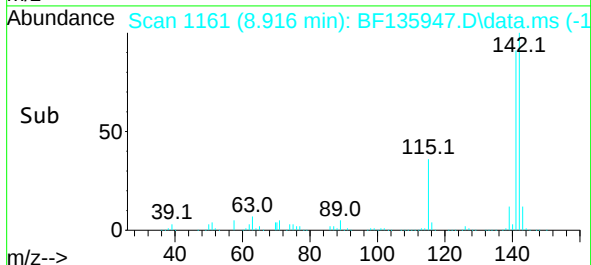
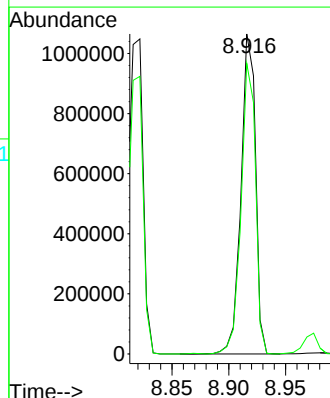
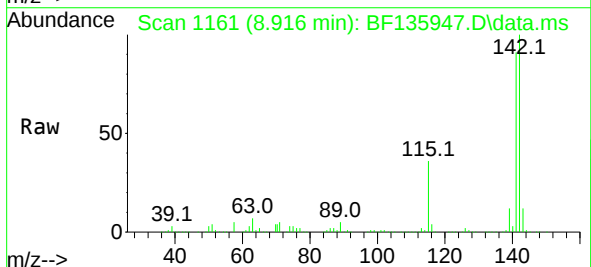
Acq: 25 Oct 2023 18:22

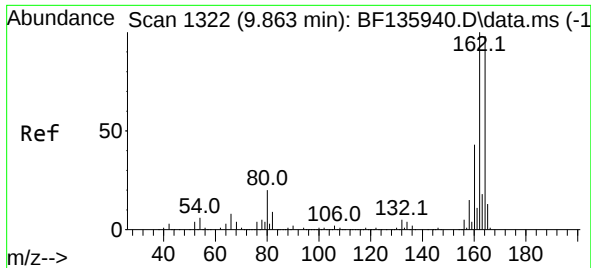
Tgt Ion:142 Resp: 946302

Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7





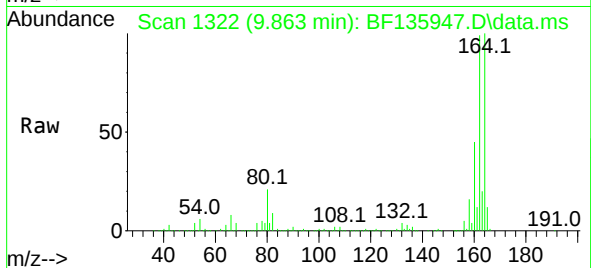
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

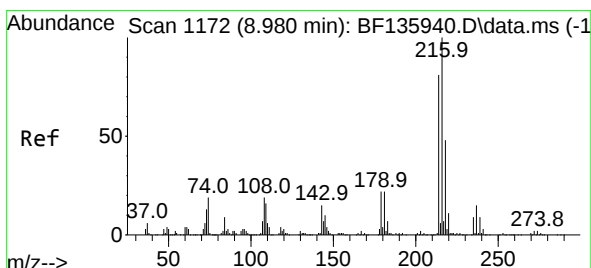
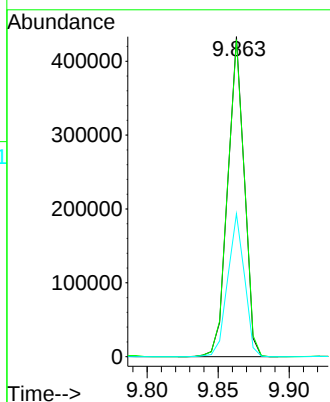
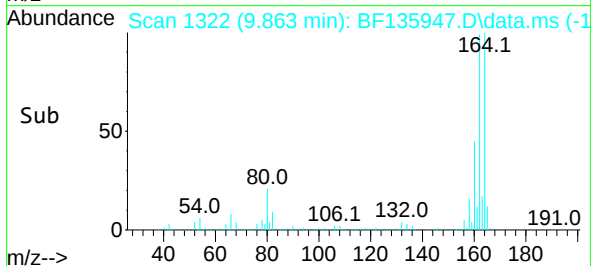


Tgt Ion:164 Resp: 34952
Ion Ratio Lower Upper
164 100
162 99.1 82.0 123.0
160 44.7 35.6 53.4

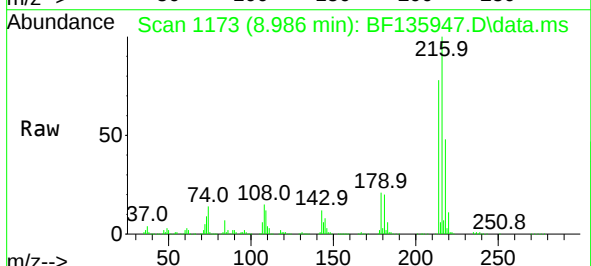
Manual Integrations

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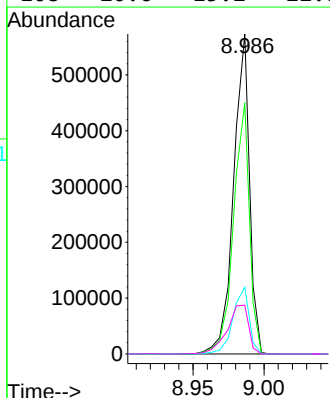
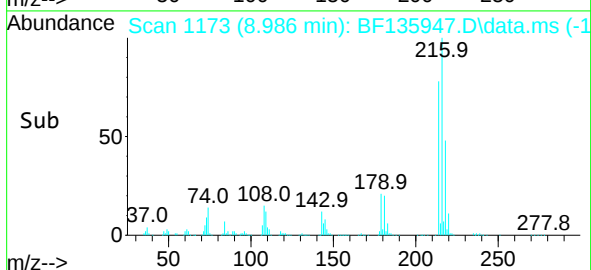
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

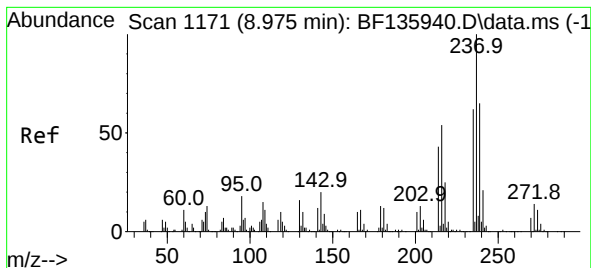


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.413 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:216 Resp: 448313
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 21.4 17.3 25.9
108 20.6 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 102.655 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF135947.D

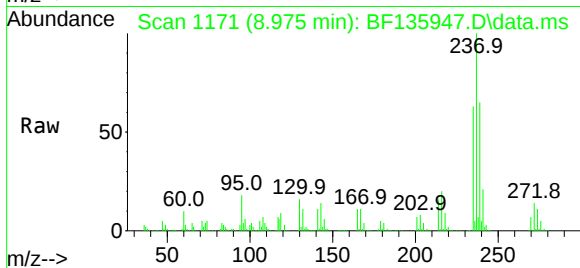
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion:237 Resp: 499692

Ion Ratio Lower Upper

237 100

235 63.1 41.7 81.7

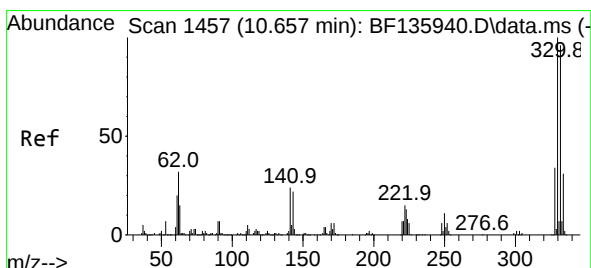
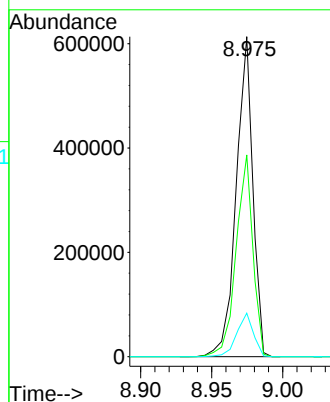
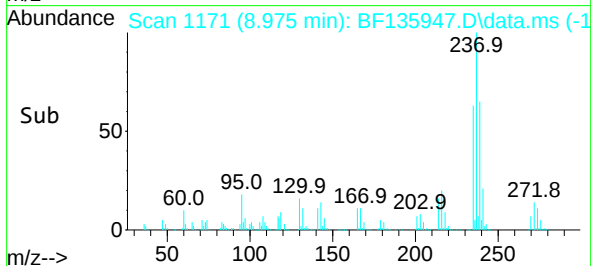
272 13.6 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#42

2,4,6-Tribromophenol

Concen: 161.010 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

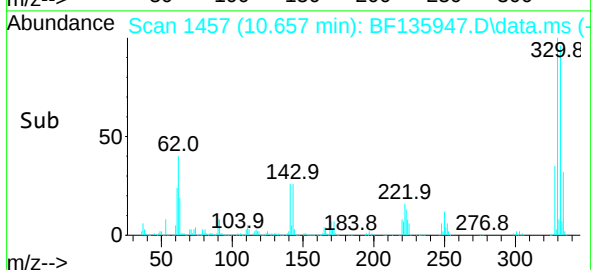
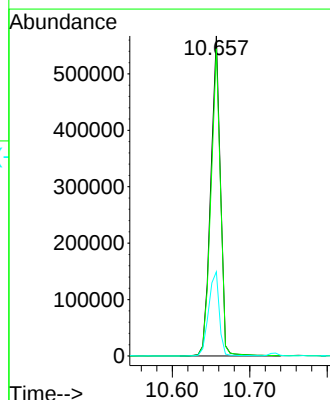
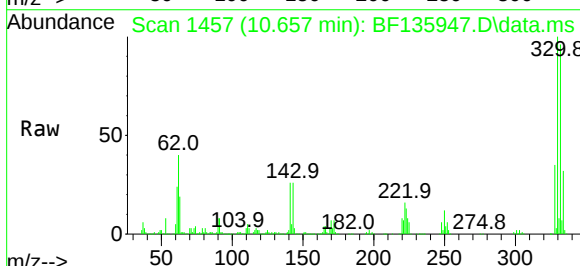
Tgt Ion:330 Resp: 492587

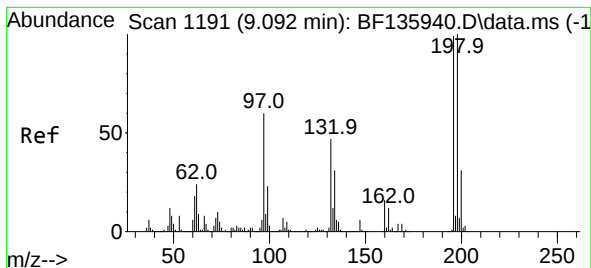
Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.2

141 29.0 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.058 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF135947.D

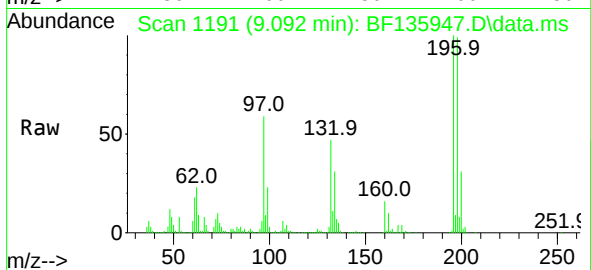
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion:196 Resp: 295000

Ion Ratio Lower Upper

196 100

198 98.9 81.0 121.4

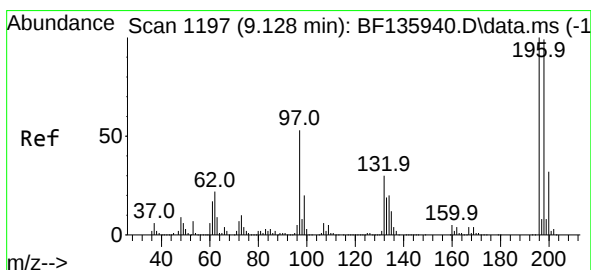
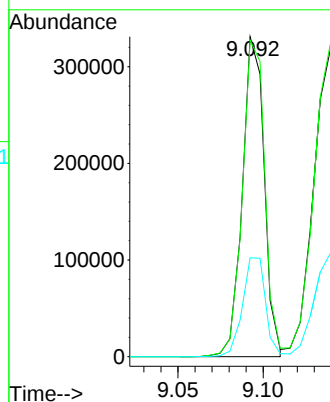
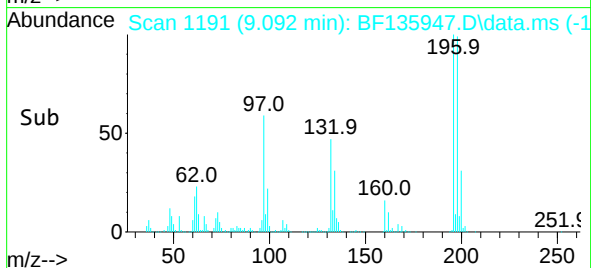
200 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#44

2,4,5-Trichlorophenol

Concen: 47.448 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Tgt Ion:196 Resp: 325500

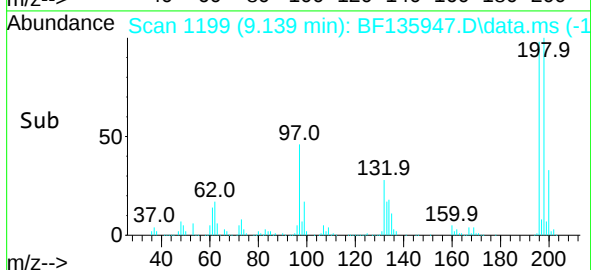
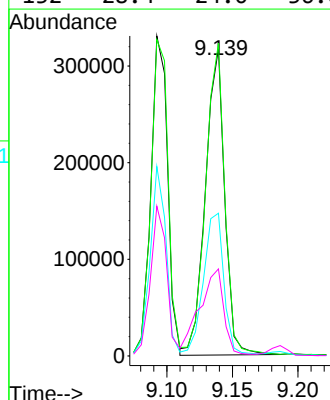
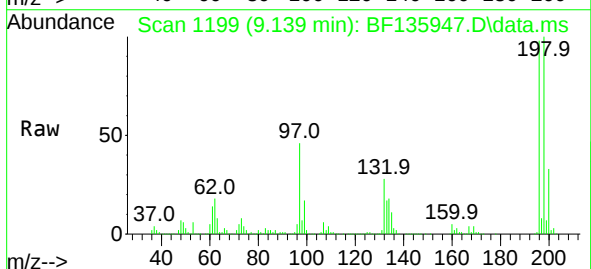
Ion Ratio Lower Upper

