

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135305.D
 Acq On : 18 Sep 2023 14:23
 Operator : CG\JU
 Sample : PB155361BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 14:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	293742	40.000	ng	0.00
21) Naphthalene-d8	8.039	136	1137344	40.000	ng	0.00
39) Acenaphthene-d10	9.798	164	571616	40.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1084265	40.000	ng	0.00
76) Chrysene-d12	13.951	240	537526	40.000	ng	0.00
86) Perylene-d12	15.415	264	541137	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1116923	123.688	ng	0.02
7) Phenol-d6	6.410	99	1389793	121.037	ng	0.00
23) Nitrobenzene-d5	7.328	82	908099	86.757	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	346533	122.008	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1534382	80.997	ng	0.00
79) Terphenyl-d14	12.886	244	1563629	90.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	153431	38.758	ng	96
3) Pyridine	3.299	79	405970	38.104	ng	99
4) n-Nitrosodimethylamine	3.257	42	272956	48.279	ng	100
6) Aniline	6.428	93	535420	35.559	ng	# 70
8) 2-Chlorophenol	6.545	128	460424	47.763	ng	100
9) Benzaldehyde	6.316	77	281834	43.085	ng	98
10) Phenol	6.422	94	521464	41.416	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	453377	48.004	ng	100
12) 1,3-Dichlorobenzene	6.698	146	450229	45.957	ng	98
13) 1,4-Dichlorobenzene	6.781	146	441879	44.333	ng	98
14) 1,2-Dichlorobenzene	6.928	146	426076	46.031	ng	99
15) Benzyl Alcohol	6.910	79	386857	46.951	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	854801	48.017	ng	97
17) 2-Methylphenol	7.022	107	362141	42.571	ng	98
18) Hexachloroethane	7.263	117	172478	46.833	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	294177	41.362	ng	94
20) 3+4-Methylphenols	7.175	107	407378	39.826	ng	97
22) Acetophenone	7.175	105	571889	43.987	ng	97
24) Nitrobenzene	7.345	77	477010	46.107	ng	100
25) Isophorone	7.587	82	900198	46.836	ng	99
26) 2-Nitrophenol	7.663	139	247777	49.901	ng	92
27) 2,4-Dimethylphenol	7.704	122	397576	47.636	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	547635	47.604	ng	99
29) 2,4-Dichlorophenol	7.904	162	359379	46.469	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	380674	47.093	ng	98
31) Naphthalene	8.063	128	1243845	45.018	ng	99
32) Benzoic acid	7.845	122	310864	49.463	ng	99
33) 4-Chloroaniline	8.116	127	456586	37.664	ng	99
34) Hexachlorobutadiene	8.175	225	218699	44.869	ng	99
35) Caprolactam	8.492	113	137725m	53.062	ng	
36) 4-Chloro-3-methylphenol	8.610	107	400694	46.617	ng	94
37) 2-Methylnaphthalene	8.751	142	817272	44.004	ng	97
38) 1-Methylnaphthalene	8.851	142	748406	43.040	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	376443	45.464	ng	98
41) Hexachlorocyclopentadiene	8.904	237	295175	88.205	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	256549	47.322	ng	98

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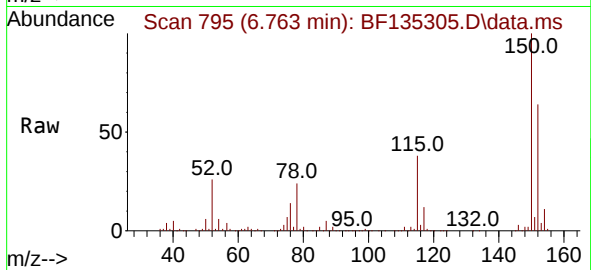
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	284272	45.533	ng	98
46) 1,1'-Biphenyl	9.222	154	982739	44.743	ng	99
47) 2-Chloronaphthalene	9.245	162	754846	47.367	ng	99
48) 2-Nitroaniline	9.345	65	308258	49.790	ng	93
49) Acenaphthylene	9.663	152	1178512	44.498	ng	99
50) Dimethylphthalate	9.528	163	913774	47.288	ng	99
51) 2,6-Dinitrotoluene	9.592	165	205166	48.467	ng	97
52) Acenaphthene	9.833	154	723466	46.241	ng	99
53) 3-Nitroaniline	9.763	138	209820	42.226	ng	97
54) 2,4-Dinitrophenol	9.880	184	232399	101.650	ng	96
55) Dibenzofuran	10.004	168	1034252	43.319	ng	97
56) 4-Nitrophenol	9.939	139	317406	100.507	ng	99
57) 2,4-Dinitrotoluene	10.004	165	241707	45.609	ng	86
58) Fluorene	10.351	166	818897	44.616	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228525	47.584	ng	99
60) Diethylphthalate	10.228	149	926757	47.788	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	384696	43.632	ng	98
62) 4-Nitroaniline	10.386	138	235044	49.209	ng	98
63) Azobenzene	10.504	77	913853	48.149	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	154393	53.619	ng	91
66) n-Nitrosodiphenylamine	10.469	169	777043	47.344	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	251802	46.700	ng	97
68) Hexachlorobenzene	10.898	284	263638	47.994	ng	# 89
69) Atrazine	11.004	200	251544	56.959	ng	97
70) Pentachlorophenol	11.098	266	259304	78.899	ng	98
71) Phenanthrene	11.316	178	1211665	47.256	ng	98
72) Anthracene	11.369	178	1240322	47.061	ng	100
73) Carbazole	11.527	167	1171623	48.834	ng	100
74) Di-n-butylphthalate	11.857	149	1394476	49.325	ng	99
75) Fluoranthene	12.510	202	1273947	47.683	ng	99
77) Benzidine	12.639	184	513224	93.210	ng	98
78) Pyrene	12.739	202	1284599	50.203	ng	99
80) Butylbenzylphthalate	13.363	149	490883	54.487	ng	94
81) Benzo(a)anthracene	13.939	228	784046	45.178	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	250821	46.270	ng	99
83) Chrysene	13.974	228	774620	44.894	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	530448	57.377	ng	98
85) Di-n-octyl phthalate	14.545	149	800227	54.466	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	832962	46.953	ng	97
88) Benzo(b)fluoranthene	14.986	252	658157	44.935	ng	98
89) Benzo(k)fluoranthene	15.015	252	648749	44.839	ng	98
90) Benzo(a)pyrene	15.351	252	607747	43.511	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	679309	46.799	ng	99
92) Benzo(g,h,i)perylene	17.345	276	703857	46.430	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

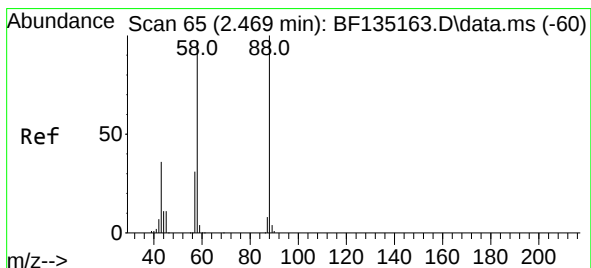
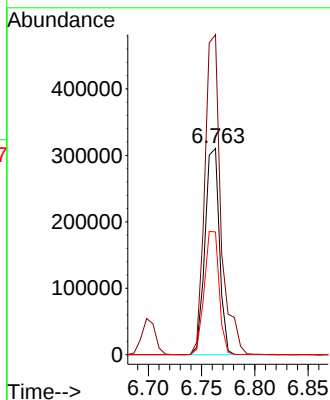
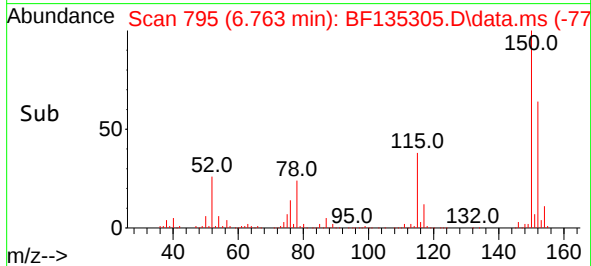
Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD



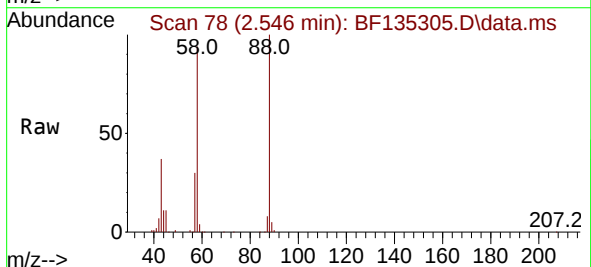
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 Ion Ratio Lower Upper
 152 100
 150 155.1 127.8 191.6
 115 59.5 49.8 74.8

Manual Integrations
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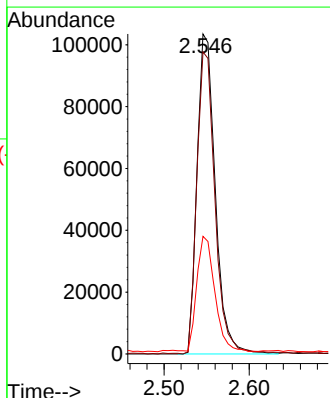
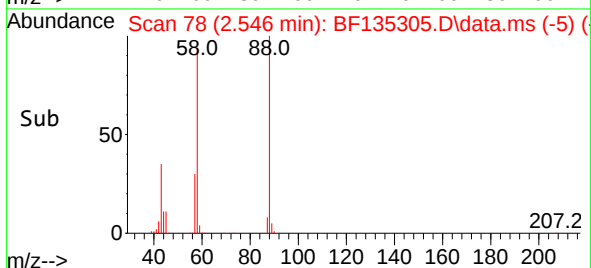
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

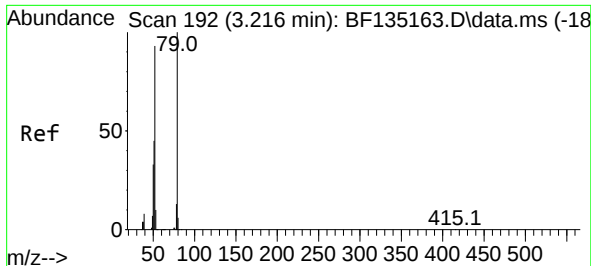


#2
 1,4-Dioxane
 Concen: 38.758 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.077 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23



Tgt Ion: 88 Resp: 153431
 Ion Ratio Lower Upper
 88 100
 58 93.7 78.3 117.5
 43 35.6 29.4 44.0





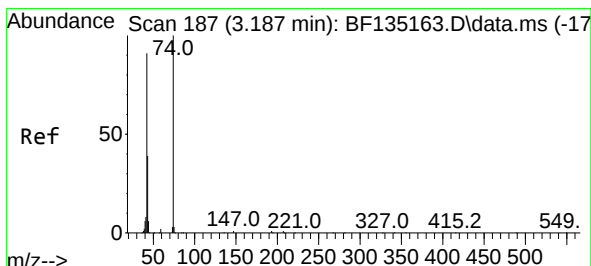
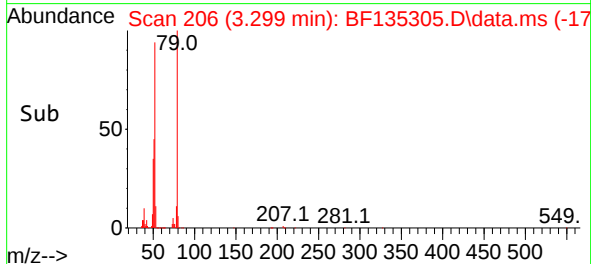
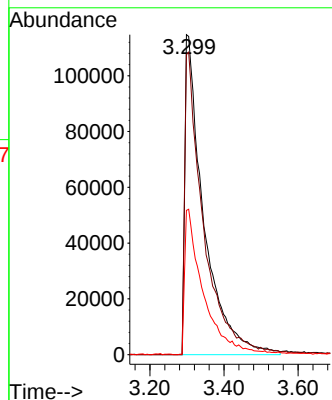
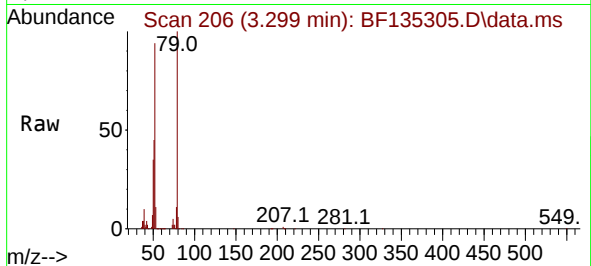
#3
Pyridine
Concen: 38.104 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.083 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB155361BSD

Tgt Ion: 79 Resp: 405970
Ion Ratio Lower Upper
79 100
52 93.8 74.1 111.1
51 45.1 35.8 53.8