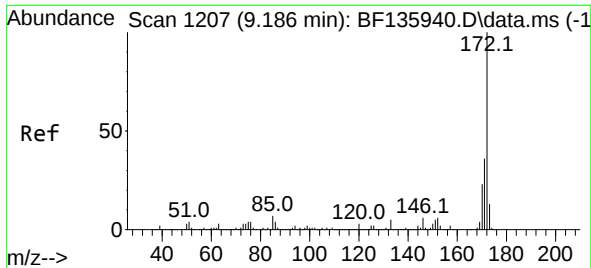
196 100

198 101.8 79.1 118.7

97 46.5 42.3 63.5

132 28.4 24.0 36.0





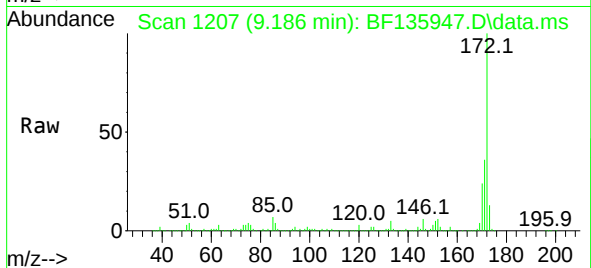
#45
2-Fluorobiphenyl
Concen: 86.823 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



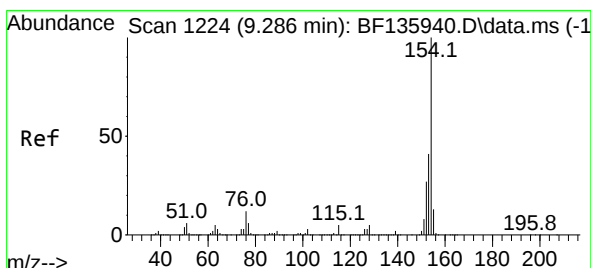
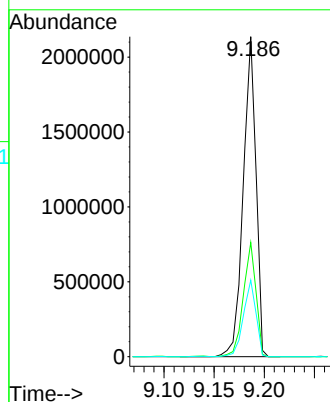
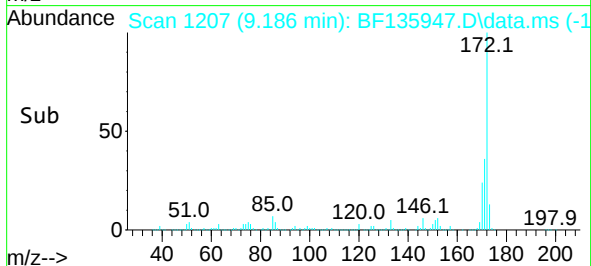
Tgt Ion:172 Resp: 1895184
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 18.6 28.0

Manual Integrations

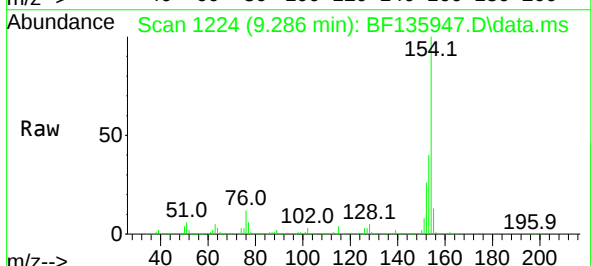
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

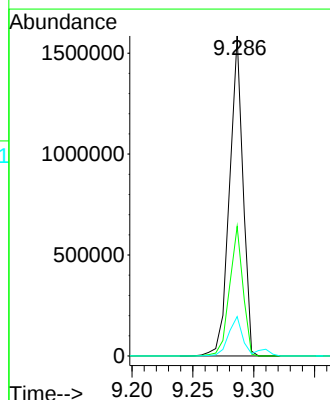
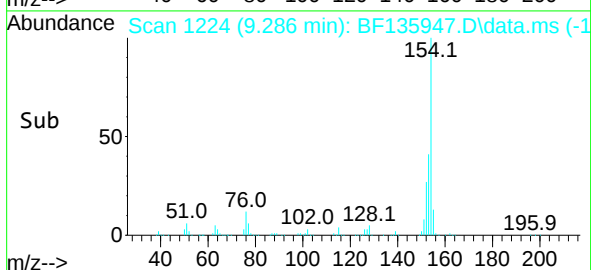
Supervised By :mohammad ahmed 10/26/2023

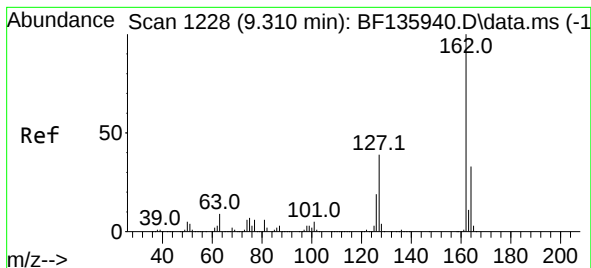


#46
1,1'-Biphenyl
Concen: 45.961 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:154 Resp: 1217240
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 47.627 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

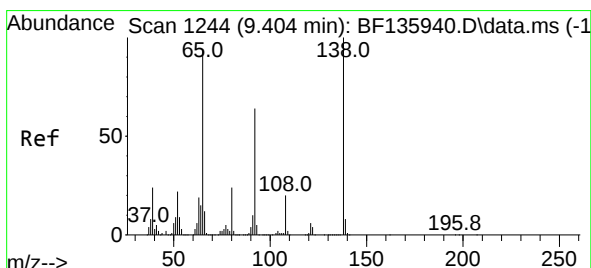
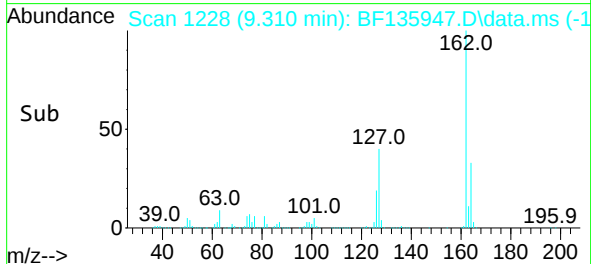
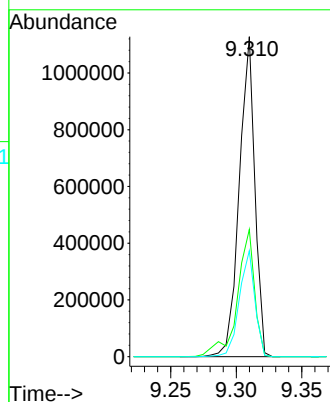
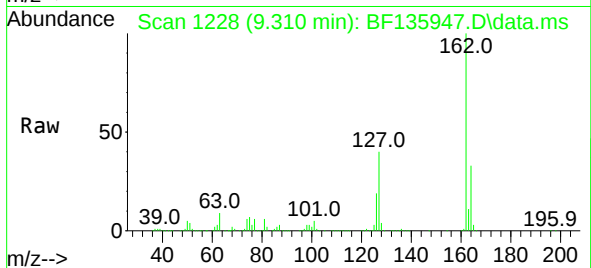
Tgt Ion:162 Resp: 932984
 Ion Ratio Lower Upper
 162 100
 127 39.7 31.0 46.4
 164 33.1 26.6 39.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#48

2-Nitroaniline

Concen: 50.105 ng

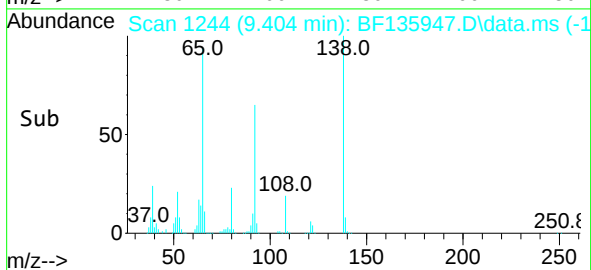
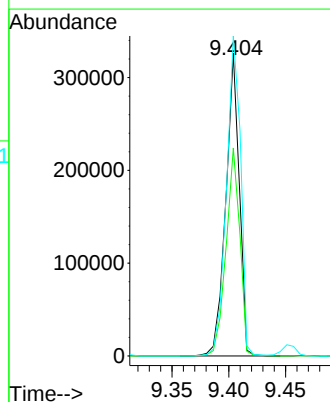
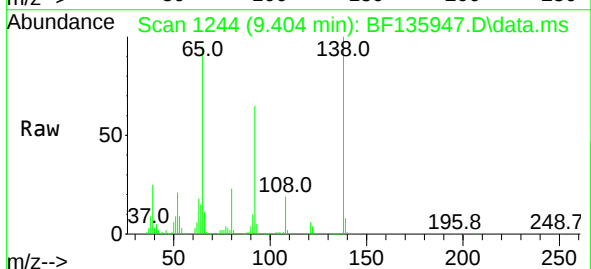
RT: 9.404 min Scan# 1244

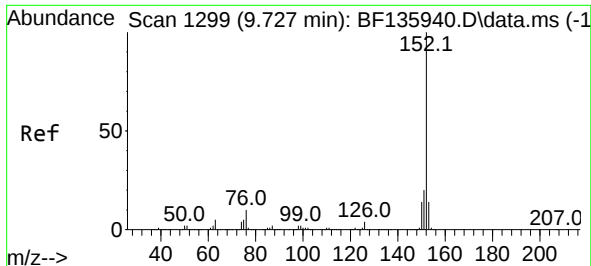
Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Tgt Ion: 65 Resp: 270733
 Ion Ratio Lower Upper
 65 100
 92 68.7 54.9 82.3
 138 105.8 85.2 127.8





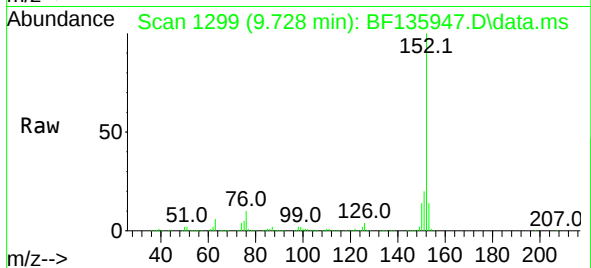
#49
Acenaphthylene
Concen: 47.674 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



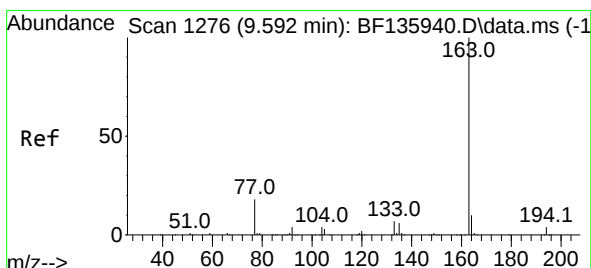
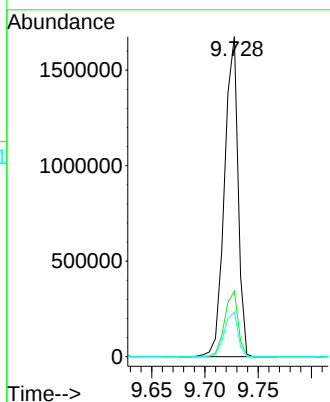
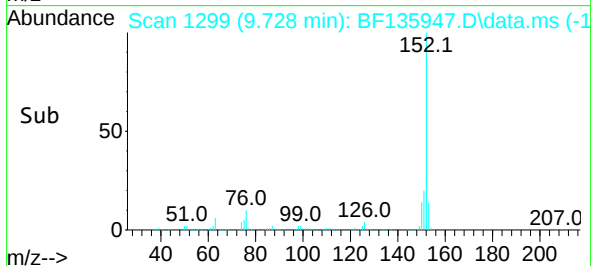
Tgt Ion:152 Resp: 147334
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.0 11.0 16.6

Manual Integrations

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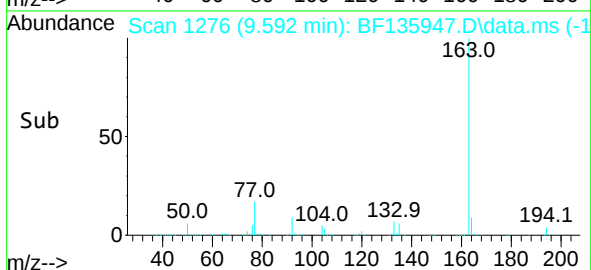
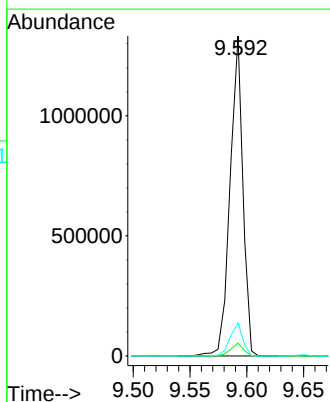
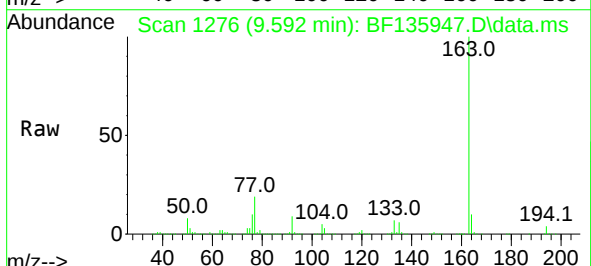
Reviewed By :Yogesh Patel 10/26/2023

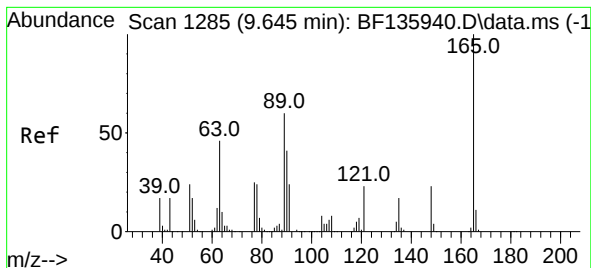
Supervised By :mohammad ahmed 10/26/2023



#50
Dimethylphthalate
Concen: 46.085 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

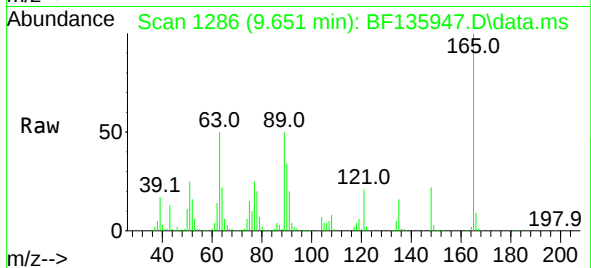
Tgt Ion:163 Resp: 1044570
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.709 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

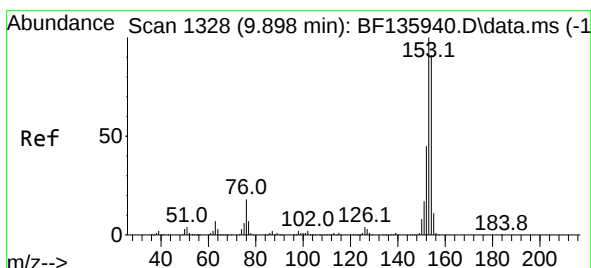
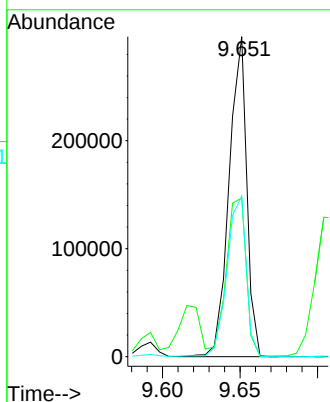
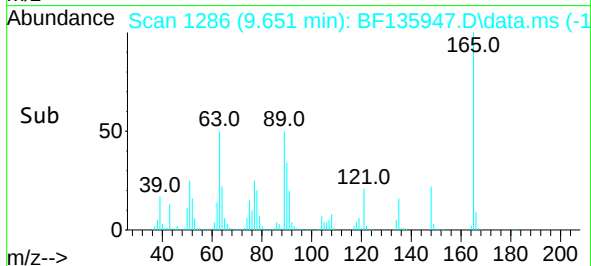
Instrument :
BNA_F
ClientSampleId :
PB156288BS



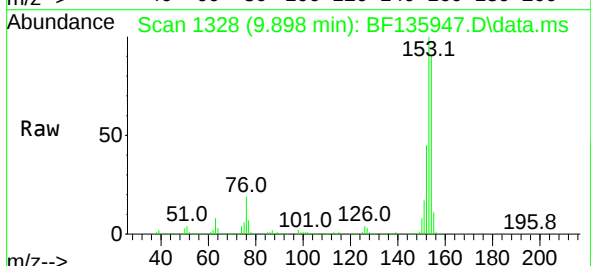
Tgt Ion:165 Resp: 234494
Ion Ratio Lower Upper
165 100
63 49.6 51.7 77.5
89 50.2 48.3 72.5

Manual Integrations
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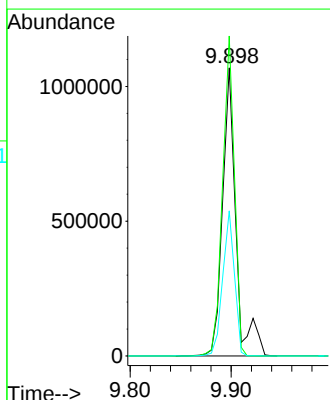
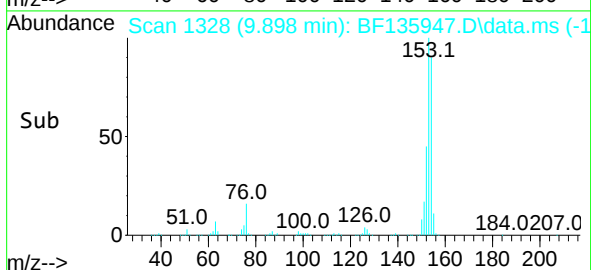
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

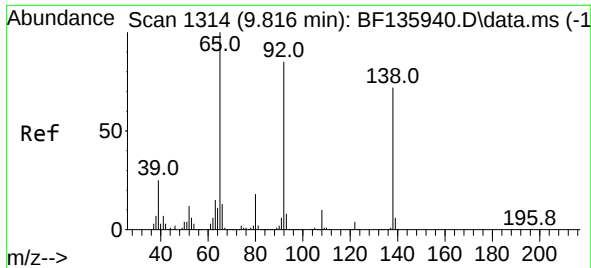


#52
Acenaphthene
Concen: 49.472 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:154 Resp: 979832
Ion Ratio Lower Upper
154 100
153 111.1 88.0 132.0
152 50.4 39.4 59.2





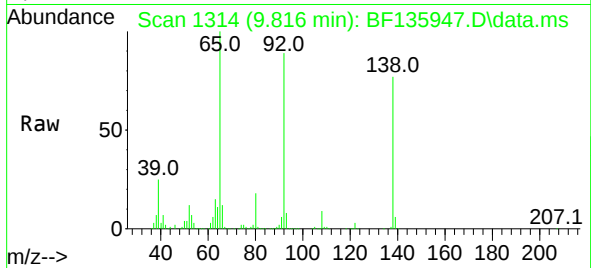
#53
3-Nitroaniline
Concen: 35.592 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



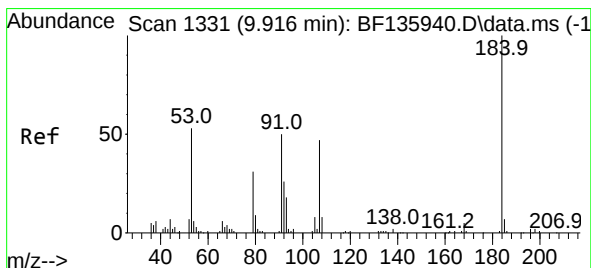
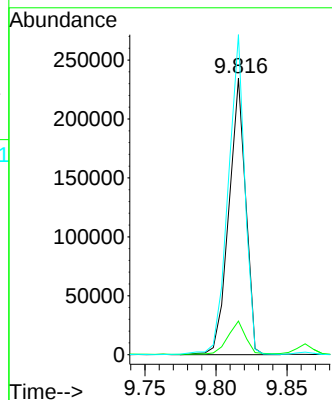
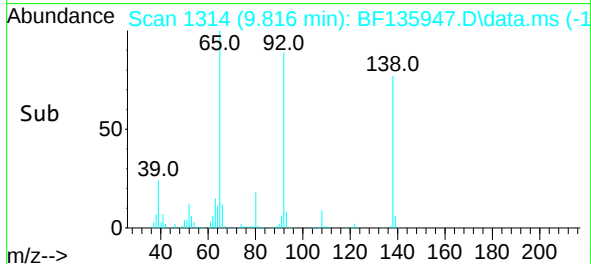
Tgt Ion:138 Resp: 192799
Ion Ratio Lower Upper
138 100
108 12.1 11.3 16.9
92 115.8 95.0 142.6

Manual Integrations

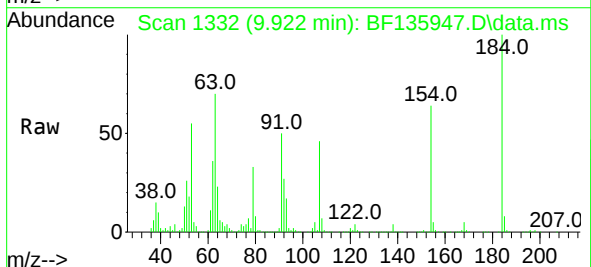
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

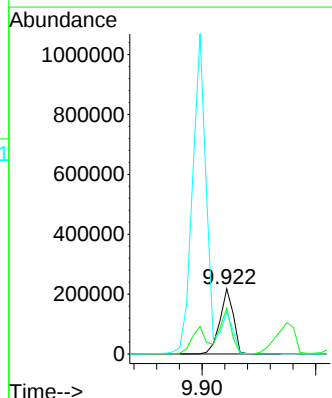
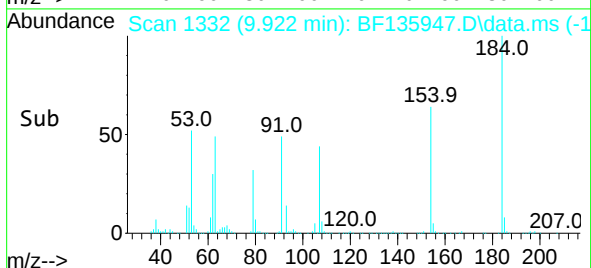
Supervised By :mohammad ahmed 10/26/2023

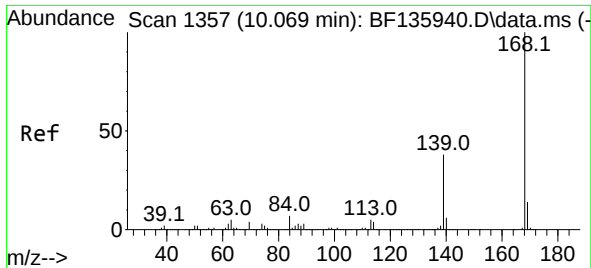


#54
2,4-Dinitrophenol
Concen: 90.611 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:184 Resp: 180597
Ion Ratio Lower Upper
184 100
63 70.5 56.3 84.5
154 64.1 48.1 72.1





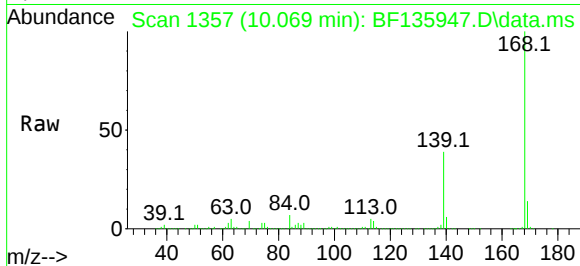
#55
Dibenzenofuran
Concen: 45.644 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



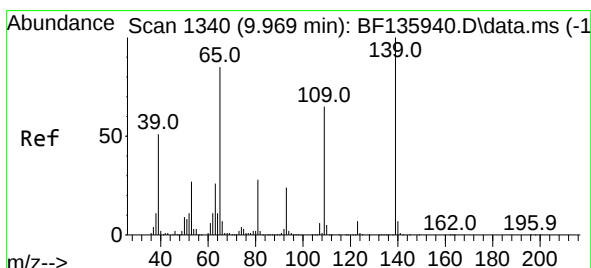
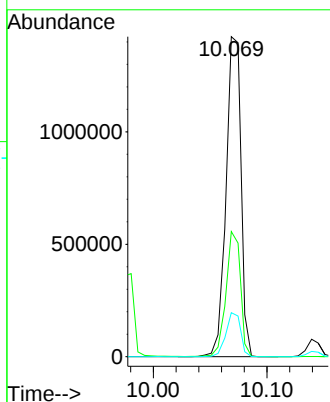
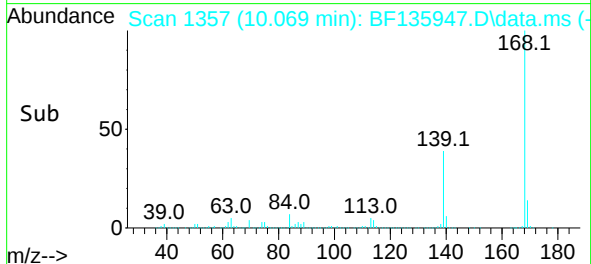
Tgt Ion:168 Resp: 130599
Ion Ratio Lower Upper
168 100
139 39.1 30.7 46.1
169 13.8 11.1 16.7

Manual Integrations

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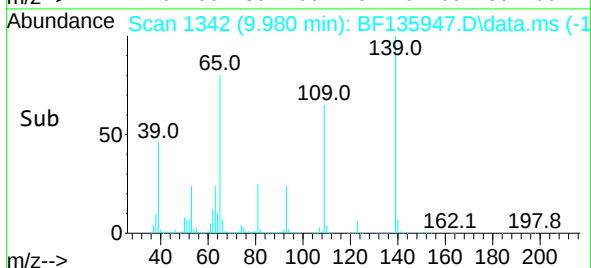
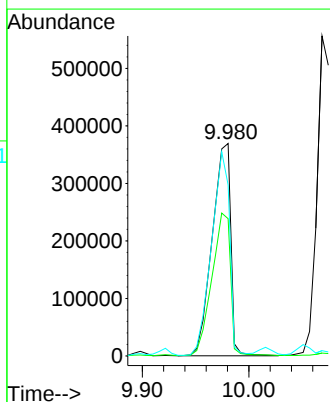
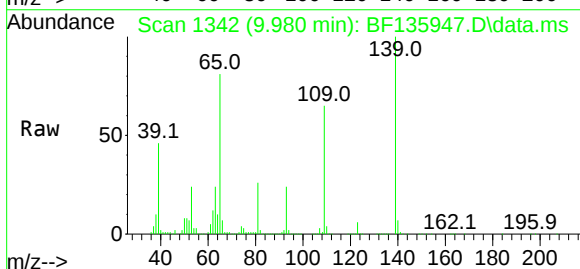
Reviewed By :Yogesh Patel 10/26/2023

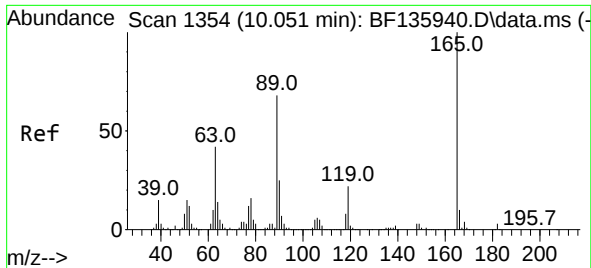
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 95.757 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:139 Resp: 443888
Ion Ratio Lower Upper
139 100
109 64.6 45.2 85.2
65 80.5 65.1 105.1





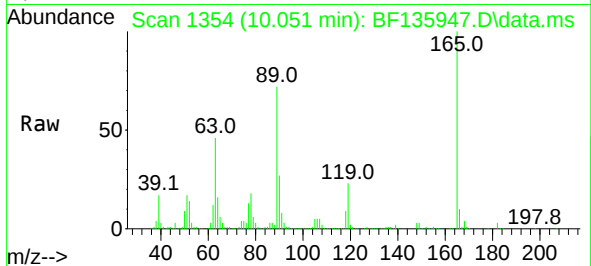
#57
2,4-Dinitrotoluene
Concen: 52.754 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



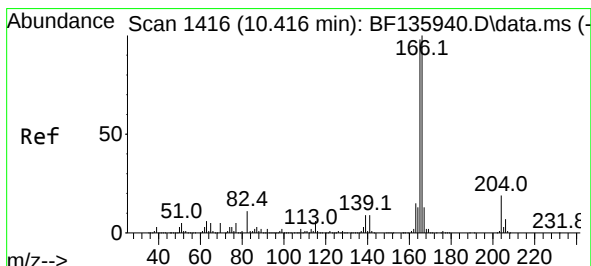
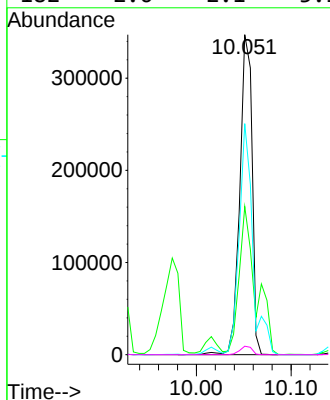
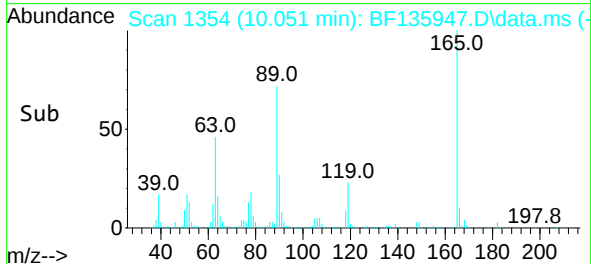
Tgt Ion:165 Resp: 31067
Ion Ratio Lower Upper
165 100
63 46.3 33.7 50.5
89 72.2 54.6 81.8
182 2.6 2.1 3.1