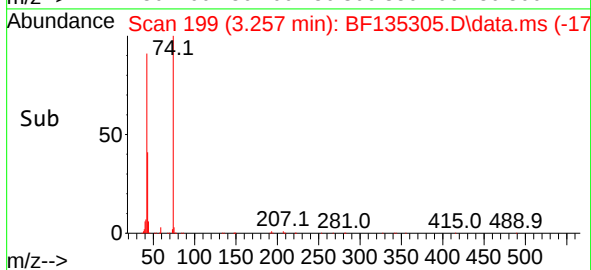
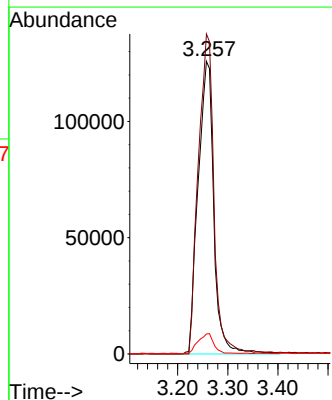
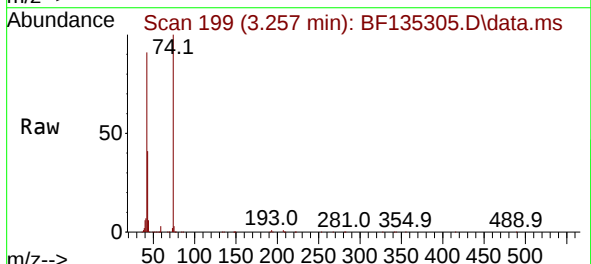
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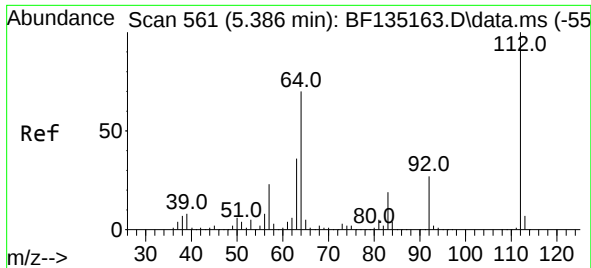
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#4
n-Nitrosodimethylamine
Concen: 48.279 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.071 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 42 Resp: 272956
Ion Ratio Lower Upper
42 100
74 109.3 87.7 131.5
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 123.688 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

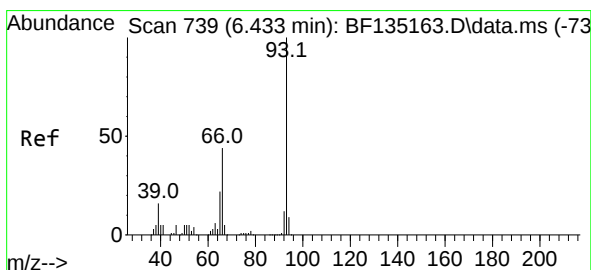
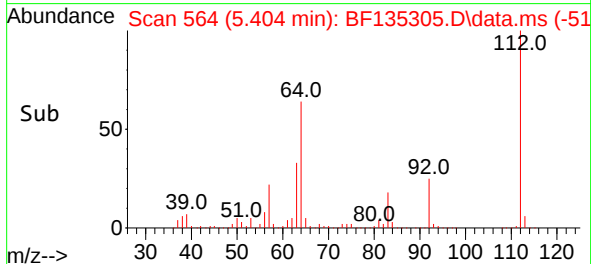
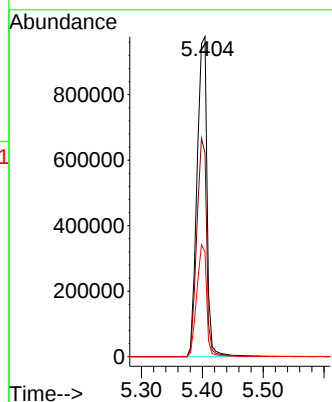
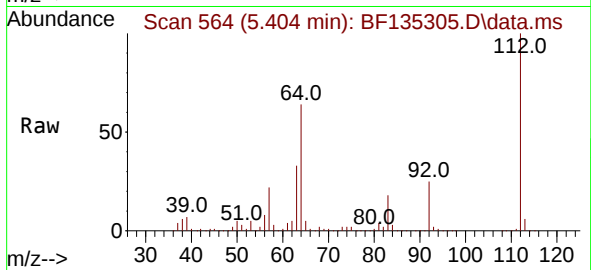
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Tgt Ion:112 Resp: 111692
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 32.7 29.0 43.6

Manual Integrations

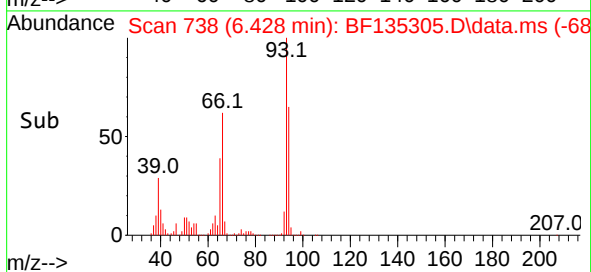
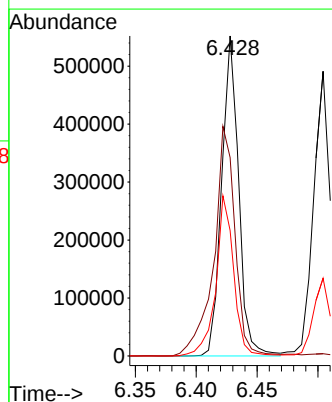
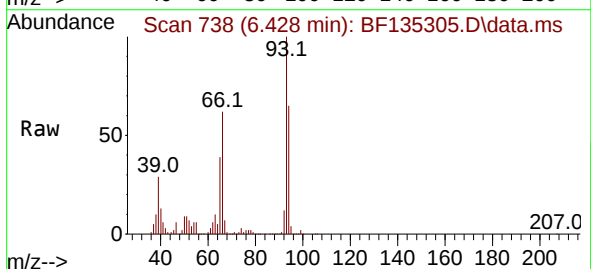
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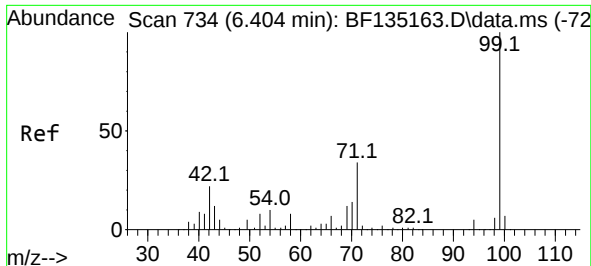
Reviewed By :Yogesh Patel 09/19/2023
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#6
Aniline
Concen: 35.559 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

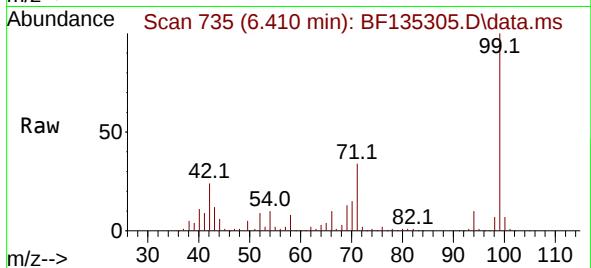
Tgt Ion: 93 Resp: 535420
Ion Ratio Lower Upper
93 100
66 62.0 35.4 53.0#
65 39.2 17.8 26.8#





#7
Phenol-d6
Concen: 121.037 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

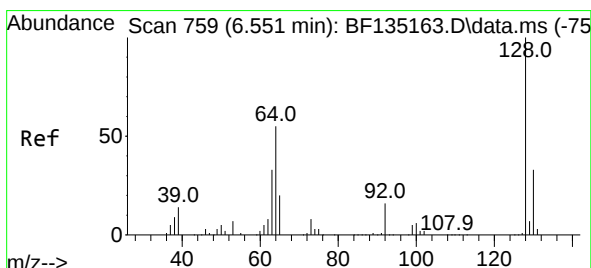
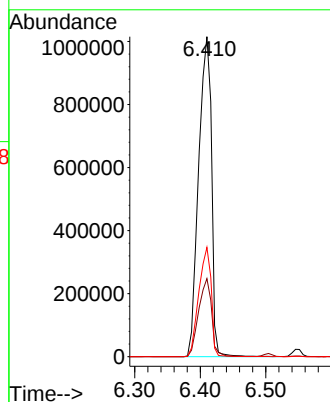
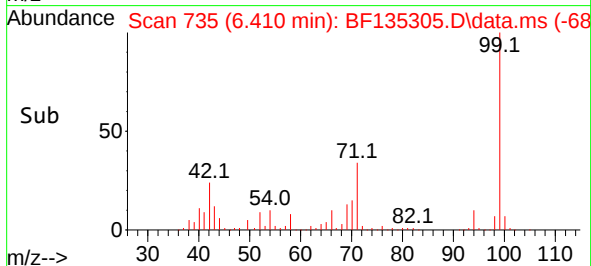
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion: 99 Resp: 138979
Ion Ratio Lower Upper
99 100
42 24.4 17.9 26.9
71 34.1 27.0 40.6

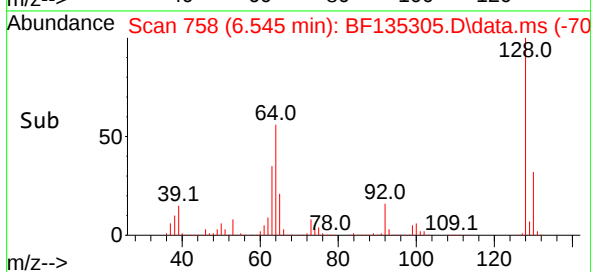
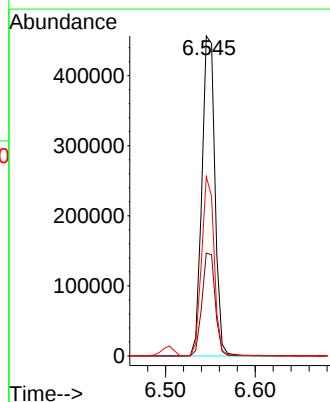
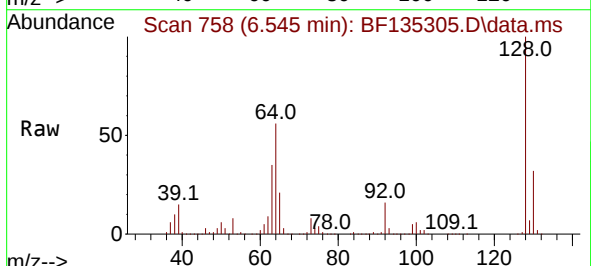
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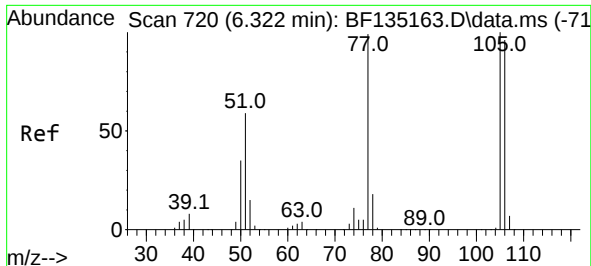
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#8
2-Chlorophenol
Concen: 47.763 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

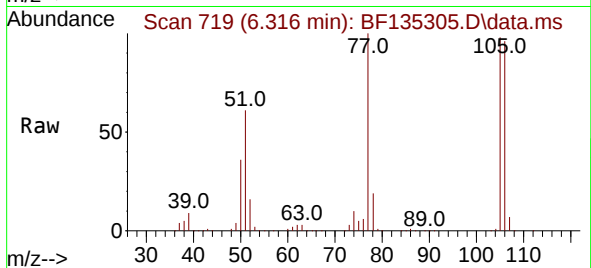
Tgt Ion:128 Resp: 460424
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 56.0 35.9 75.9





#9
Benzaldehyde
Concen: 43.085 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

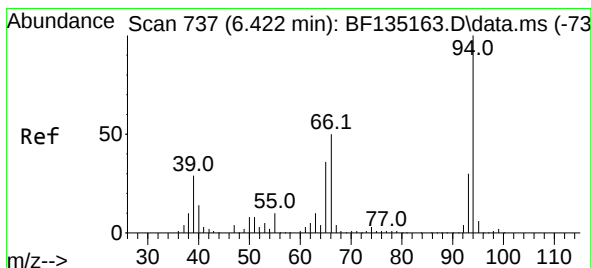
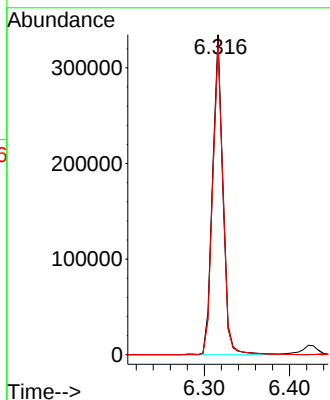
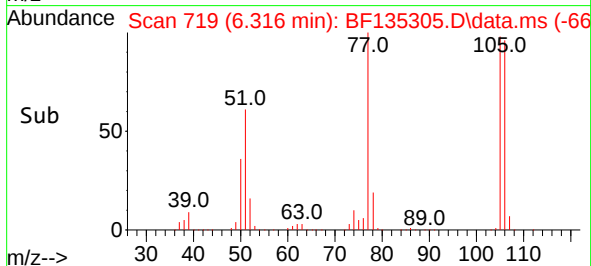
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion: 77 Resp: 281834
Ion Ratio Lower Upper
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105 98.2 81.4 121.4
106 95.7 76.9 116.9

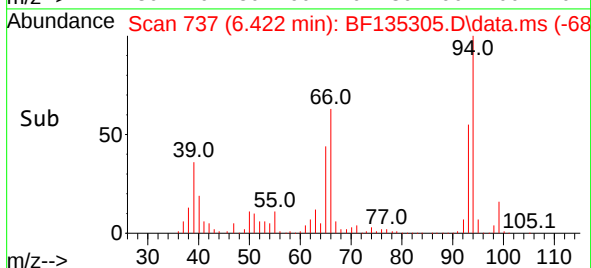
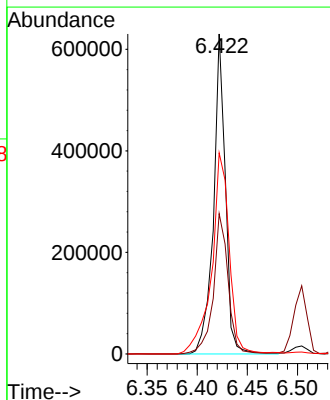
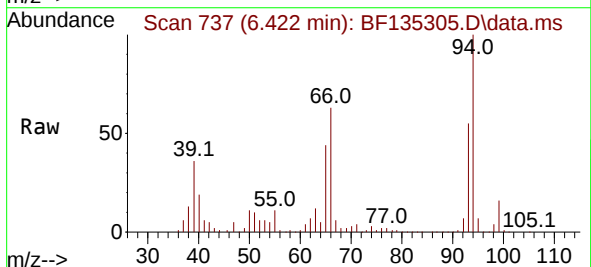
Manual Integrations
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#10
Phenol
Concen: 41.416 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 94 Resp: 521464
Ion Ratio Lower Upper
94 100
65 43.8 15.9 55.9
66 62.9 29.8 69.8





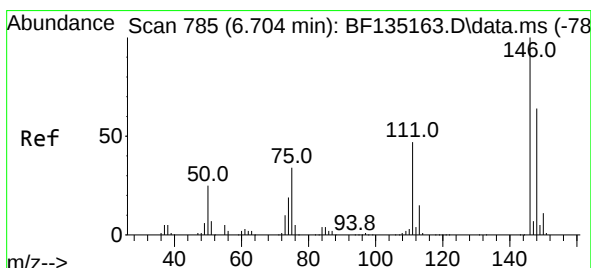
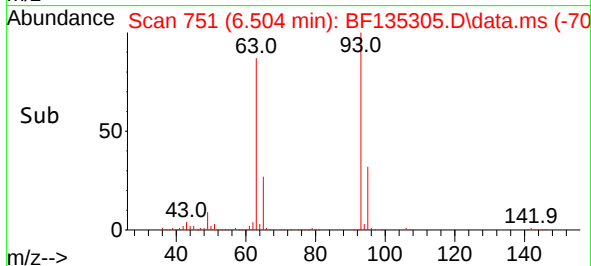
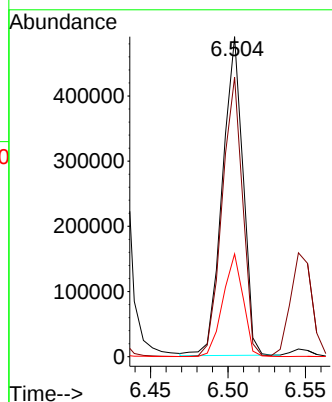
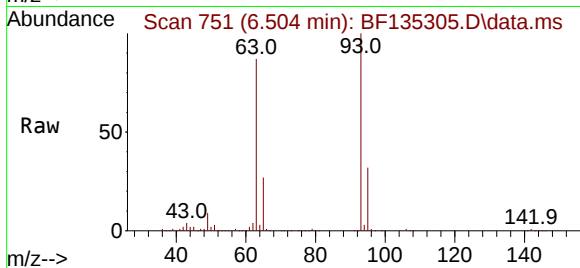
#11
bis(2-Chloroethyl)ether
Concen: 48.004 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB155361BSD

Tgt Ion: 93 Resp: 45337
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 32.1 12.7 52.7

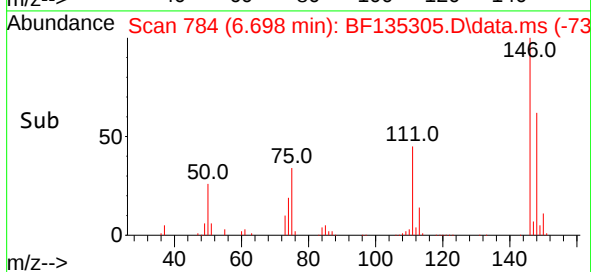
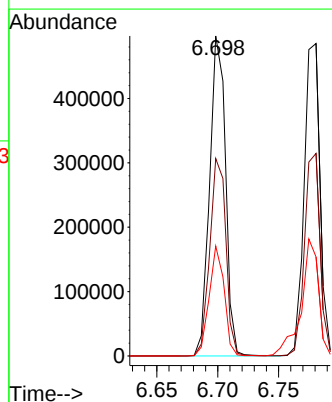
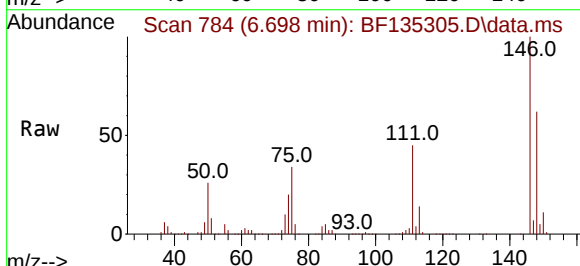
Manual Integrations
APPROVED

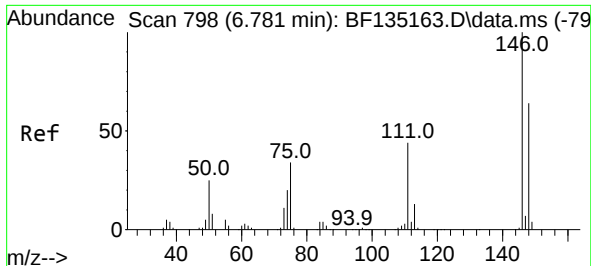
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 45.957 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:146 Resp: 450229
Ion Ratio Lower Upper
146 100
148 61.7 51.3 76.9
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.333 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:146 Resp: 441879

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

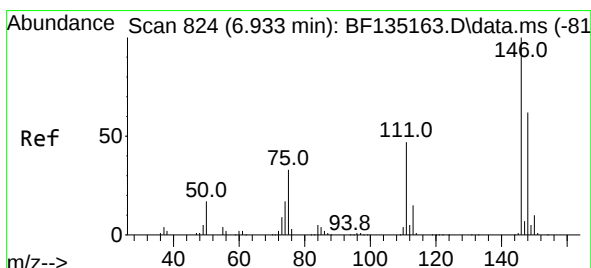
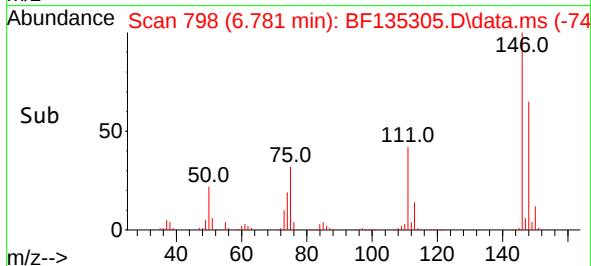
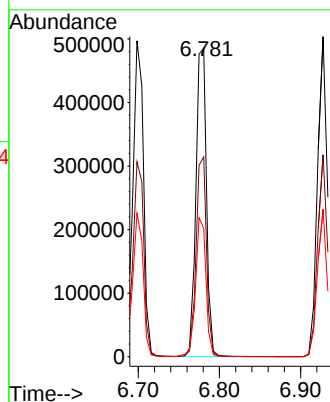
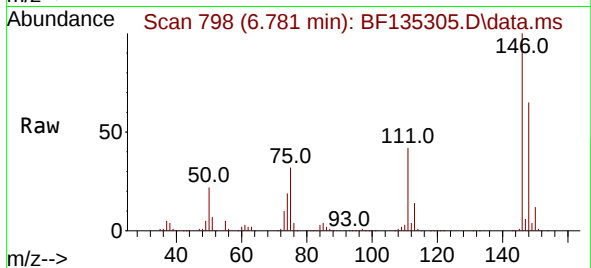
111 41.6 35.1 52.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#14

1,2-Dichlorobenzene

Concen: 46.031 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

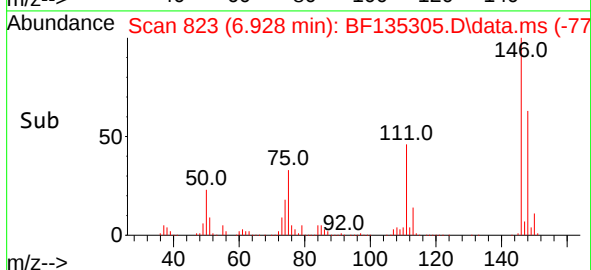
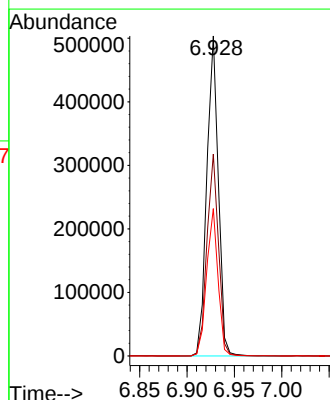
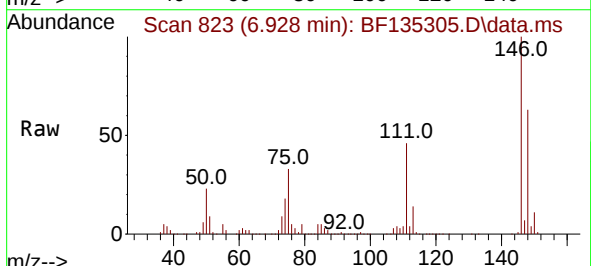
Tgt Ion:146 Resp: 426076

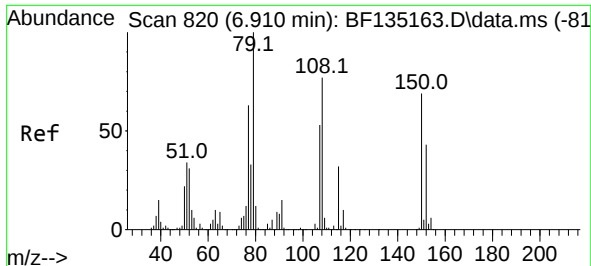
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

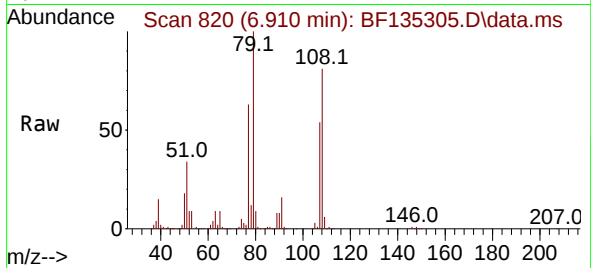
111 46.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 46.951 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

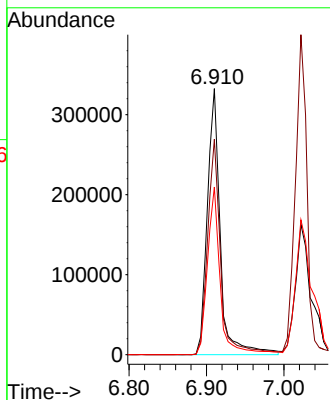
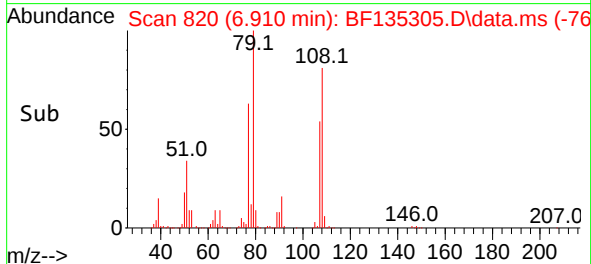
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion: 79 Resp: 38685
Ion Ratio Lower Upper
79 100
108 81.0 61.2 91.8
77 63.0 50.5 75.7

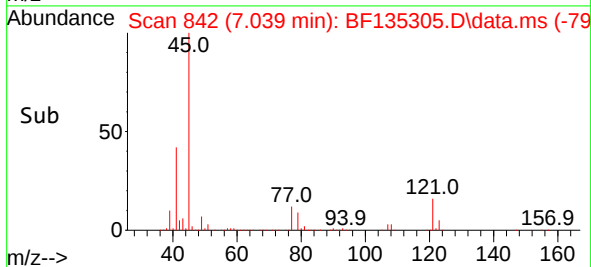
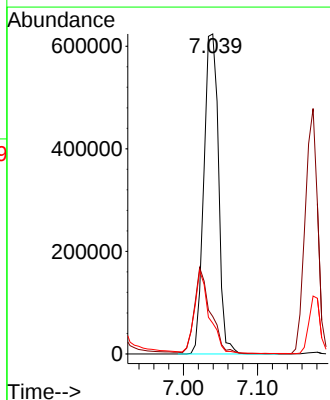
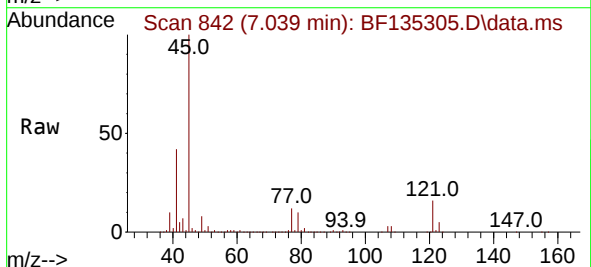
Manual Integrations
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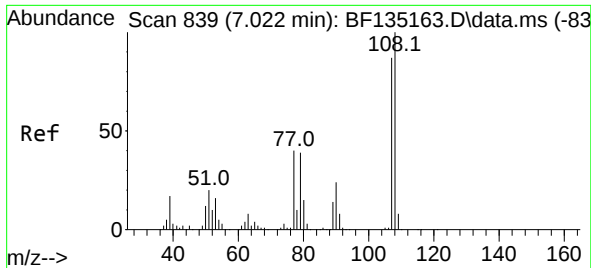
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.017 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 45 Resp: 854801
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 9.6 0.0 28.3