Manual Integrations

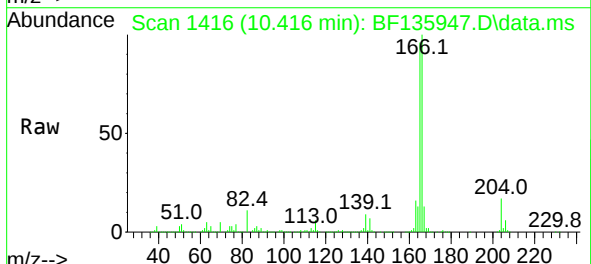
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

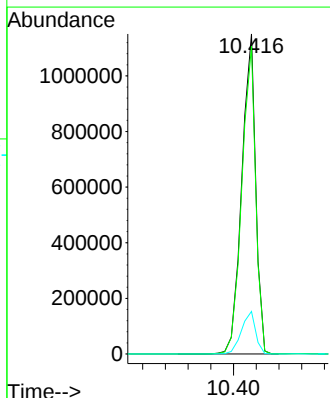
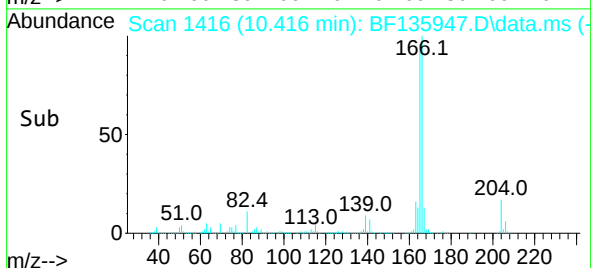
Supervised By :mohammad ahmed 10/26/2023

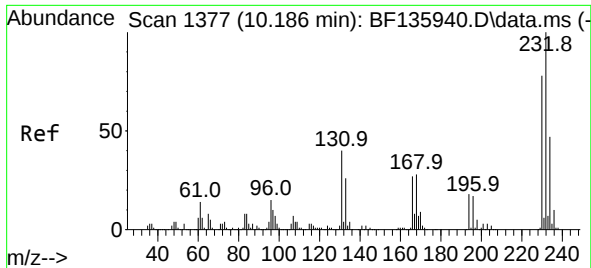


#58
Fluorene
Concen: 45.583 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



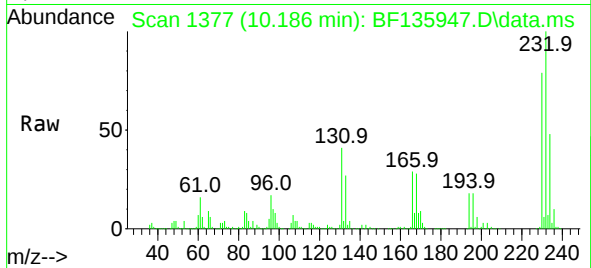
Tgt Ion:166 Resp: 975760
Ion Ratio Lower Upper
166 100
165 96.2 78.0 117.0
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.683 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

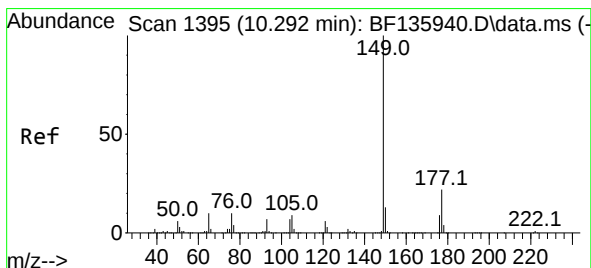
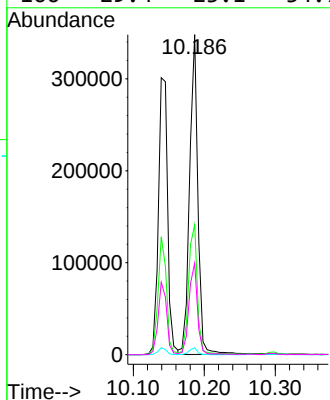
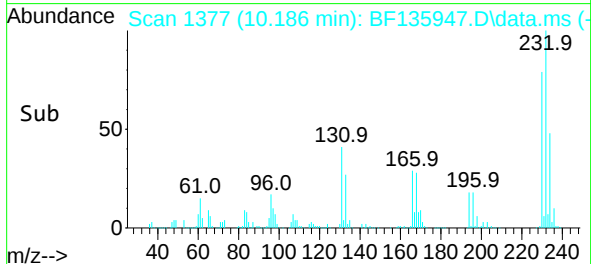
Instrument :
BNA_F
ClientSampleId :
PB156288BS



Tgt Ion:232 Resp: 282284
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.1 34.7

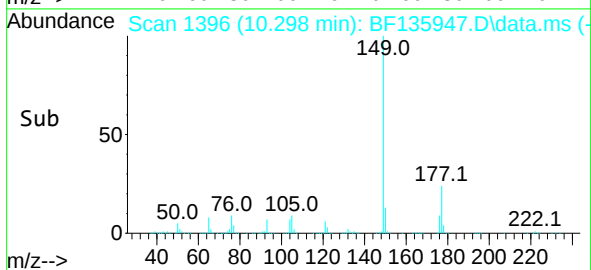
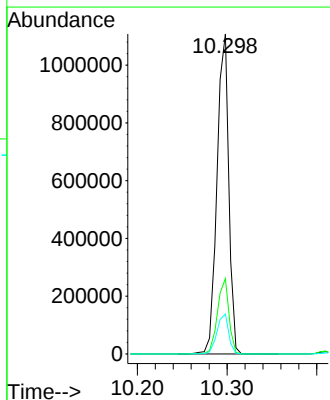
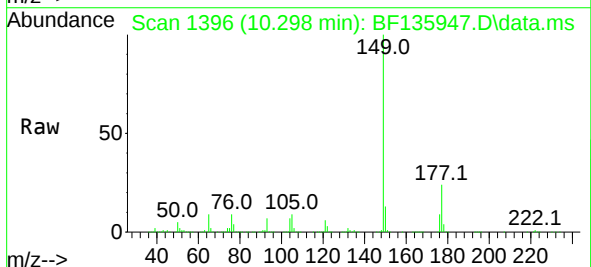
Manual Integrations
APPROVED

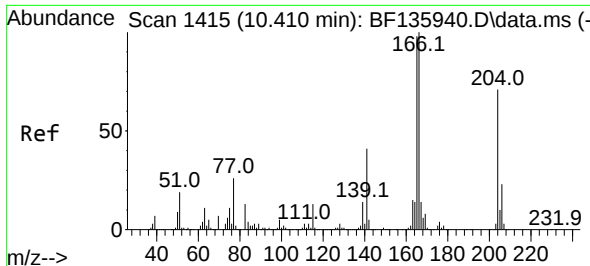
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#60
Diethylphthalate
Concen: 46.525 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

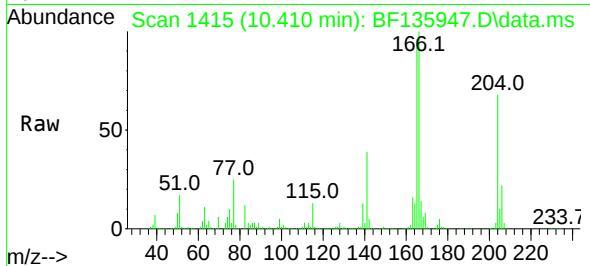
Tgt Ion:149 Resp: 1005612
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.796 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

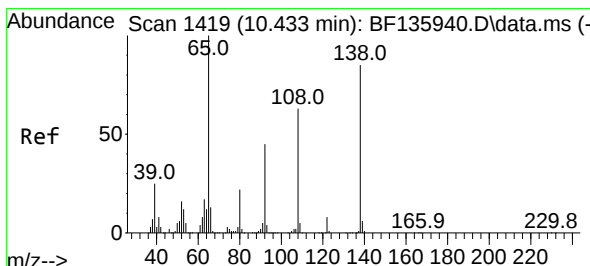
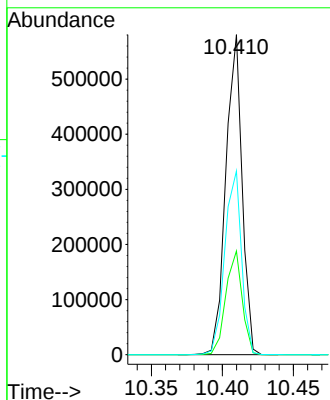
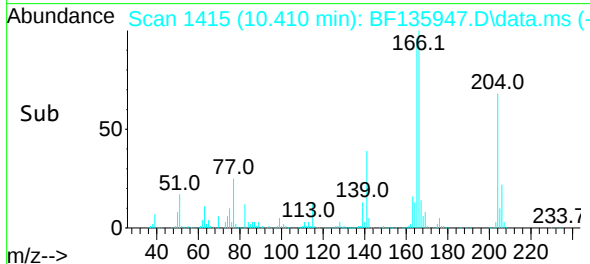
Instrument :
BNA_F
ClientSampleId :
PB156288BS



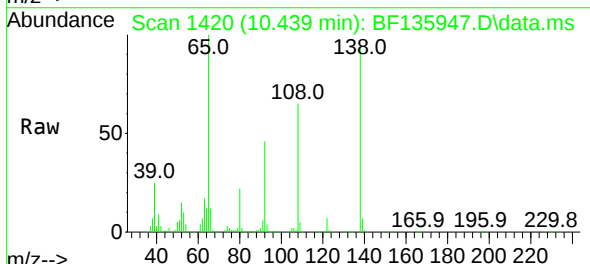
Tgt Ion:204 Resp: 462564
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 57.4 46.2 69.2

Manual Integrations
APPROVED

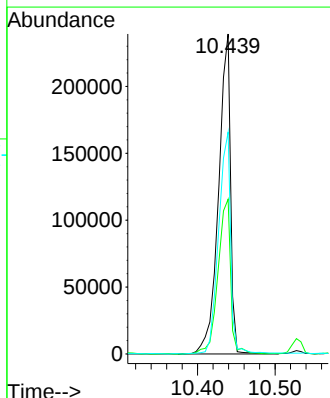
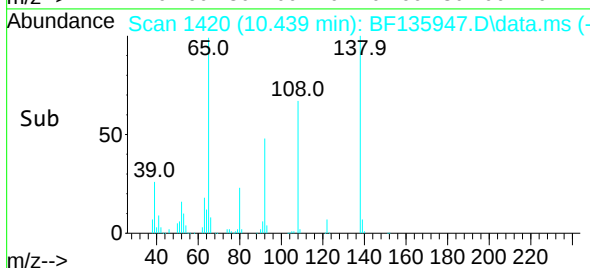
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

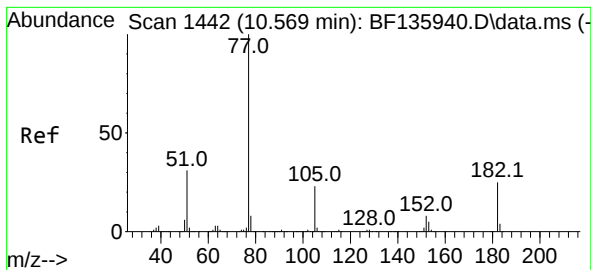


#62
4-Nitroaniline
Concen: 46.397 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:138 Resp: 257360
Ion Ratio Lower Upper
138 100
92 48.3 32.9 72.9
108 69.3 53.5 93.5





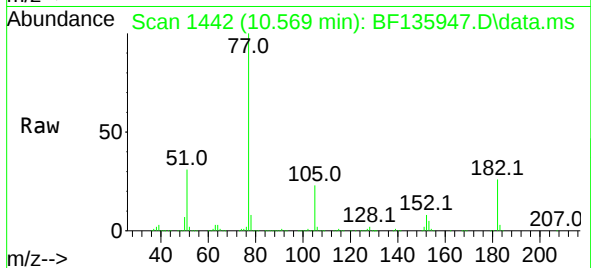
#63
Azobenzene
Concen: 45.555 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

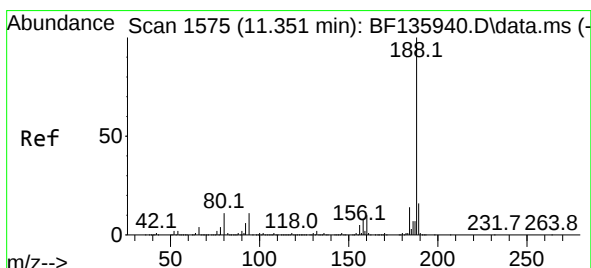
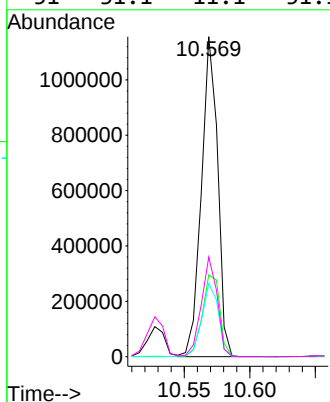
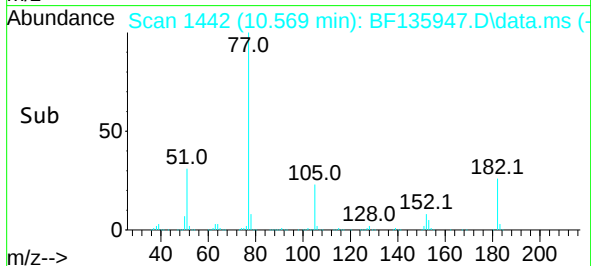


Tgt Ion: 77 Resp: 99923
Ion Ratio Lower Upper
77 100
182 25.5 5.1 45.1
105 22.9 2.8 42.8
51 31.1 11.1 51.1

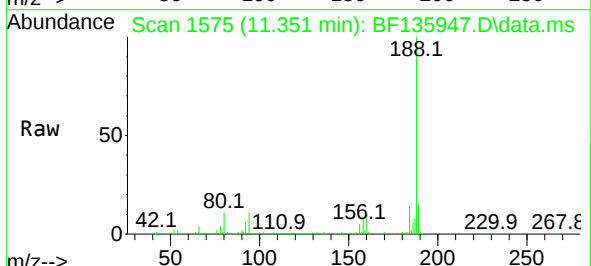
Manual Integrations

APPROVED

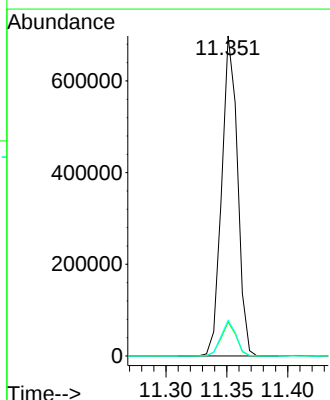
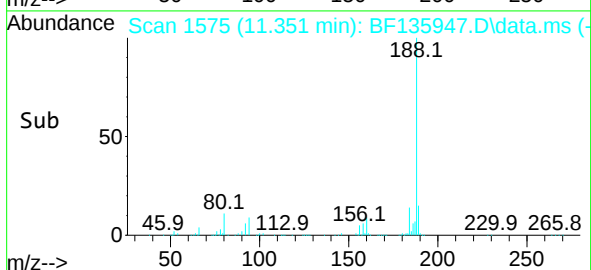
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