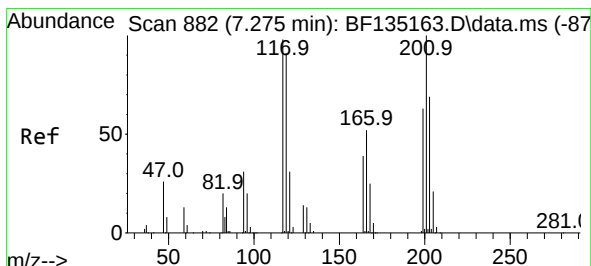
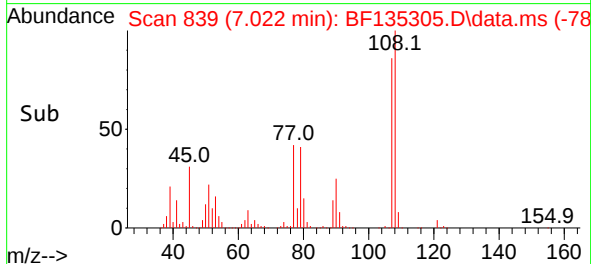
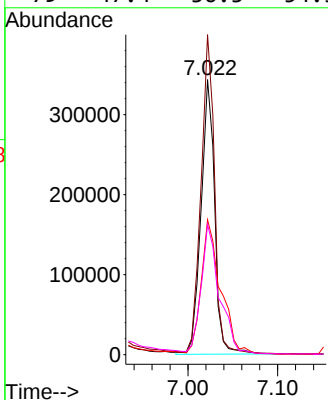
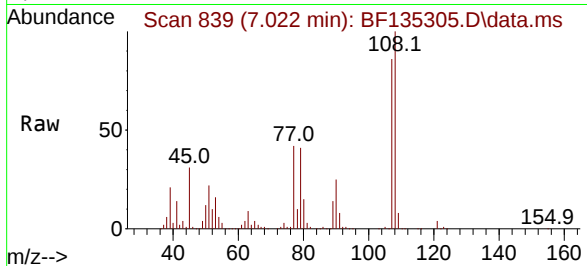
#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB155361BSD

Tgt Ion:107 Resp: 36214
Ion Ratio Lower Upper
107 100
108 116.3 92.0 138.0
77 49.0 36.7 55.1
79 47.4 36.3 54.5

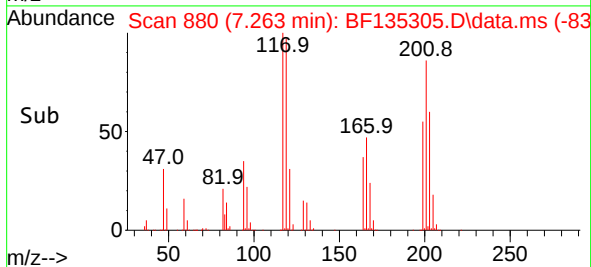
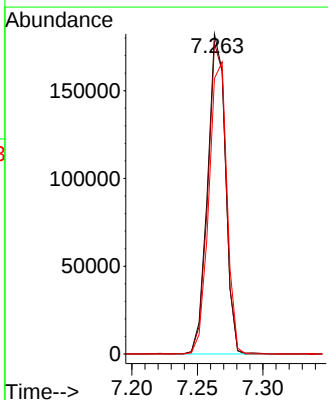
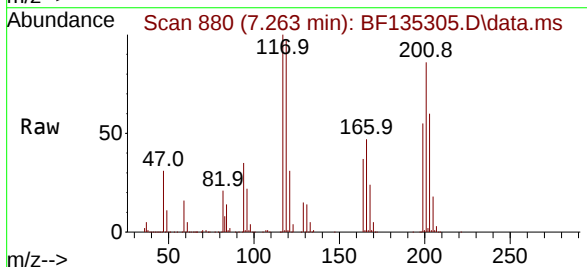
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#18
Hexachloroethane
Concen: 46.833 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

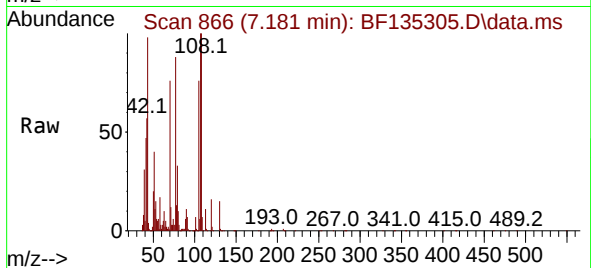
Tgt Ion:117 Resp: 172478
Ion Ratio Lower Upper
117 100
119 97.2 74.7 112.1
201 86.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.362 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

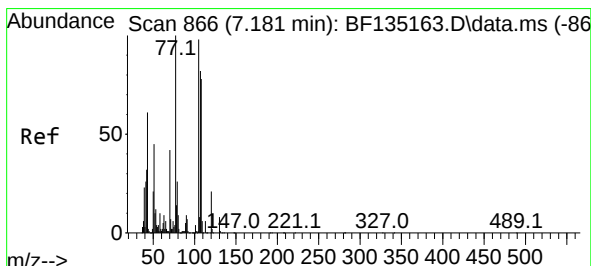
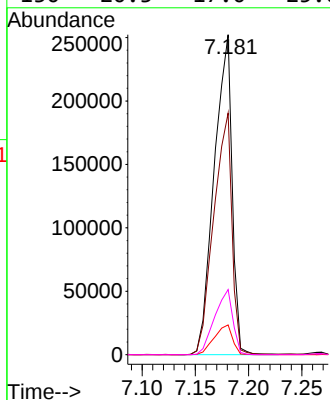
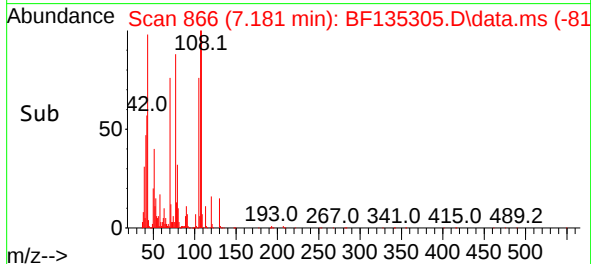
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



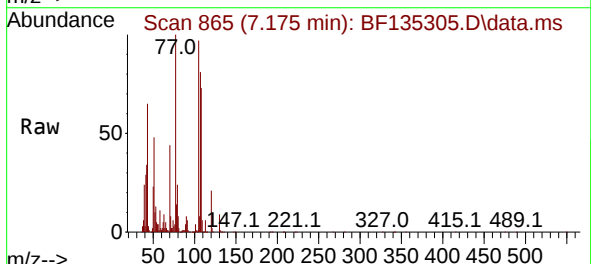
Tgt Ion: 70 Resp: 29417
Ion Ratio Lower Upper
70 100
42 75.5 55.4 83.0
101 9.3 7.7 11.5
130 20.3 17.0 25.6

Manual Integrations
APPROVED

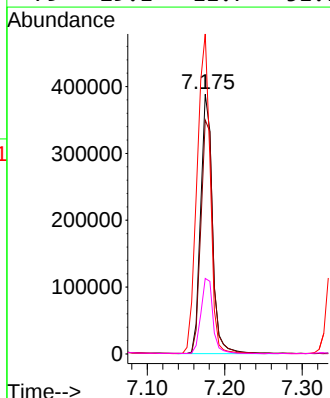
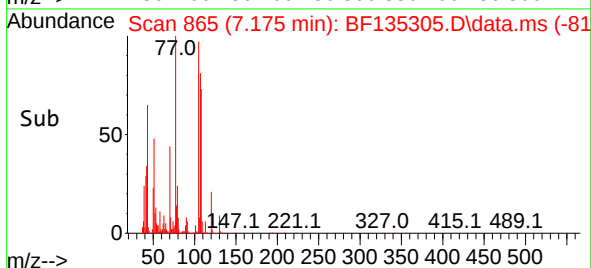
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

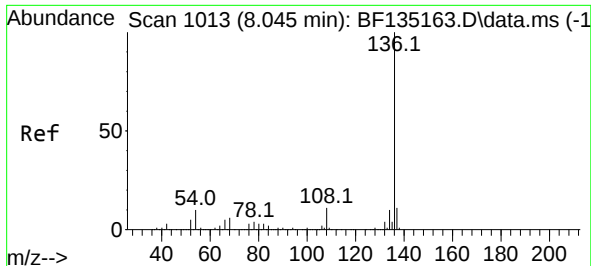


#20
3+4-Methylphenols
Concen: 39.826 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:107 Resp: 407378
Ion Ratio Lower Upper
107 100
108 90.1 74.7 114.7
77 123.2 102.0 142.0
79 29.1 11.7 51.7





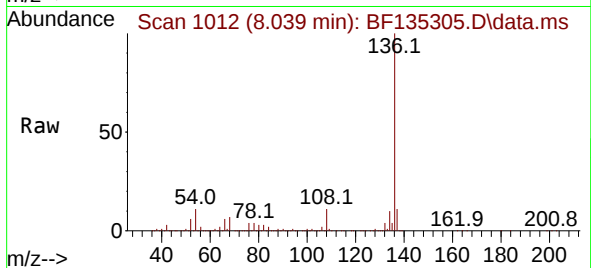
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

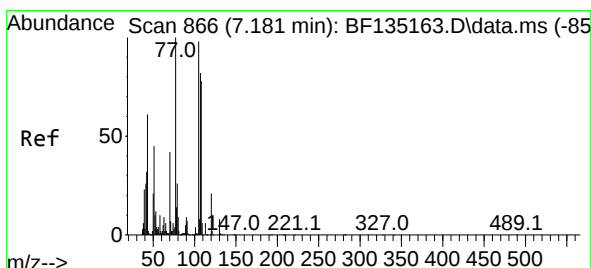
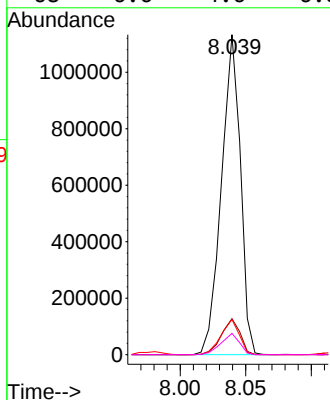
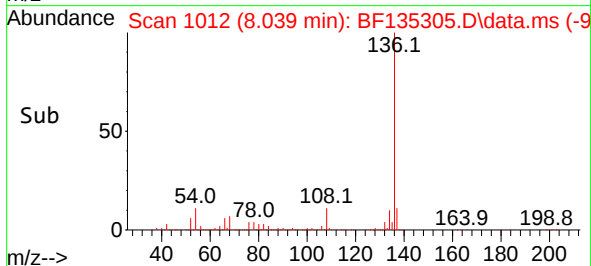


Tgt Ion:136 Resp: 1137344
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.0 7.7 11.5
68 6.6 4.6 6.8

Manual Integrations

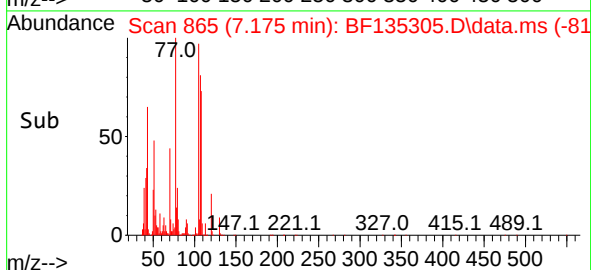
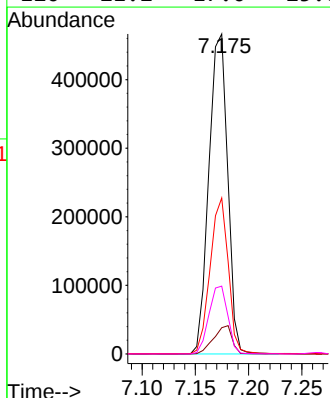
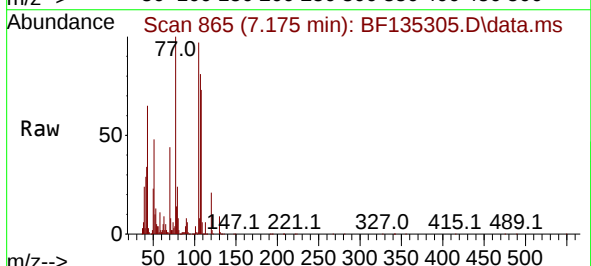
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 43.987 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:105 Resp: 571889
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 48.8 37.0 55.4
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.757 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion: 82 Resp: 908099

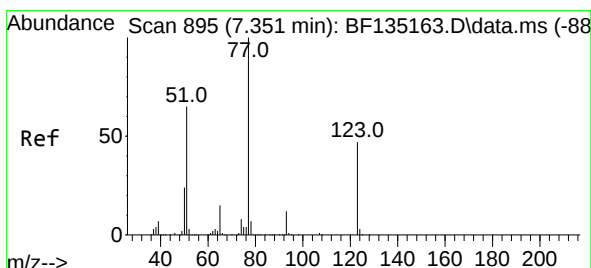
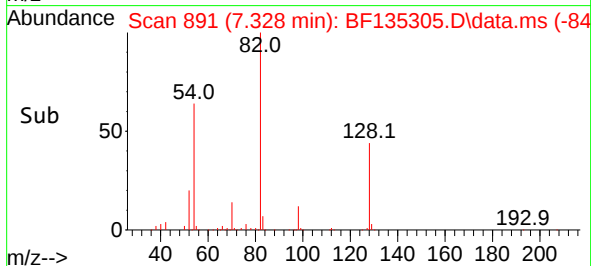
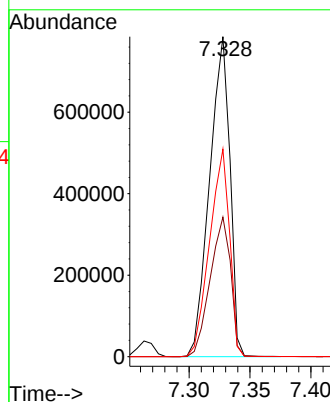
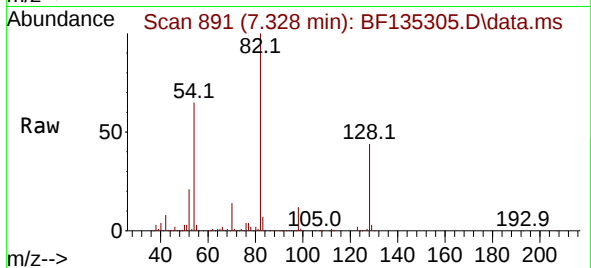
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.8	53.6
54	64.8	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 46.107 ng

RT: 7.345 min Scan# 894

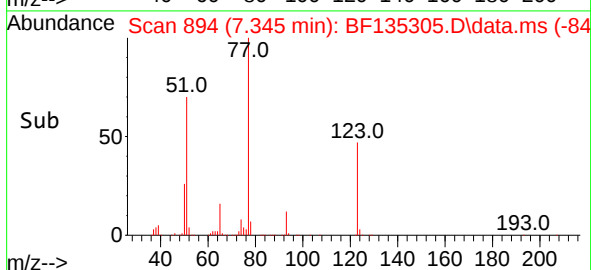
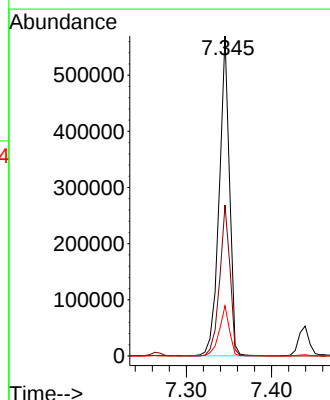
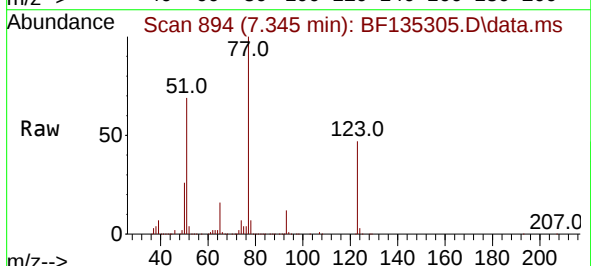
Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion: 77 Resp: 477010

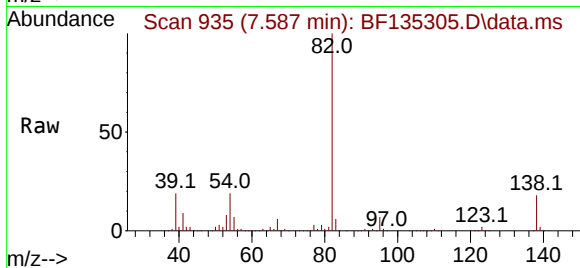
Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.6	56.4
65	15.7	12.2	18.4





#25
Isophorone
Concen: 46.836 ng
RT: 7.587 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

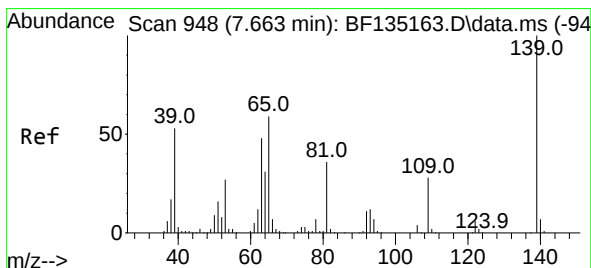
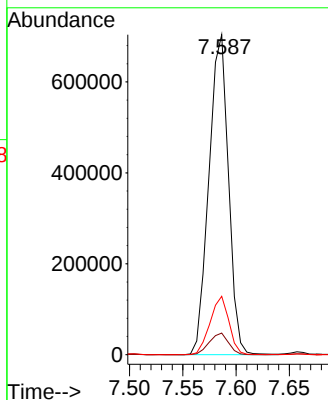
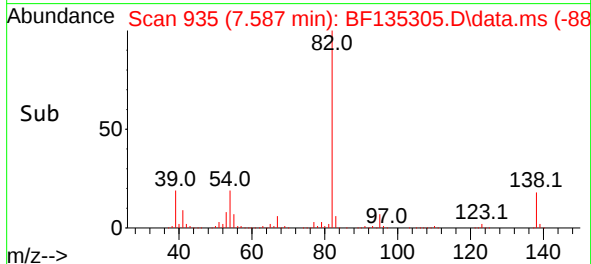
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



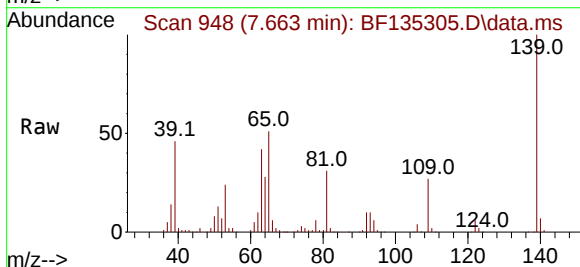
Tgt Ion: 82 Resp: 900198
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.2 14.5 21.7

Manual Integrations
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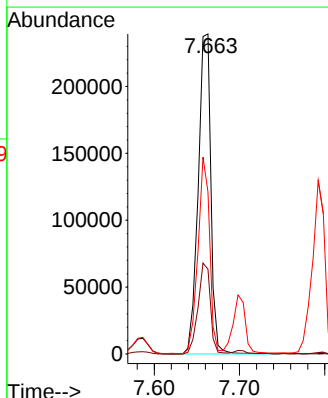
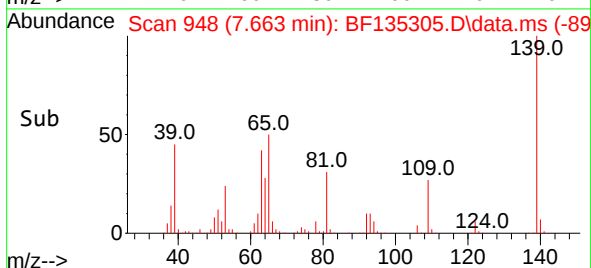
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 49.901 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:139 Resp: 247777
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 50.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.636 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135305.D

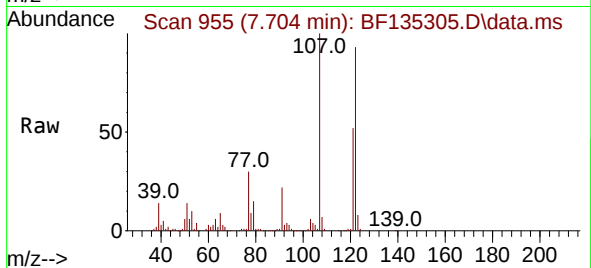
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD



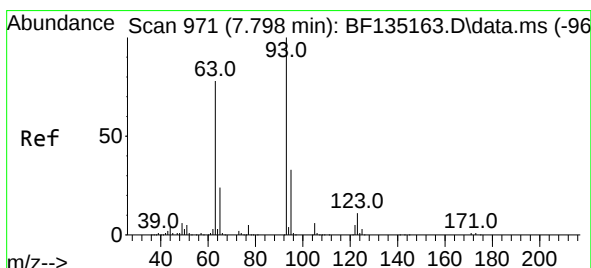
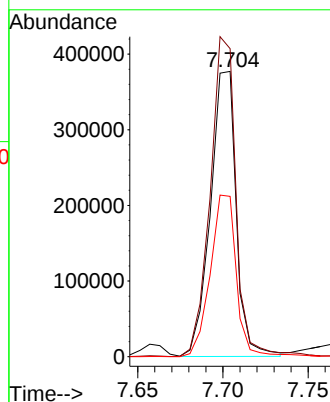
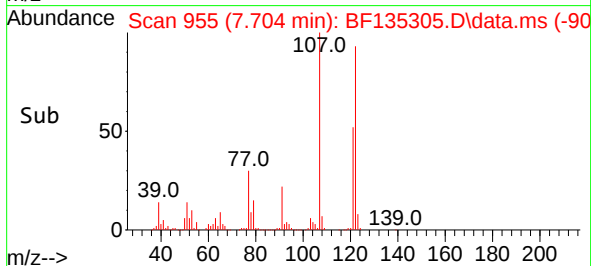
Tgt Ion:	122	Resp:	397570
Ion Ratio	Lower	Upper	
122	100		
107	108.0	90.2	135.4
121	56.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.604 ng

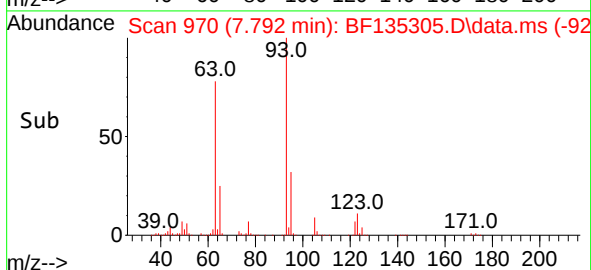
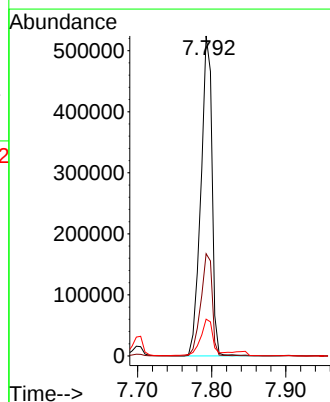
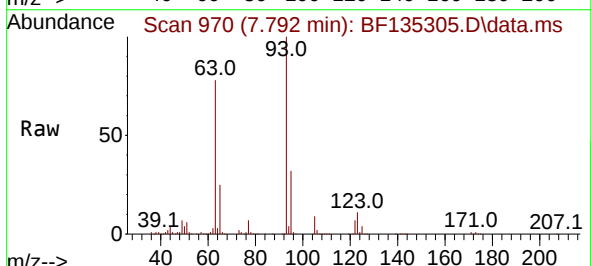
RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:	93	Resp:	547635
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.2	39.2
123	11.5	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 46.469 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

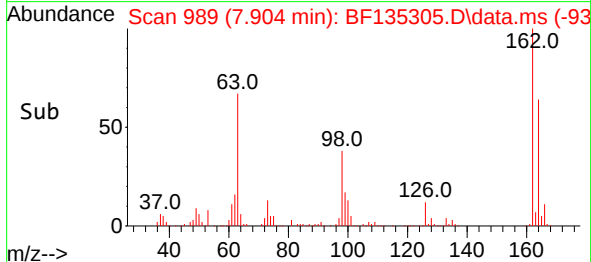
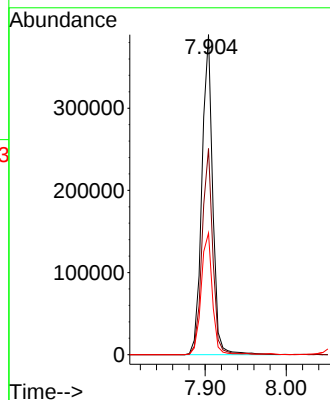
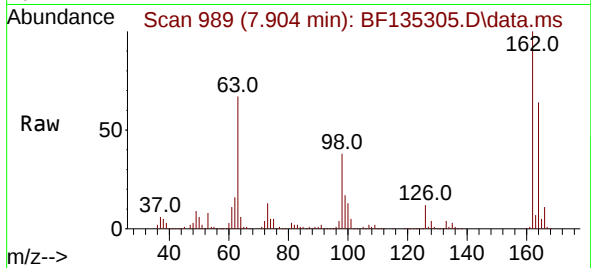
Tgt Ion:162 Resp: 359379
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.1 84.1
 98 38.0 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.093 ng

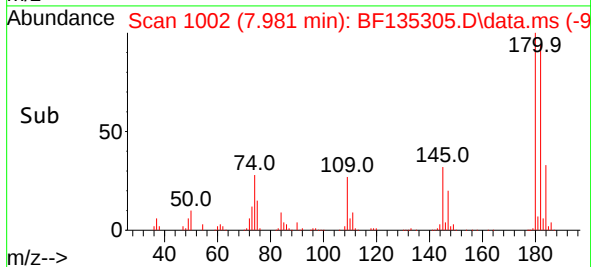
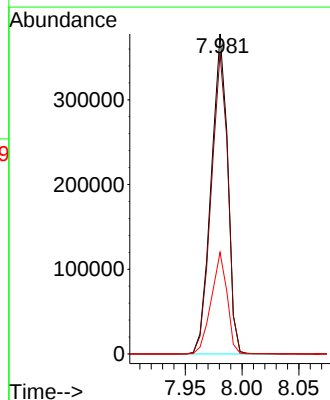
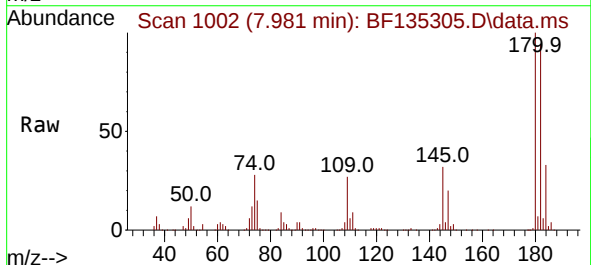
RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:180 Resp: 380674
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.9 115.3
 145 31.7 24.5 36.7





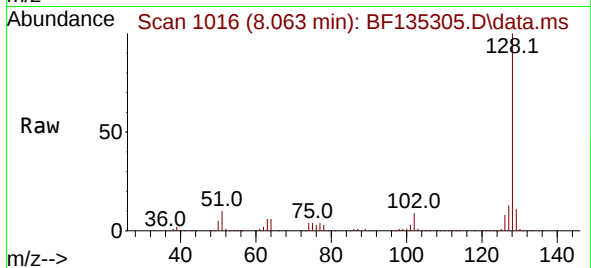
#31
Naphthalene
Concen: 45.018 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