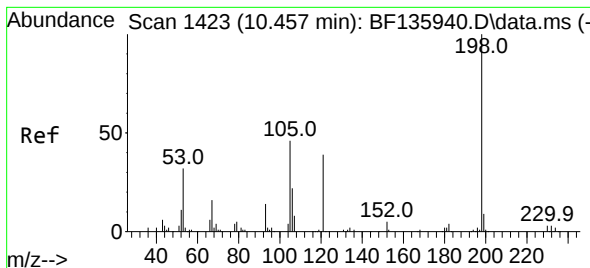


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:188 Resp: 632347
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.1 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 54.491 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

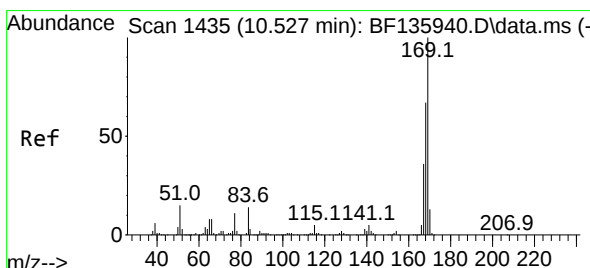
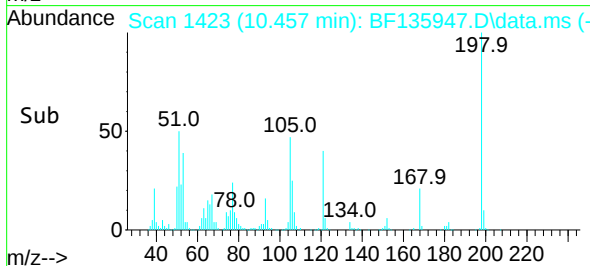
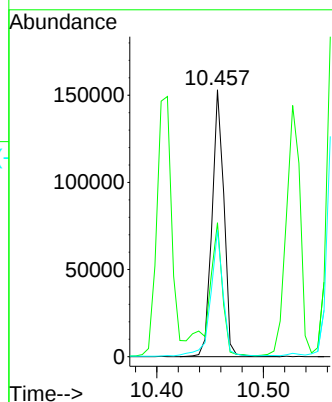
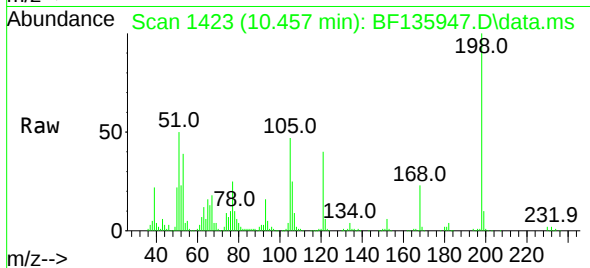
ClientSampleId :

PB156288BS

Tgt Ion:198 Resp: 119361
Ion Ratio Lower Upper
198 100
51 50.2 28.7 68.7
105 47.5 27.2 67.2

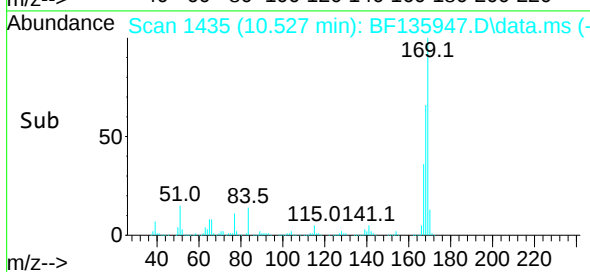
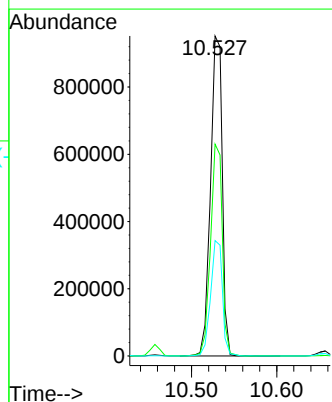
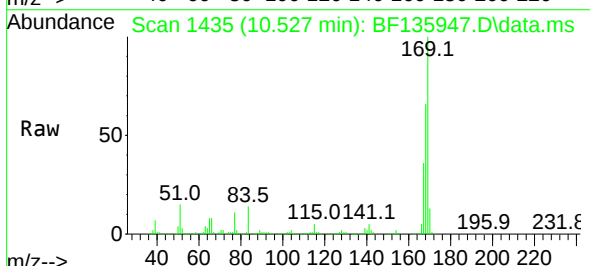
Manual Integrations
APPROVED

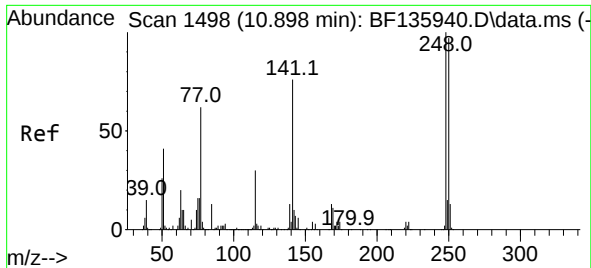
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#66
n-Nitrosodiphenylamine
Concen: 47.606 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:169 Resp: 909424
Ion Ratio Lower Upper
169 100
168 66.2 53.5 80.3
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 47.467 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

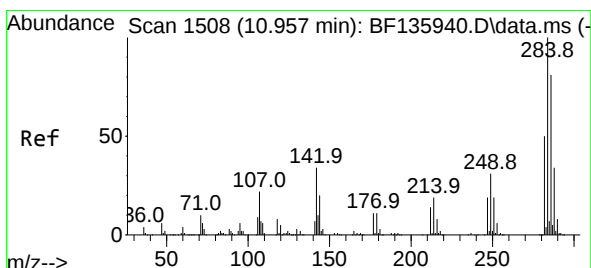
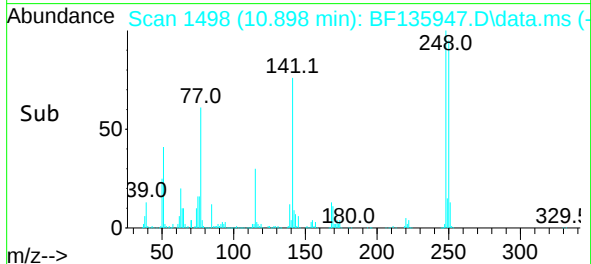
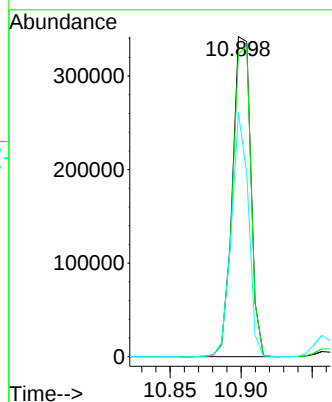
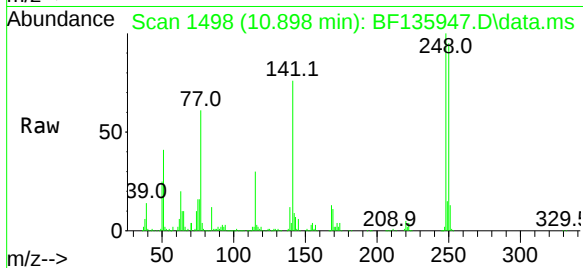
PB156288BS

Tgt Ion:248 Resp: 307390
Ion Ratio Lower Upper
248 100
250 94.6 77.9 116.9
141 76.3 60.8 91.2

Manual Integrations

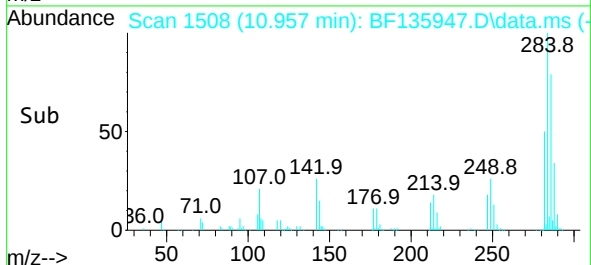
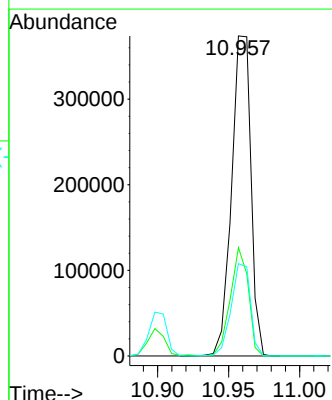
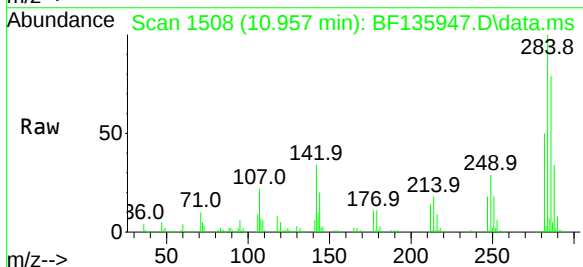
APPROVED

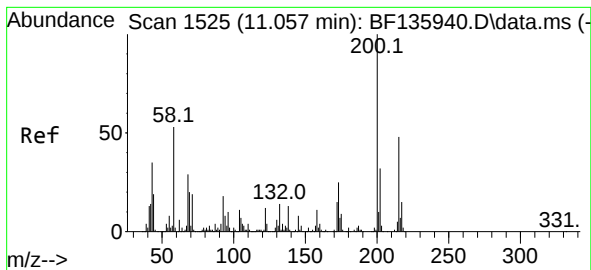
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#68
Hexachlorobenzene
Concen: 51.245 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:284 Resp: 354504
Ion Ratio Lower Upper
284 100
142 33.8 27.6 41.4
249 28.8 24.7 37.1





#69

Atrazine

Concen: 56.316 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.006 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

Tgt Ion:200 Resp: 293270

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

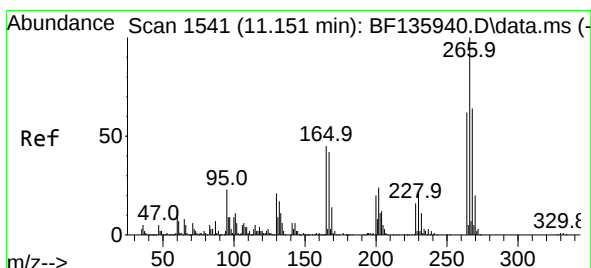
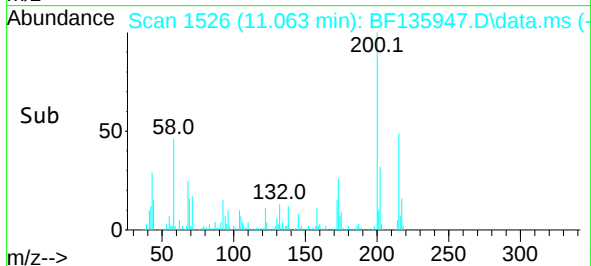
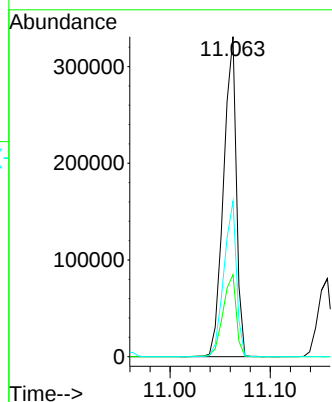
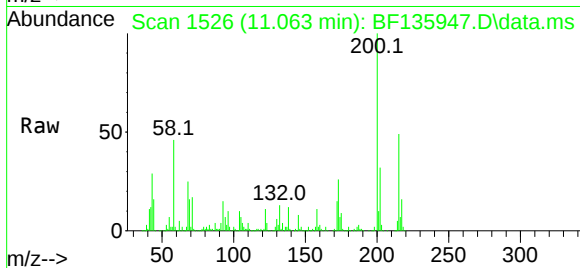
215 48.6 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 92.168 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

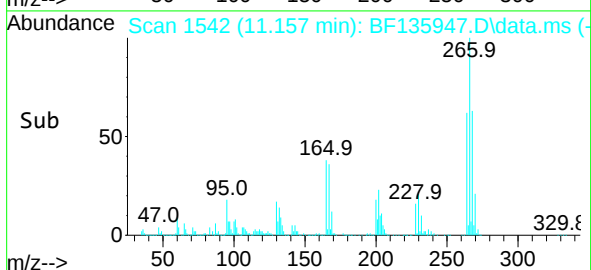
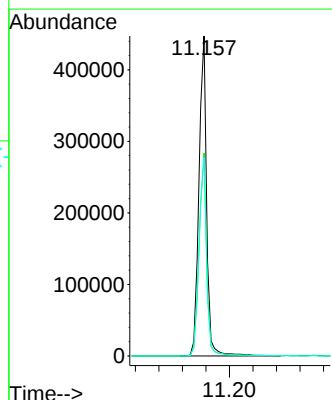
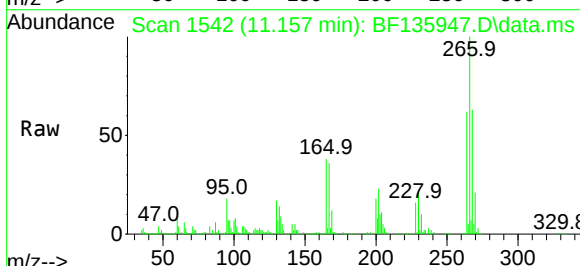
Tgt Ion:266 Resp: 407234

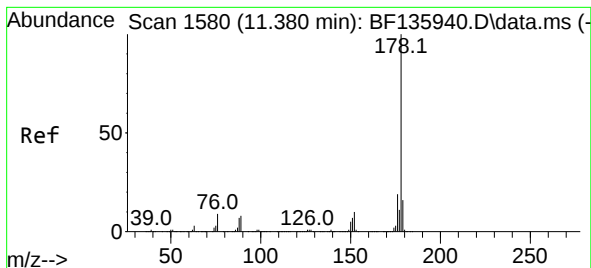
Ion Ratio Lower Upper

266 100

268 63.4 50.8 76.2

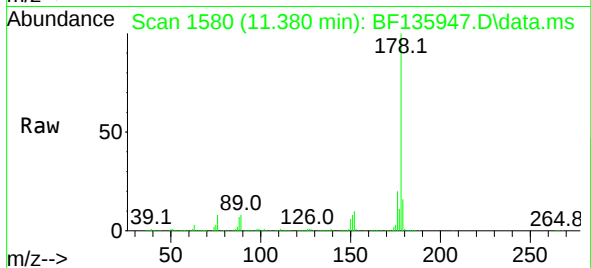
264 62.0 49.8 74.6





#71
Phenanthrene
Concen: 47.634 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