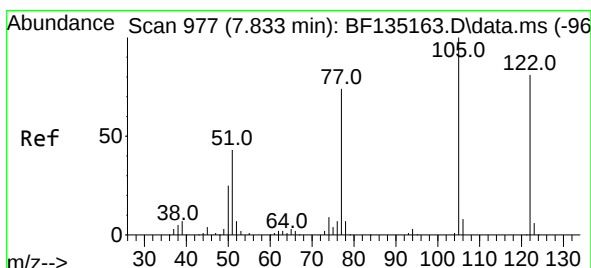
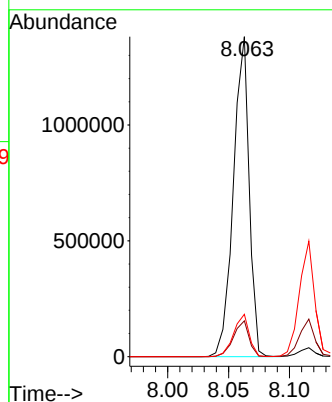
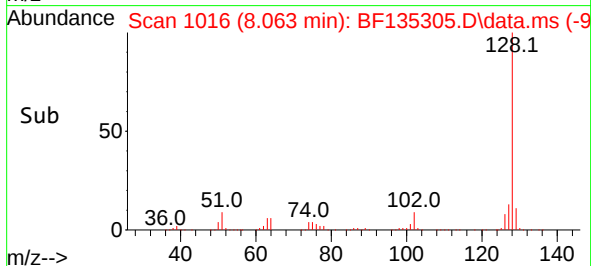


Tgt Ion:128 Resp: 124384
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

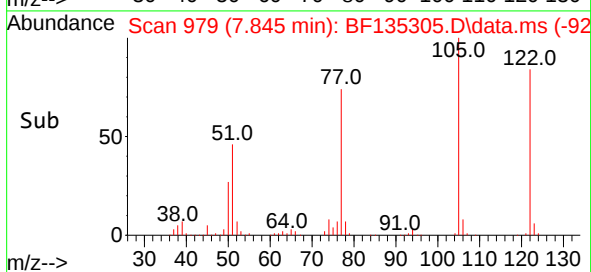
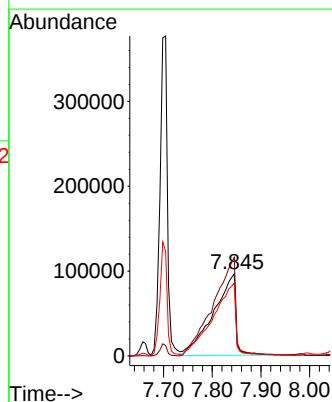
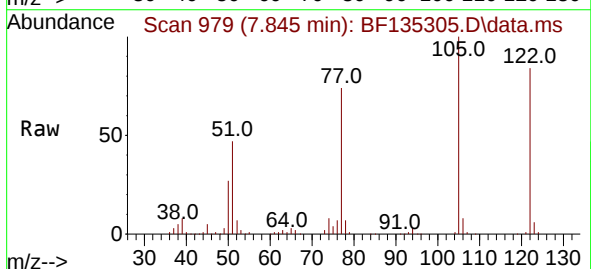
APPROVED

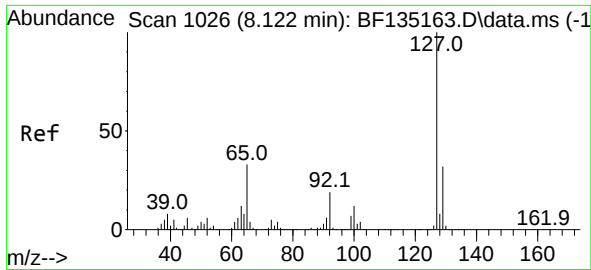
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 49.463 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:122 Resp: 310864
Ion Ratio Lower Upper
122 100
105 119.7 99.9 139.9
77 88.6 70.0 110.0





#33
4-Chloroaniline
Concen: 37.664 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

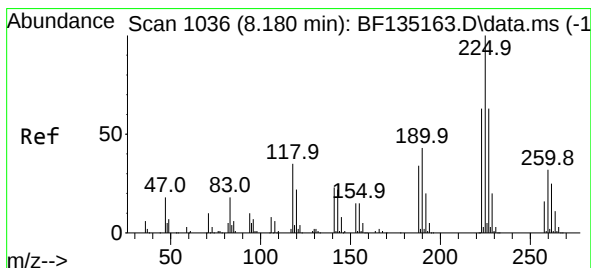
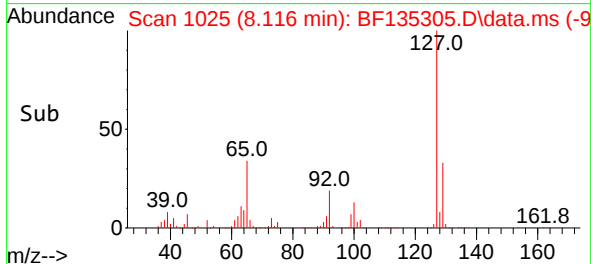
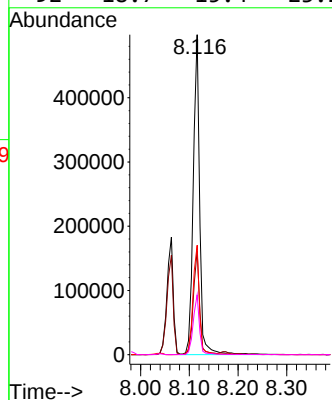
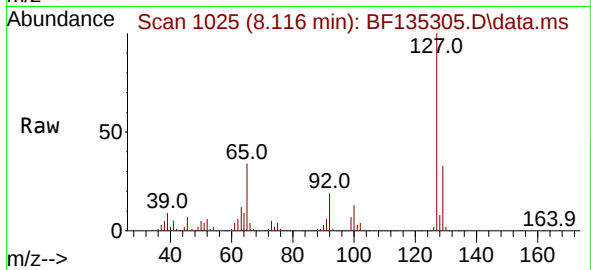
PB155361BSD

Tgt Ion:127 Resp: 456580
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 34.2 26.6 39.8
92 18.7 15.4 23.2

Manual Integrations

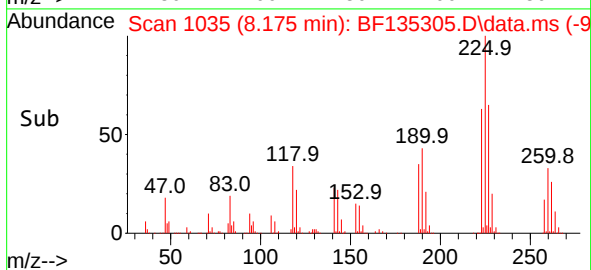
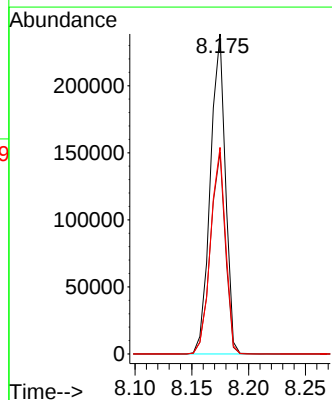
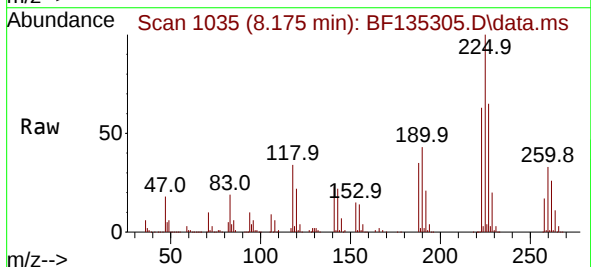
APPROVED

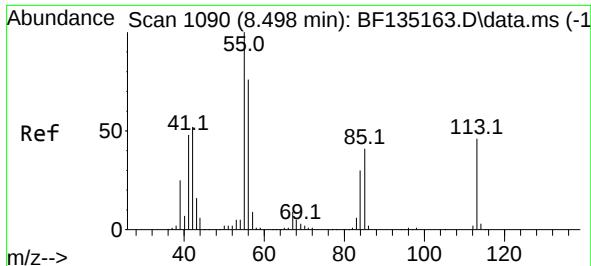
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 44.869 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

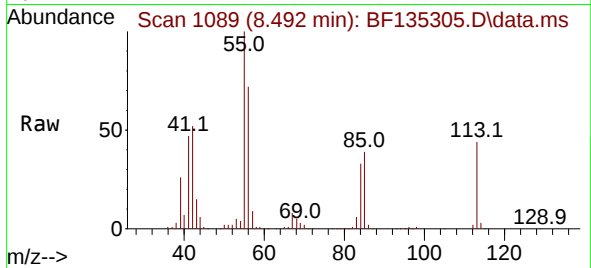
Tgt Ion:225 Resp: 218699
Ion Ratio Lower Upper
225 100
223 63.0 50.6 75.8
227 64.6 50.8 76.2





#35
Caprolactam
Concen: 53.062 ng m
RT: 8.492 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

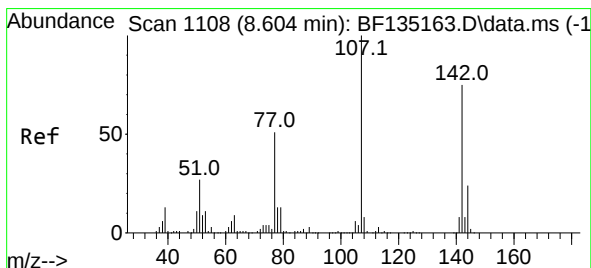
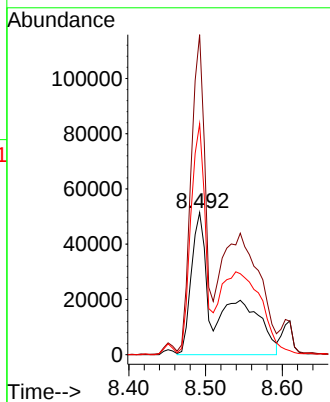
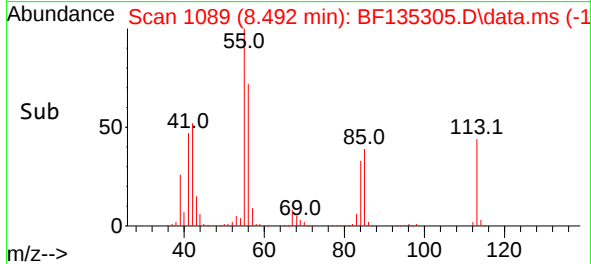
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion:113 Resp: 137725
Ion Ratio Lower Upper
113 100
55 225.2 199.3 239.3
56 162.5 146.3 186.3

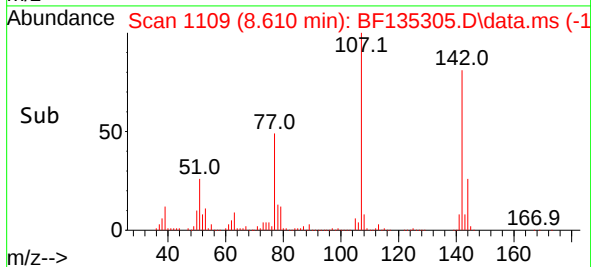
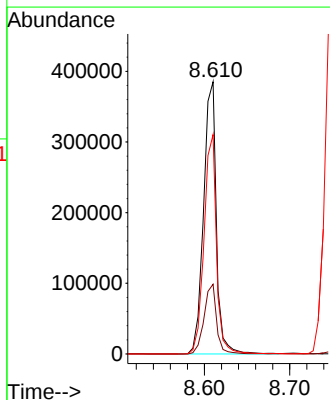
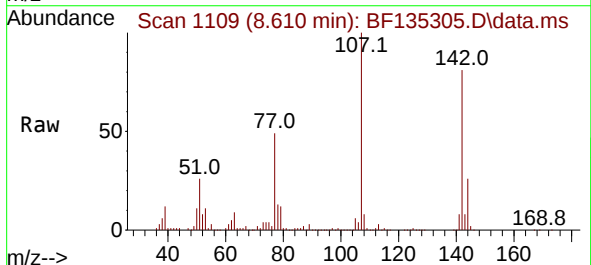
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 46.617 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:107 Resp: 400694
Ion Ratio Lower Upper
107 100
144 25.6 19.0 28.4
142 80.6 60.2 90.2





#37
2-Methylnaphthalene
Concen: 44.004 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

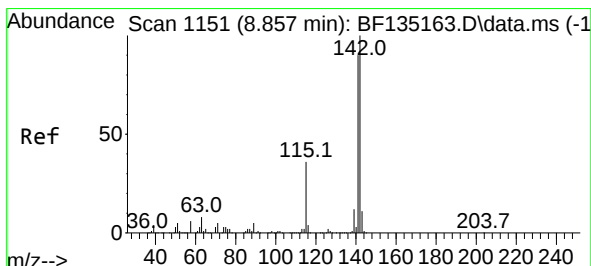
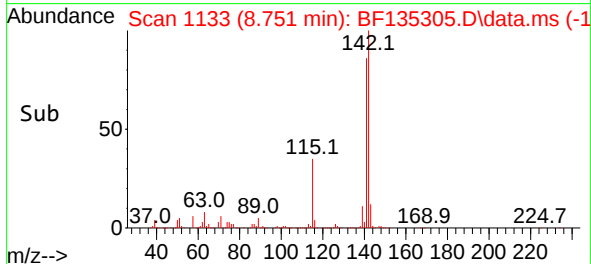
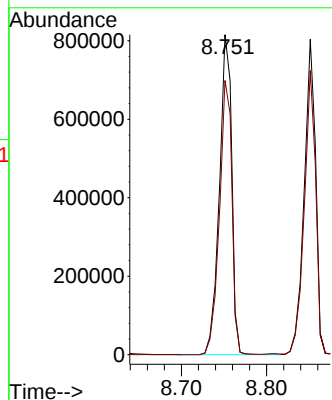
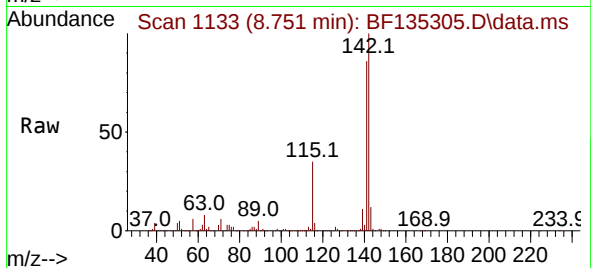
PB155361BSD