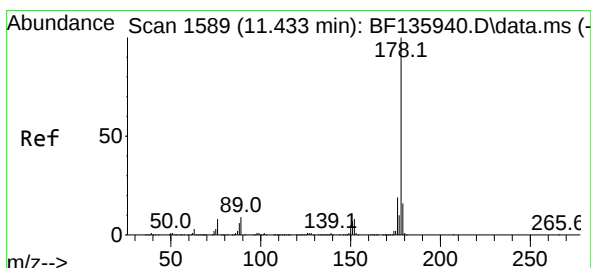
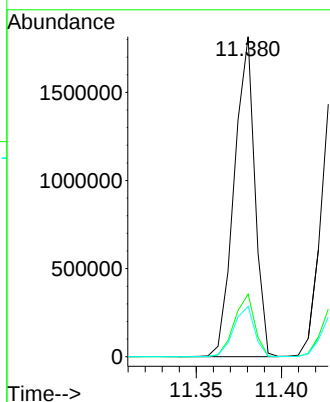
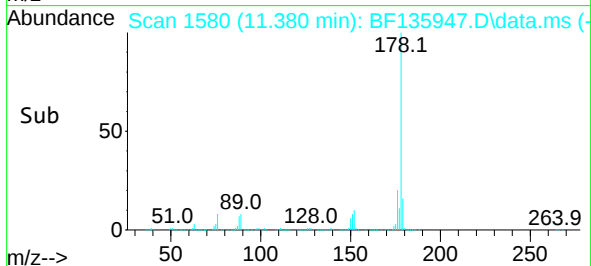
Instrument :
BNA_F
ClientSampleId :
PB156288BS



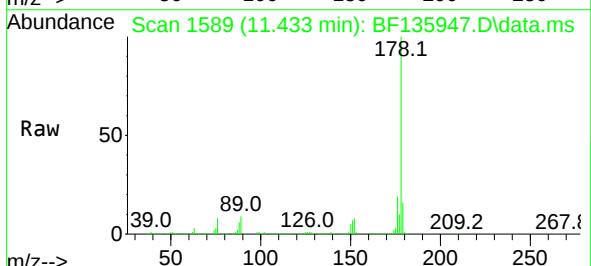
Tgt Ion:178 Resp: 1523920
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.7 12.5 18.7

Manual Integrations
APPROVED

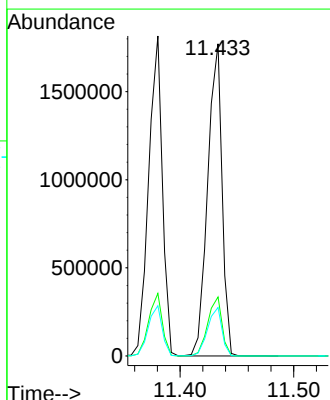
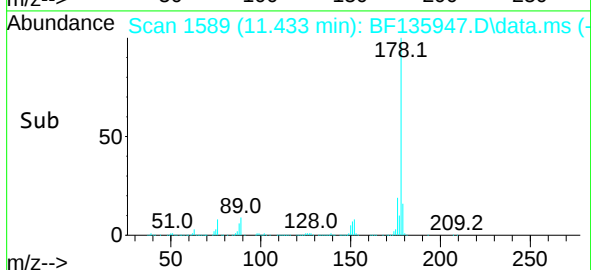
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

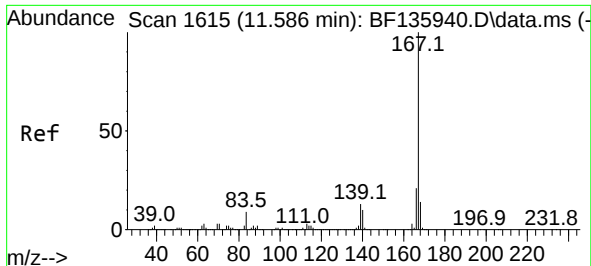


#72
Anthracene
Concen: 47.405 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



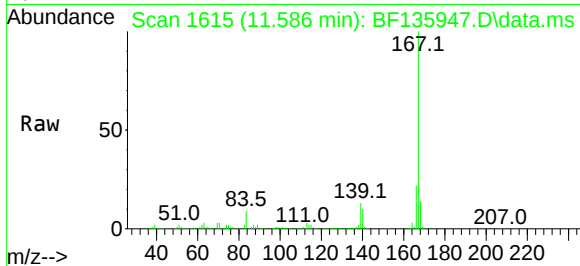
Tgt Ion:178 Resp: 1552856
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 48.438 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135947.D
 Acq: 25 Oct 2023 18:22

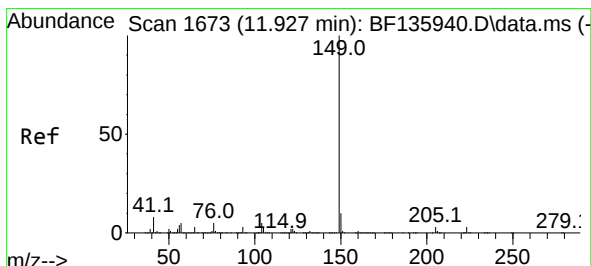
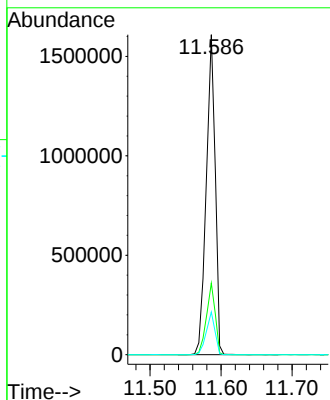
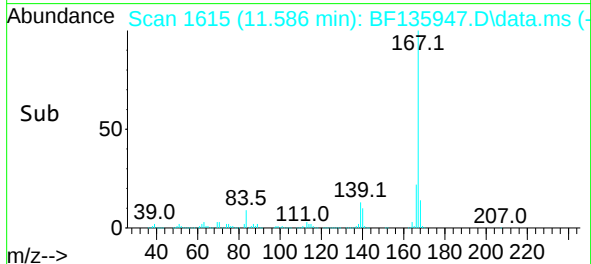
Instrument :
 BNA_F
 ClientSampleId :
 PB156288BS



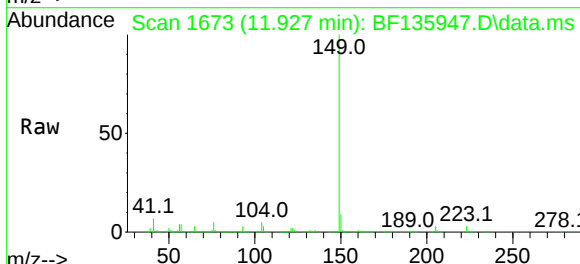
Tgt Ion:167 Resp: 1415428
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.6
 139 13.4 10.4 15.6

Manual Integrations
 APPROVED

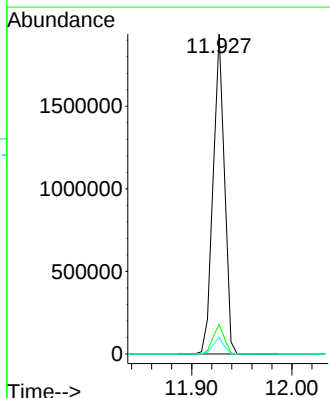
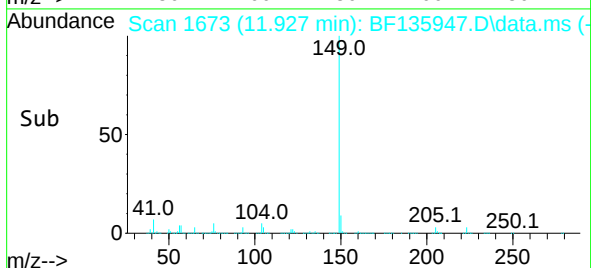
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

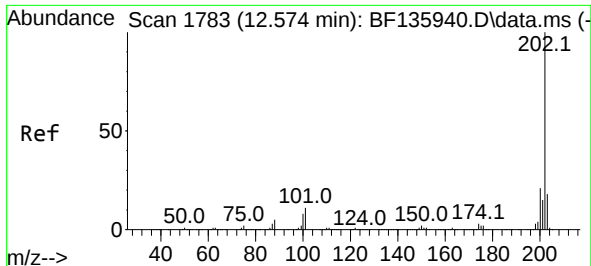


#74
 Di-n-butylphthalate
 Concen: 49.008 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135947.D
 Acq: 25 Oct 2023 18:22



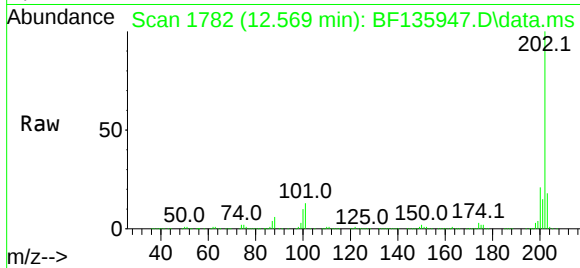
Tgt Ion:149 Resp: 1523894
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 47.786 ng
RT: 12.569 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

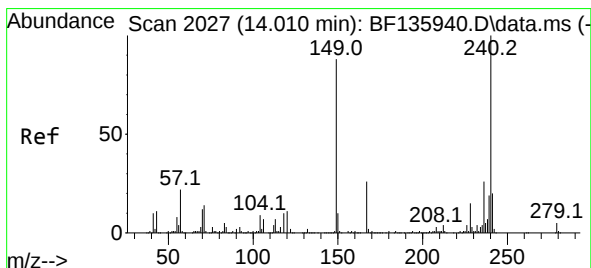
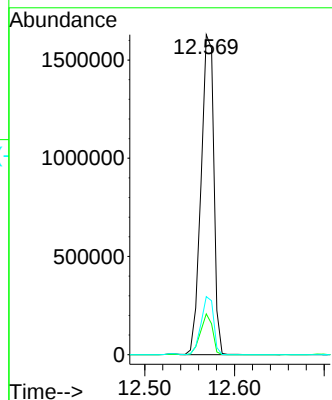
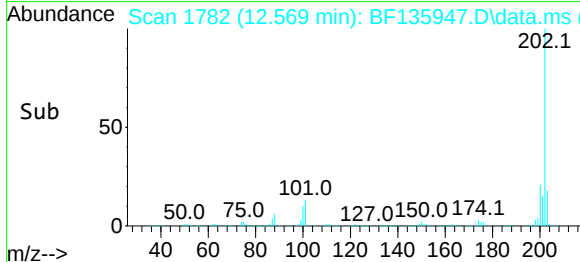
Instrument :
BNA_F
ClientSampleId :
PB156288BS



Tgt Ion:202 Resp: 1608330
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.6
203 18.1 0.0 37.5

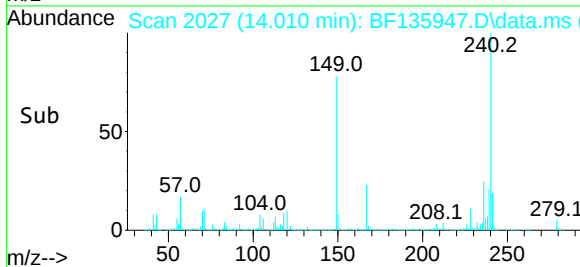
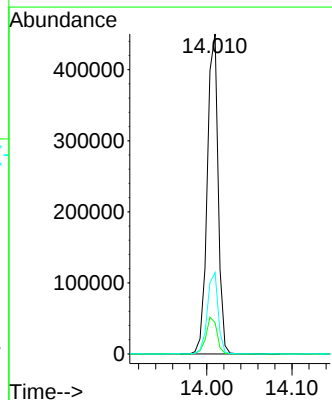
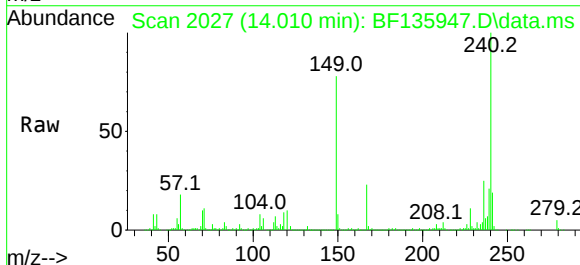
Manual Integrations
APPROVED

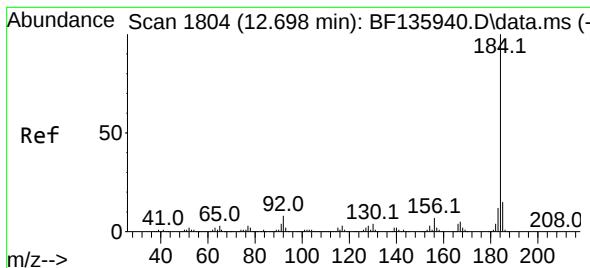
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

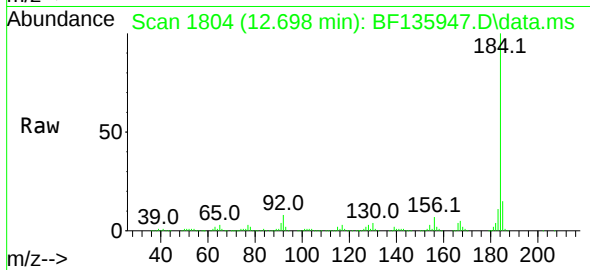
Tgt Ion:240 Resp: 398861
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 25.5 20.6 30.8





#77
Benzidine
Concen: 50.923 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

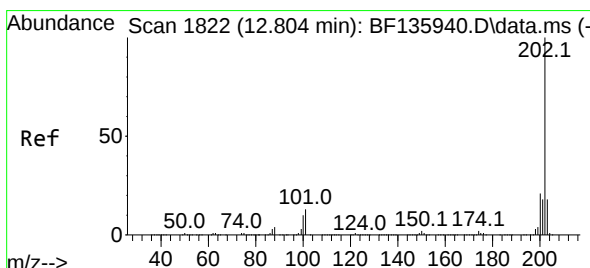
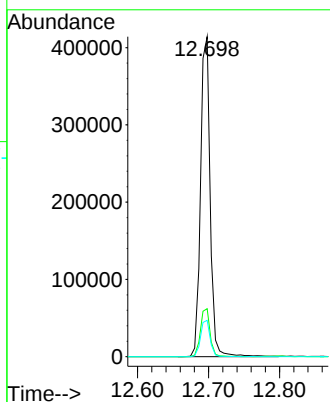
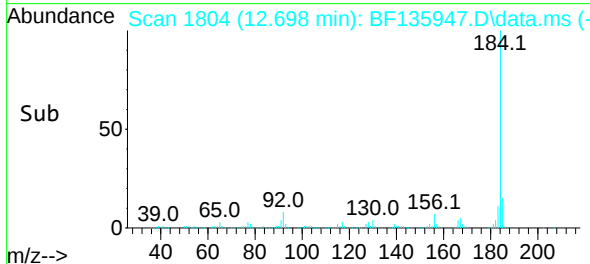
Instrument :
BNA_F
ClientSampleId :
PB156288BS



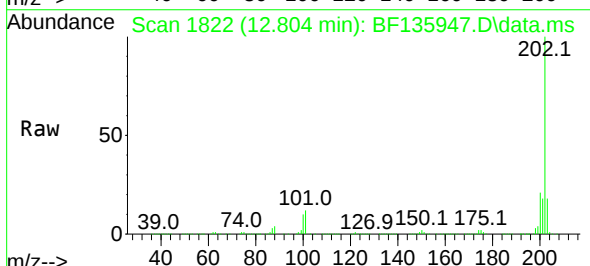
Tgt Ion:184 Resp: 391644
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.3 9.2 13.8