Tgt Ion:142 Resp: 817272
Ion Ratio Lower Upper
142 100
141 85.7 71.0 106.6

Manual Integrations

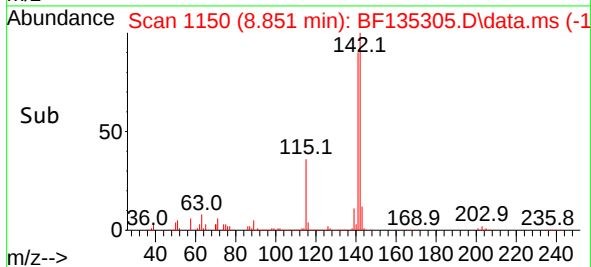
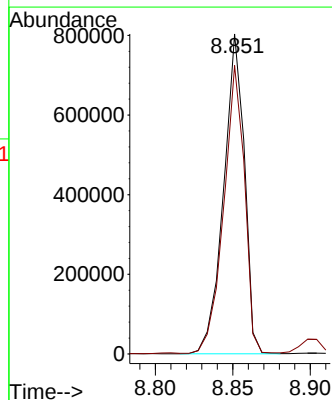
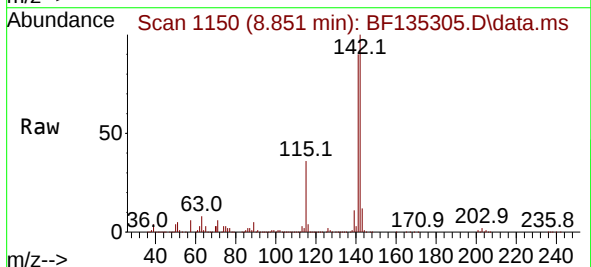
APPROVED

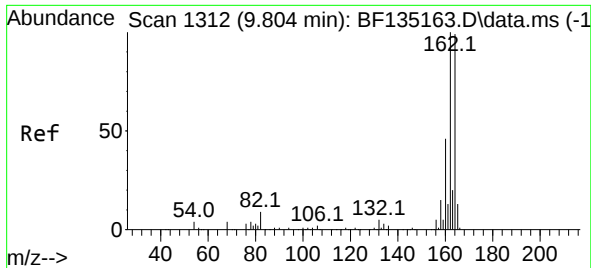
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#38
1-Methylnaphthalene
Concen: 43.040 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

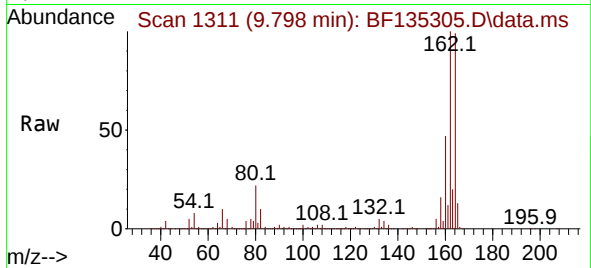
Tgt Ion:142 Resp: 748406
Ion Ratio Lower Upper
142 100
141 90.1 72.4 108.6





#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.798 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

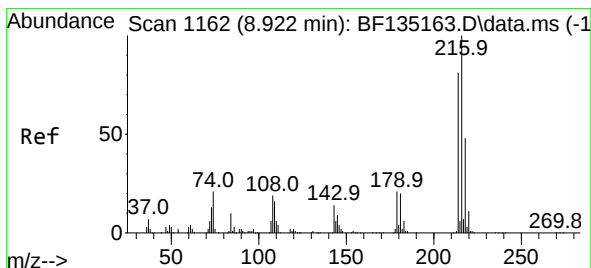
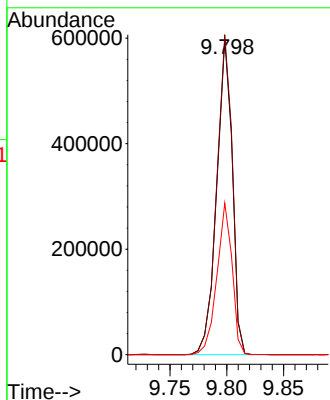
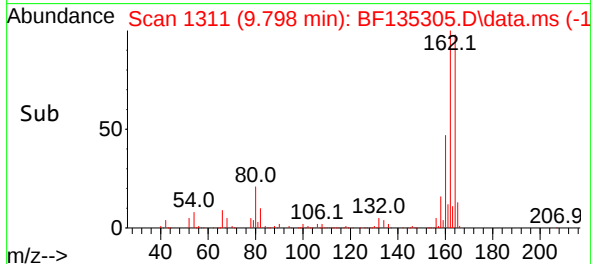
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



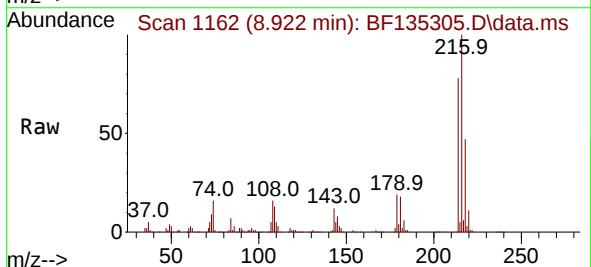
Tgt Ion:164 Resp: 571610
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 48.0 37.0 55.4

Manual Integrations
APPROVED

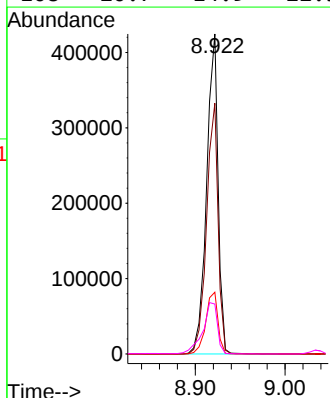
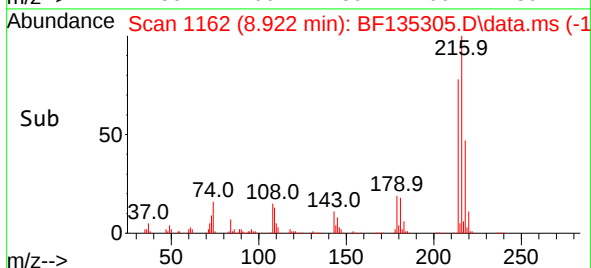
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

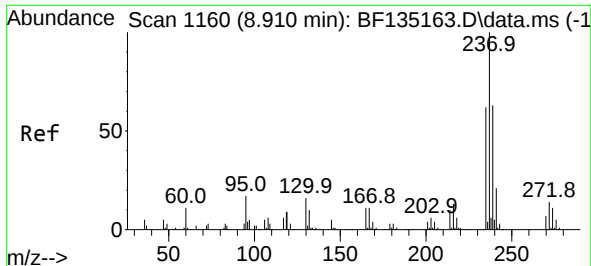


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.464 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



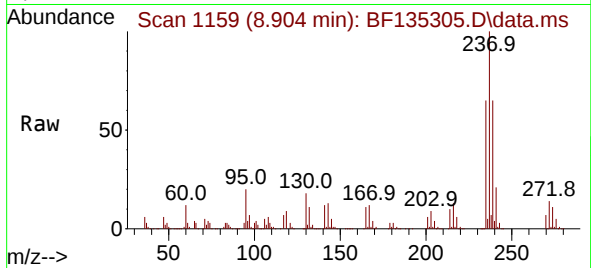
Tgt Ion:216 Resp: 376443
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.4 16.7 25.1
108 20.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 88.205 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

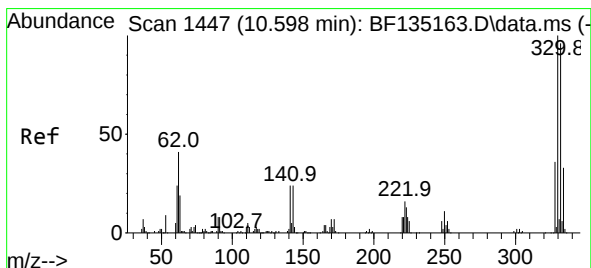
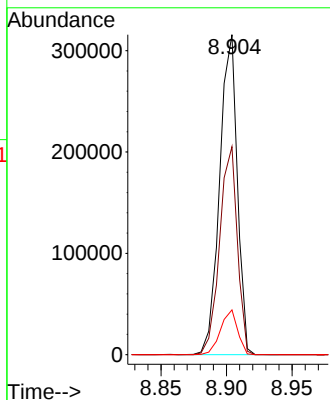
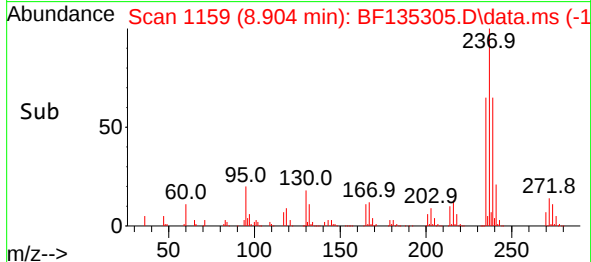
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



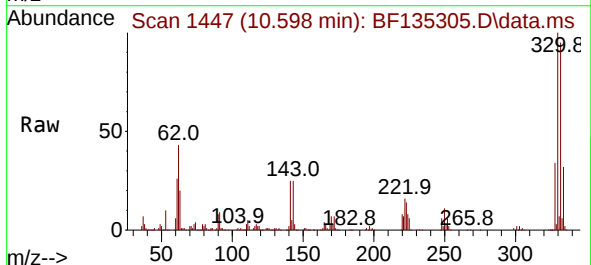
Tgt Ion: 237 Resp: 29517
Ion Ratio Lower Upper
237 100
235 65.0 41.8 81.8
272 14.0 0.0 33.6

Manual Integrations
APPROVED

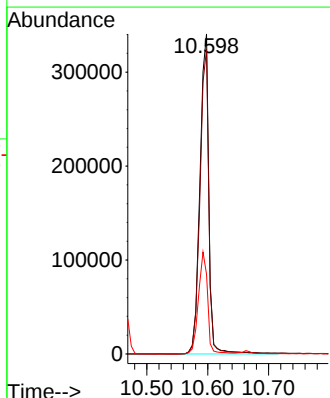
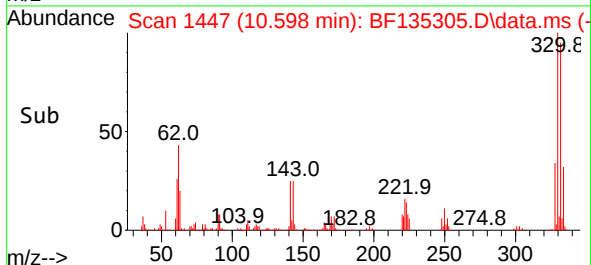
Reviewed By : Yogesh Patel 09/19/2023
Supervised By : mohammad ahmed 09/19/2023

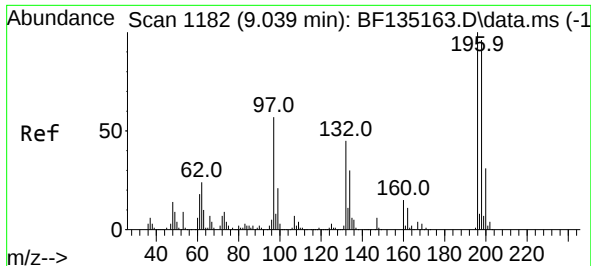


#42
2,4,6-Tribromophenol
Concen: 122.008 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion: 330 Resp: 346533
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 32.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.322 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:196 Resp: 256549

Ion Ratio Lower Upper

196 100

198 93.6 77.0 115.6

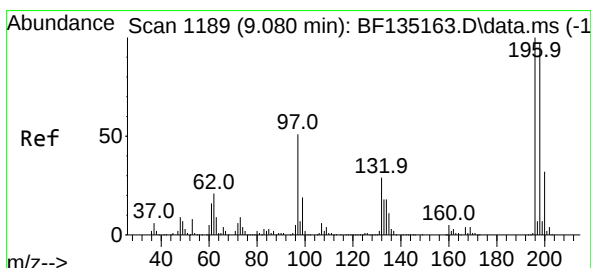
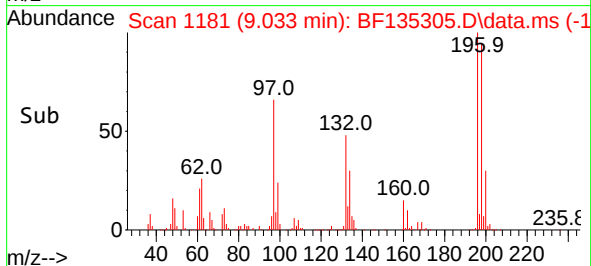
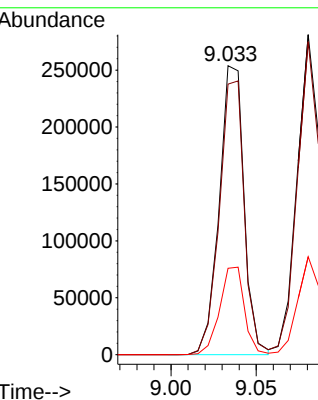
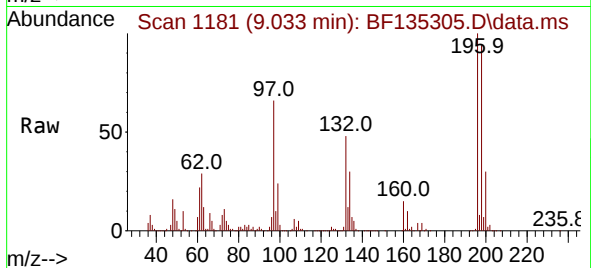
200 29.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#44