Manual Integrations
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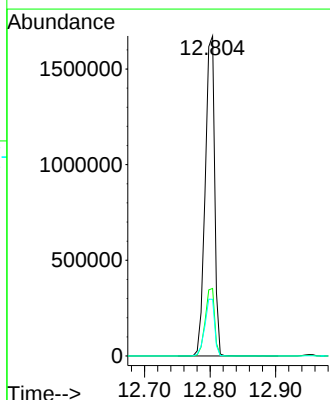
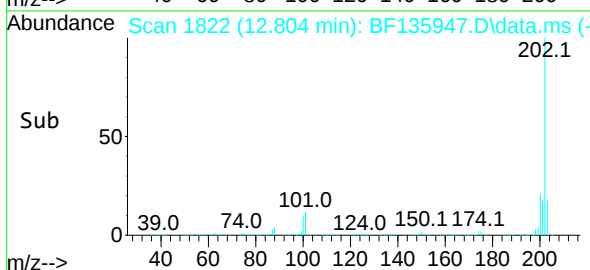
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

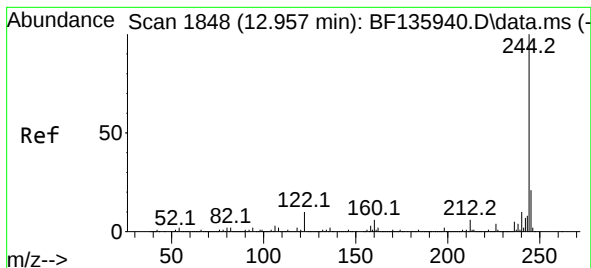


#78
Pyrene
Concen: 49.896 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:202 Resp: 1671007
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 96.249 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135947.D

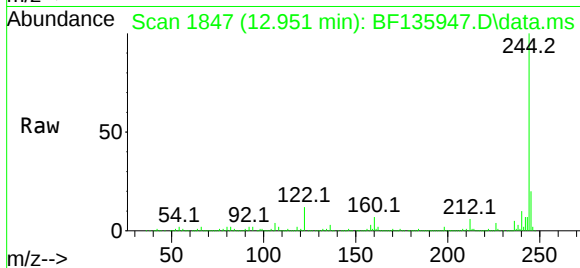
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion:244 Resp: 2297739

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

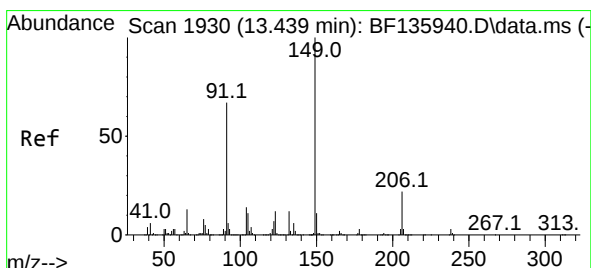
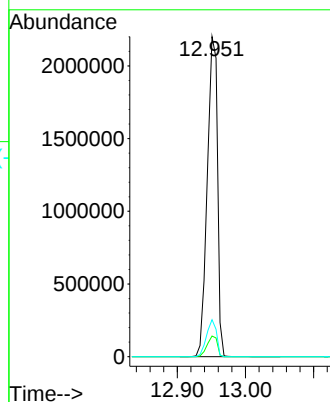
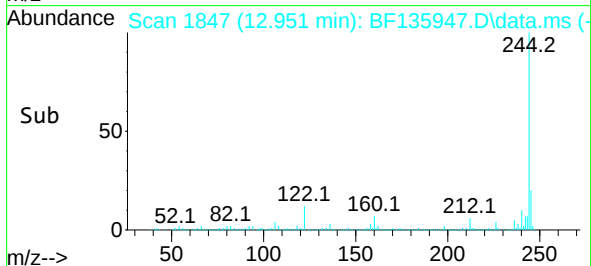
122 11.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#80

Butylbenzylphthalate

Concen: 49.246 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

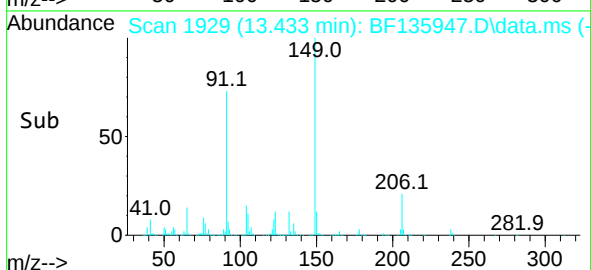
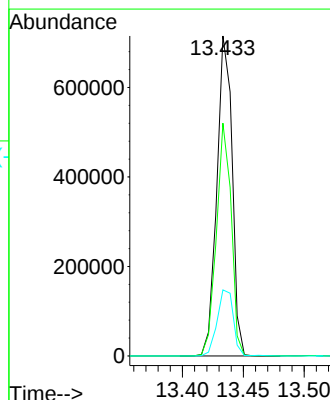
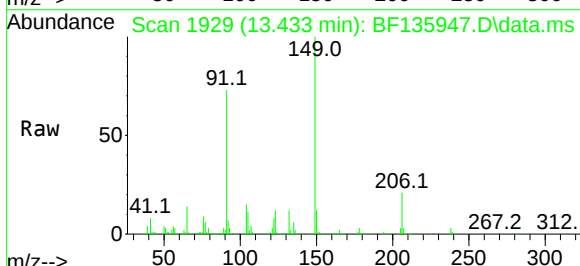
Tgt Ion:149 Resp: 624657

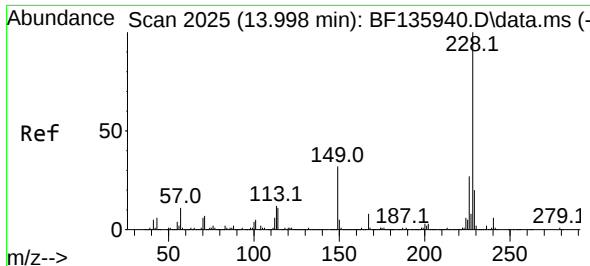
Ion Ratio Lower Upper

149 100

91 72.7 53.4 80.0

206 20.7 17.5 26.3





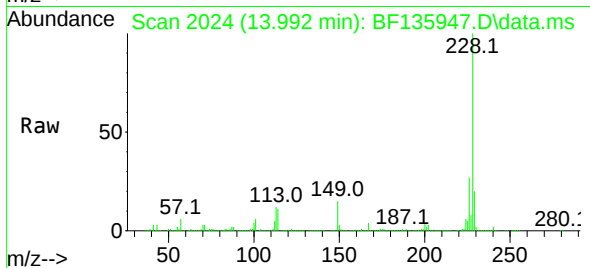
#81
Benzo(a)anthracene
Concen: 49.834 ng
RT: 13.992 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS

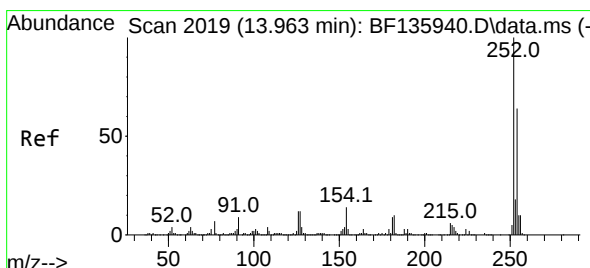
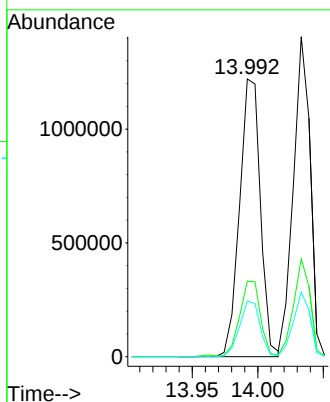
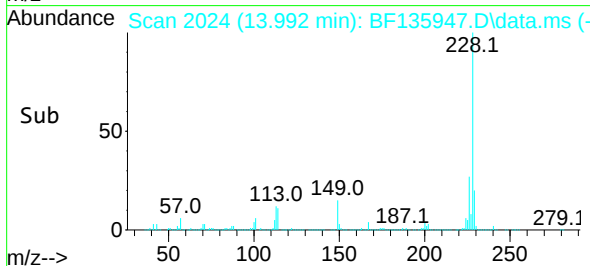


Tgt Ion:228 Resp: 135152
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 20.0 16.2 24.4

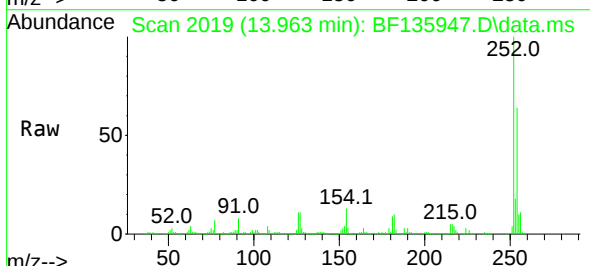
Manual Integrations

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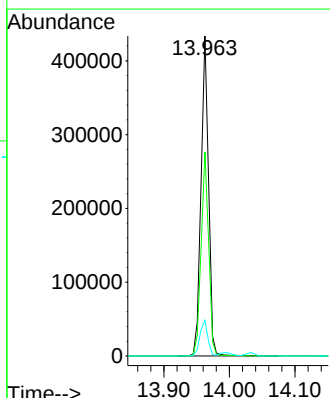
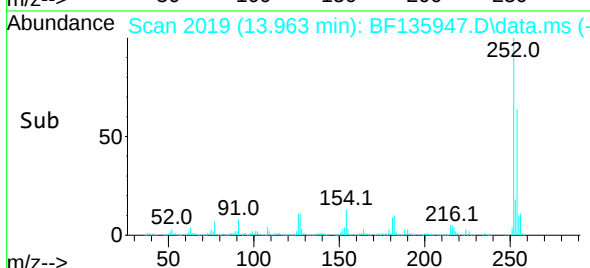
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

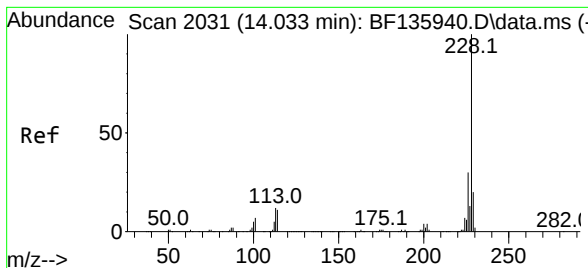


#82
3,3'-Dichlorobenzidine
Concen: 42.187 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:252 Resp: 348088
Ion Ratio Lower Upper
252 100
254 63.7 50.9 76.3
126 11.1 9.8 14.6





#83

Chrysene

Concen: 47.772 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135947.D

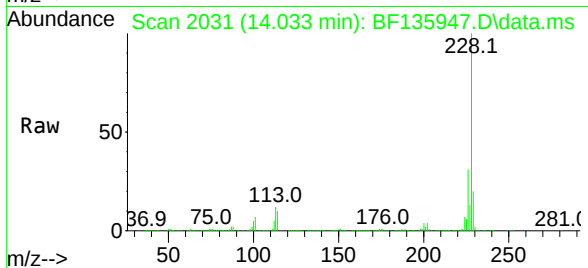
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion:228 Resp: 1261850

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

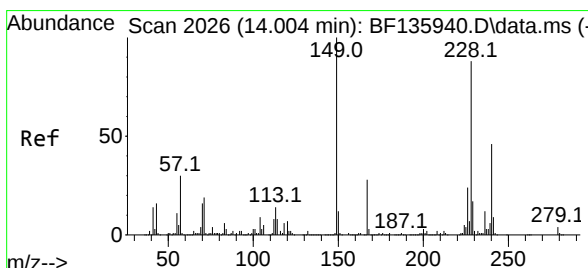
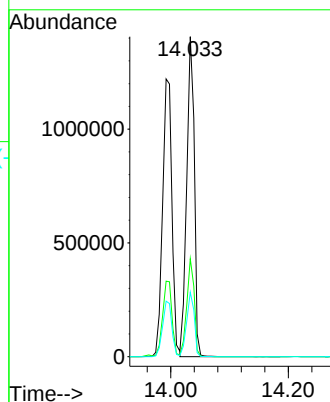
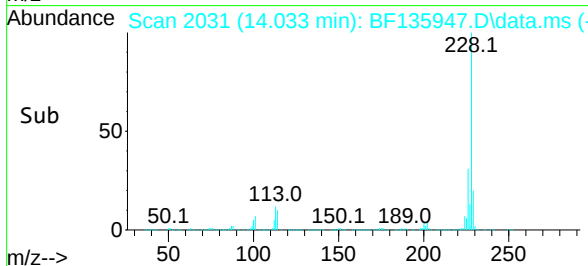
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.912 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

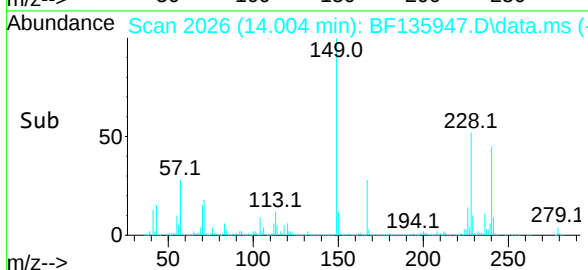
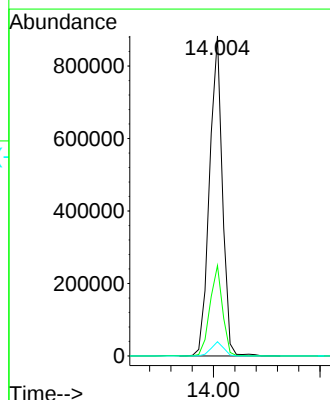
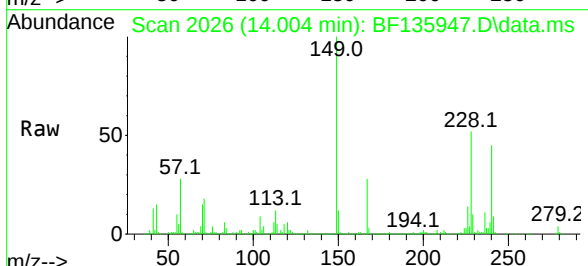
Tgt Ion:149 Resp: 742444

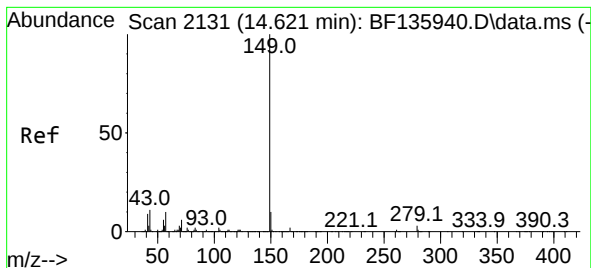
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

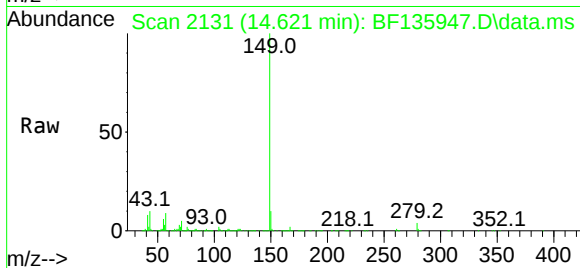
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.097 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

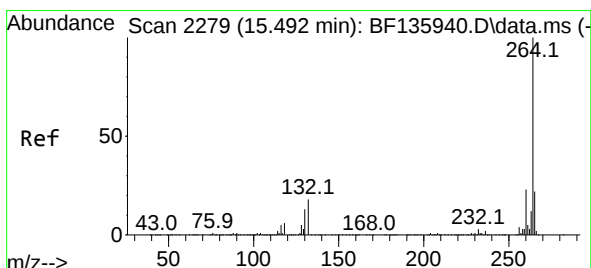
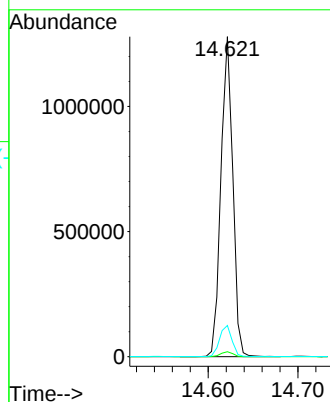
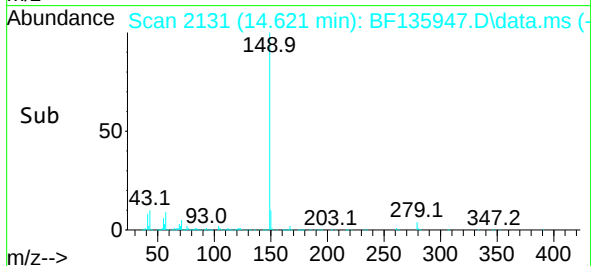
Instrument :
BNA_F
ClientSampleId :
PB156288BS



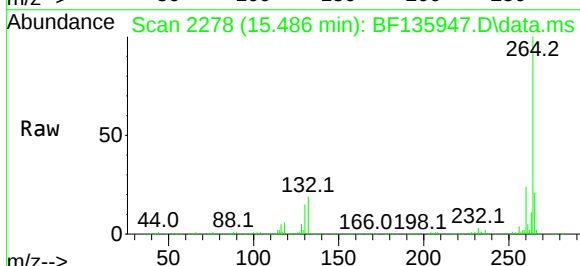
Tgt Ion:149 Resp: 1173584
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.6 12.8

Manual Integrations
APPROVED

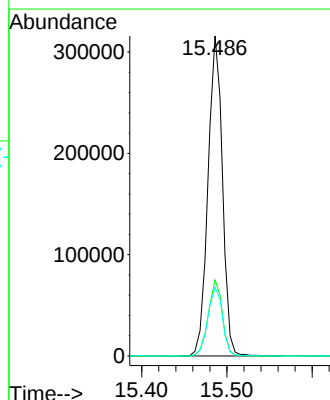
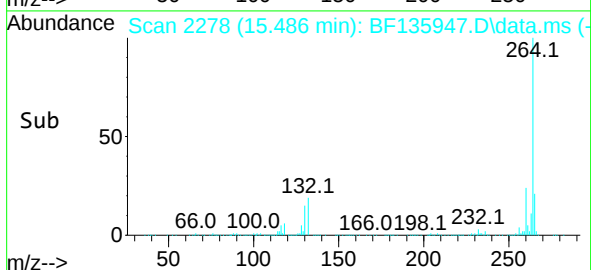
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

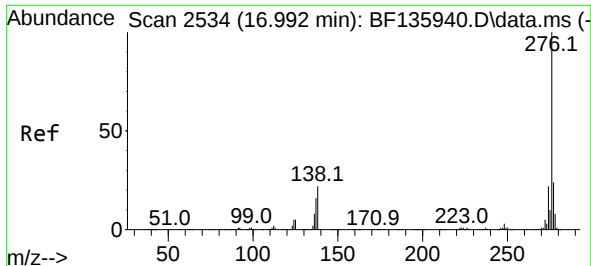


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22



Tgt Ion:264 Resp: 371107
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.5 17.3 25.9





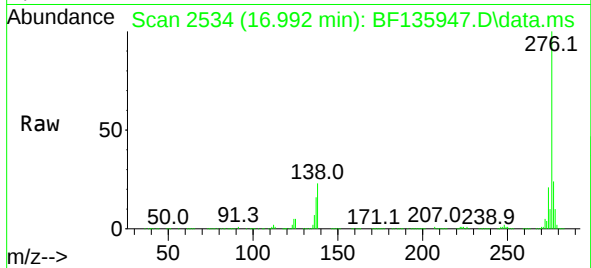
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.592 ng
 RT: 16.992 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BF135947.D
 Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



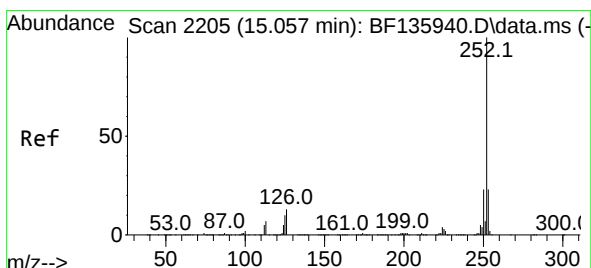
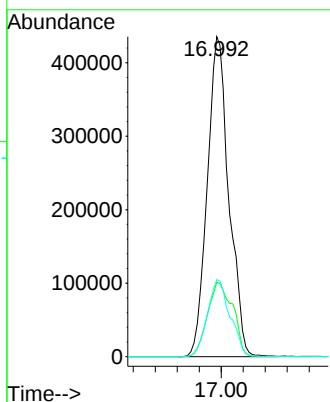
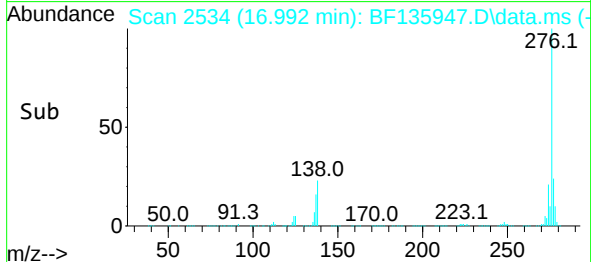
Tgt Ion:276 Resp: 119085
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.8 32.6
 277 25.3 20.0 30.0

Manual Integrations

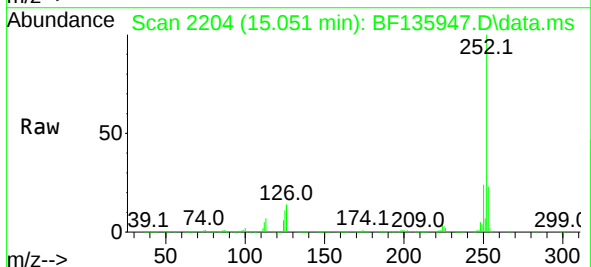
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

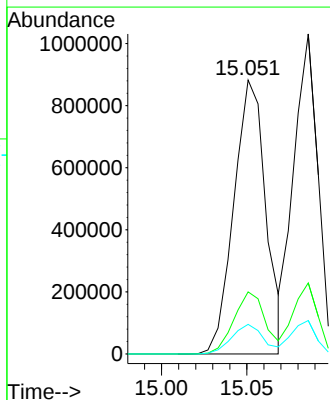
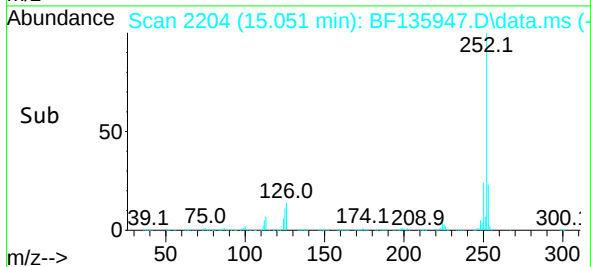
Supervised By :mohammad ahmed 10/26/2023

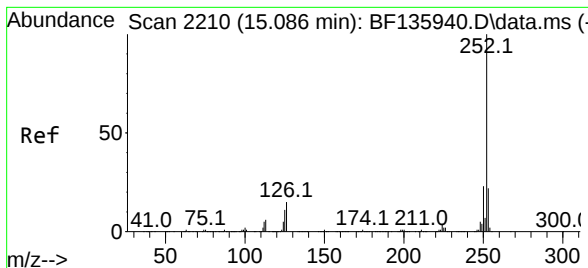


#88
 Benzo(b)fluoranthene
 Concen: 52.237 ng
 RT: 15.051 min Scan# 2204
 Delta R.T. -0.006 min
 Lab File: BF135947.D
 Acq: 25 Oct 2023 18:22



Tgt Ion:252 Resp: 1153682
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.0 27.0
 125 10.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.131 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135947.D

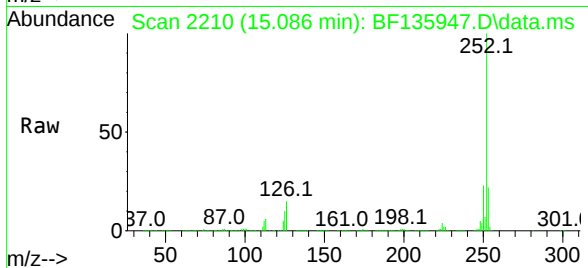
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

ClientSampleId :

PB156288BS



Tgt Ion:252 Resp: 1022300

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

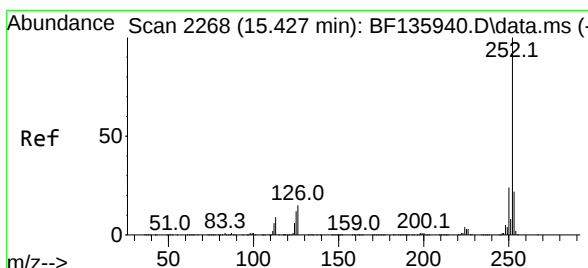
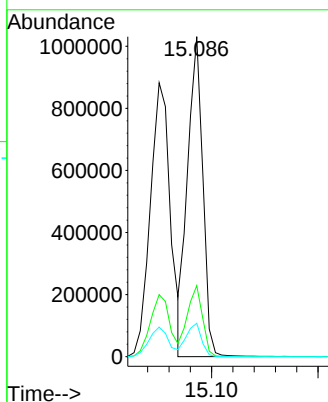
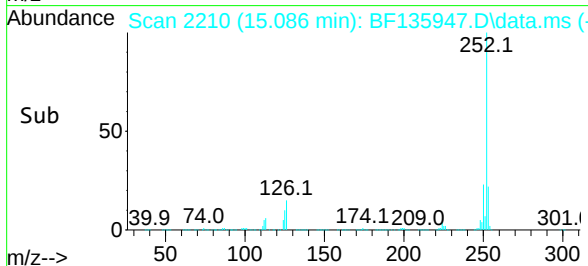
125 10.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#90

Benzo(a)pyrene

Concen: 47.554 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF135947.D

Acq: 25 Oct 2023 18:22

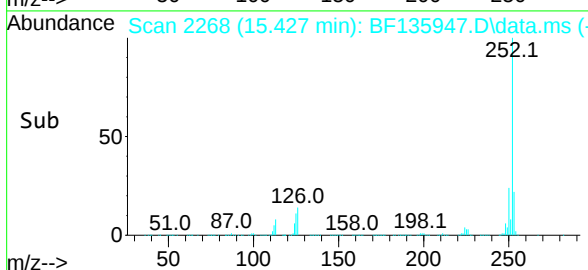
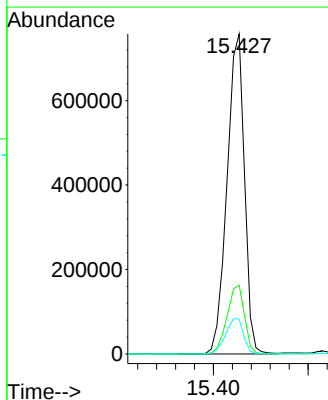
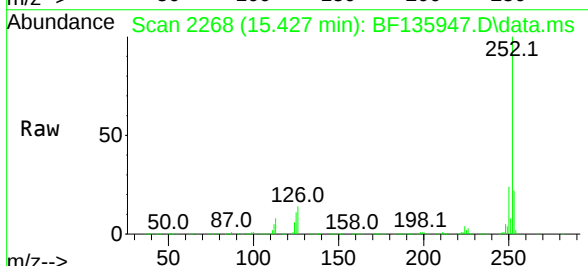
Tgt Ion:252 Resp: 967948

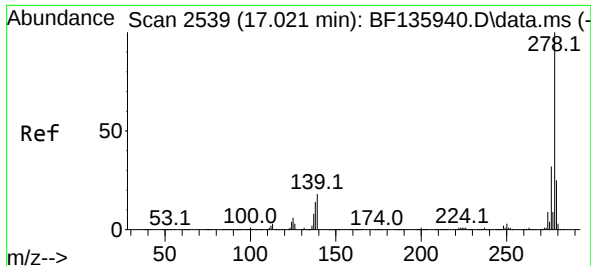
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.8 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 55.093 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Instrument :

BNA_F

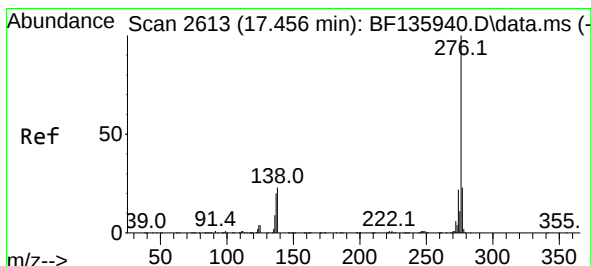
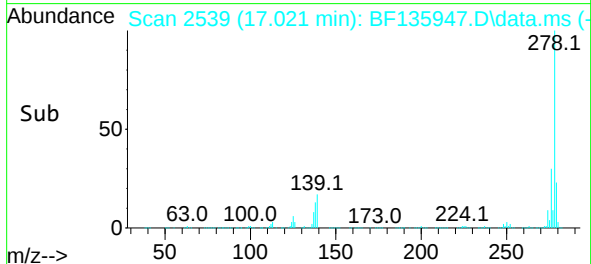
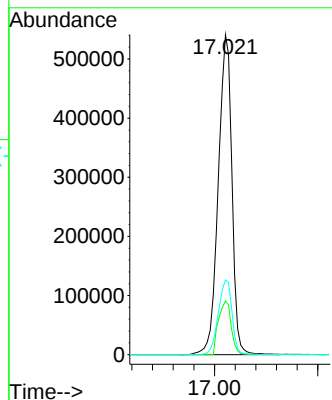
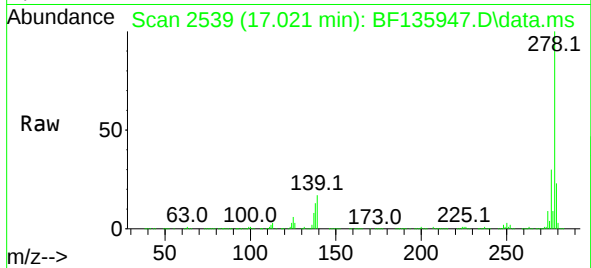
ClientSampleId :

PB156288BS

Tgt Ion:278 Resp: 99163
Ion Ratio Lower Upper
278 100
139 16.8 14.0 21.0
279 23.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#92
Benzo(g,h,i)perylene
Concen: 47.937 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135947.D
Acq: 25 Oct 2023 18:22

Tgt Ion:276 Resp: 980925
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 23.0 18.4 27.6