2,4,5-Trichlorophenol

Concen: 45.533 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:196 Resp: 284272

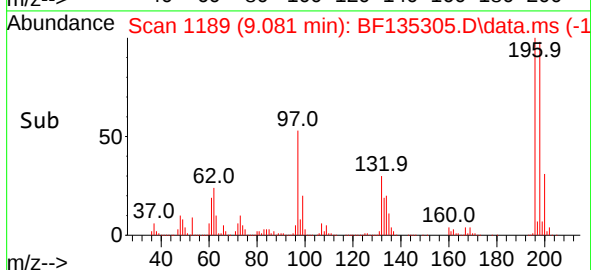
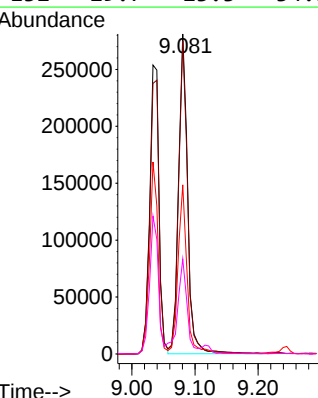
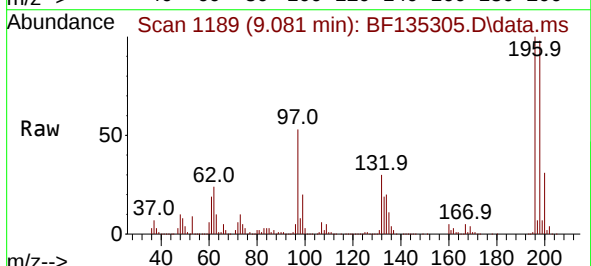
Ion Ratio Lower Upper

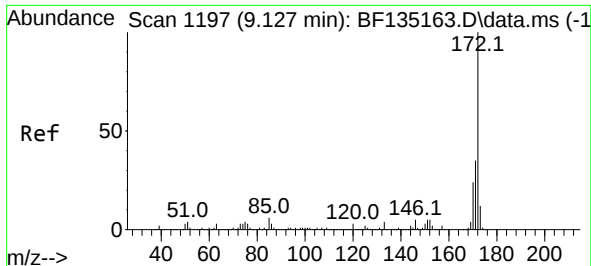
196 100

198 97.8 77.5 116.3

97 52.9 40.5 60.7

132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.997 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:172 Resp: 153438

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

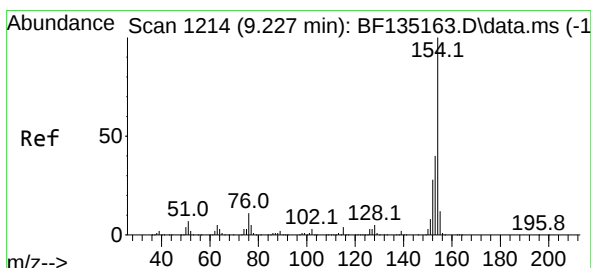
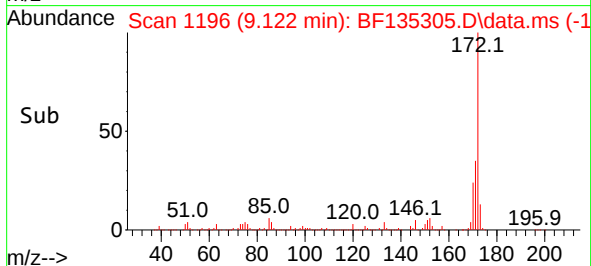
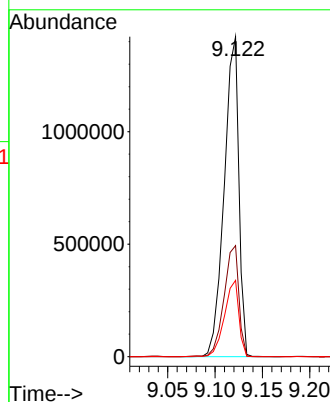
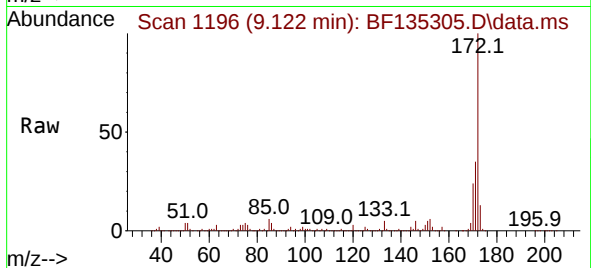
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#46

1,1'-Biphenyl

Concen: 44.743 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

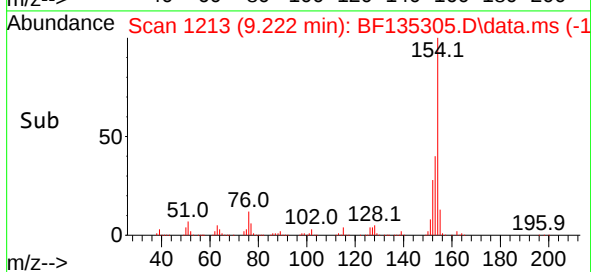
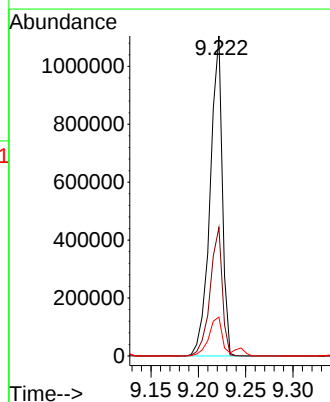
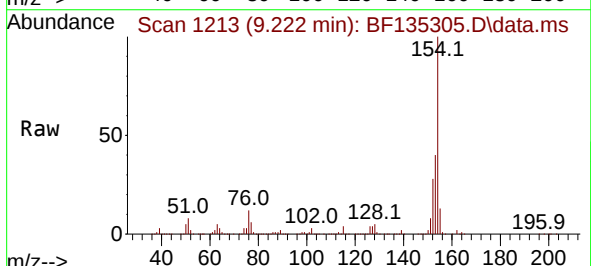
Tgt Ion:154 Resp: 982739

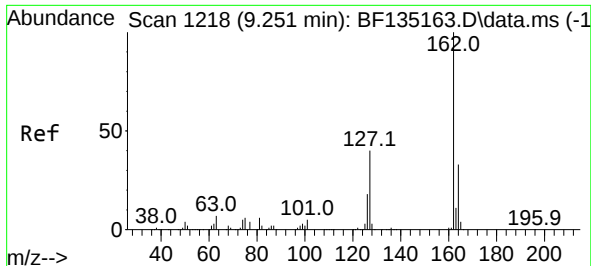
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.1 0.0 31.0





#47
2-Chloronaphthalene
Concen: 47.367 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

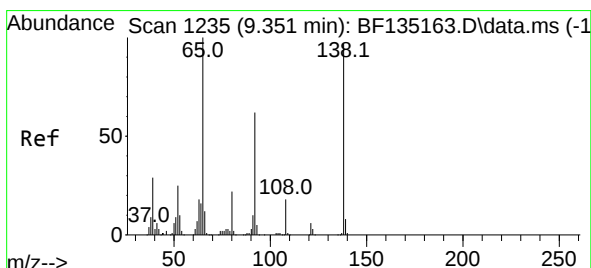
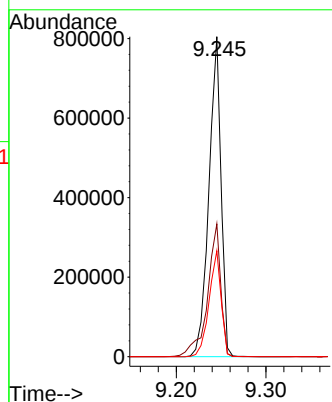
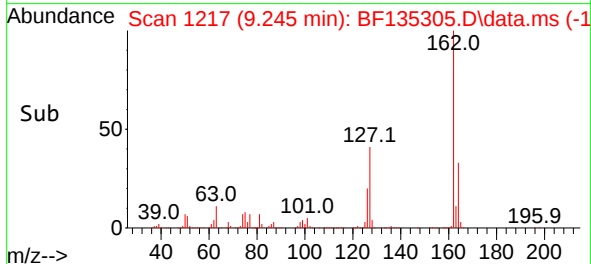
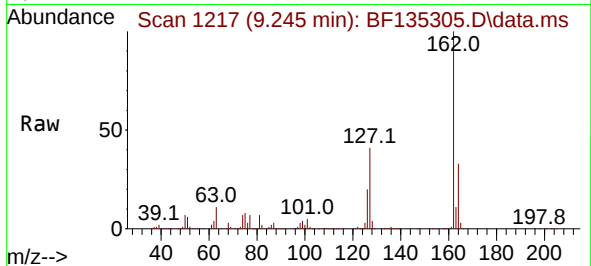
ClientSampleId :

PB155361BSD

Tgt Ion:162 Resp: 754840
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2

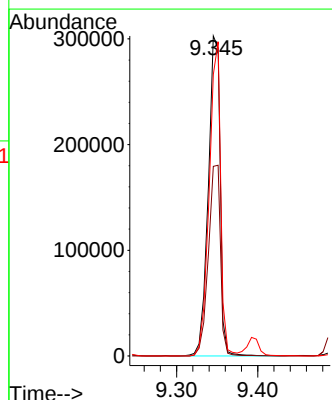
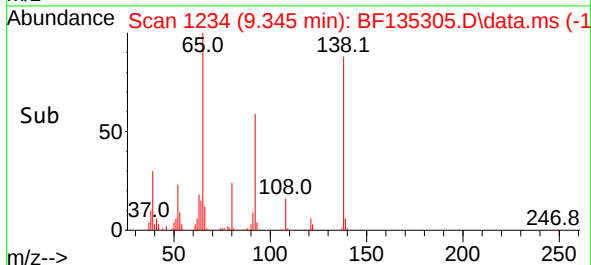
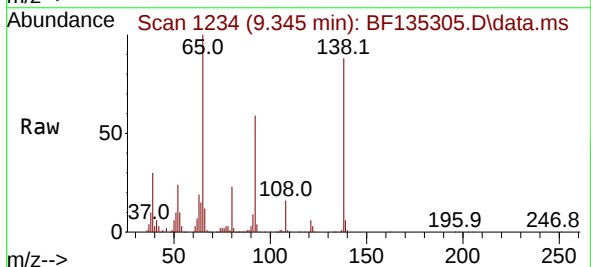
Manual Integrations
APPROVED

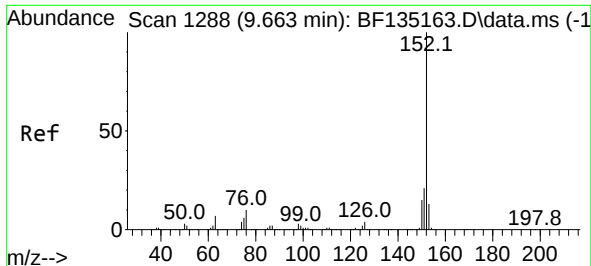
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#48
2-Nitroaniline
Concen: 49.790 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion: 65 Resp: 308258
Ion Ratio Lower Upper
65 100
92 59.3 49.4 74.0
138 88.0 77.4 116.0





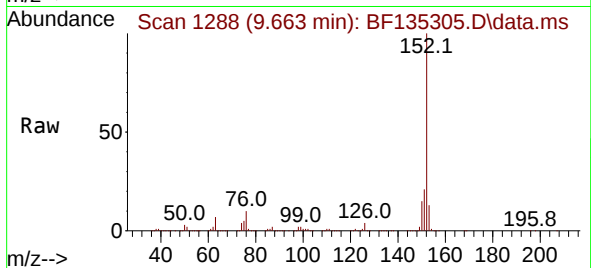
#49
Acenaphthylene
Concen: 44.498 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD



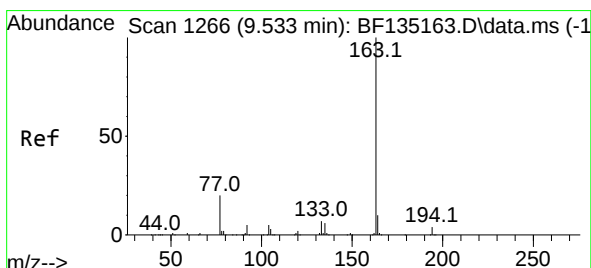
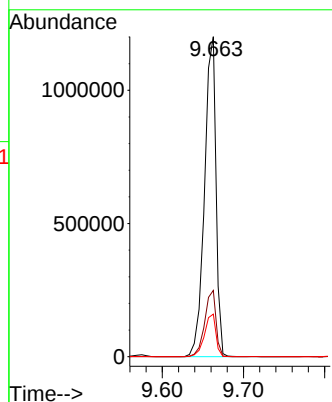
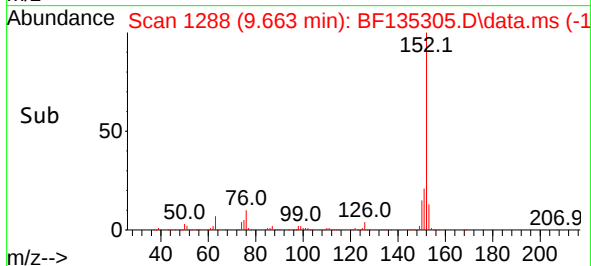
Tgt Ion:152 Resp: 117851
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations

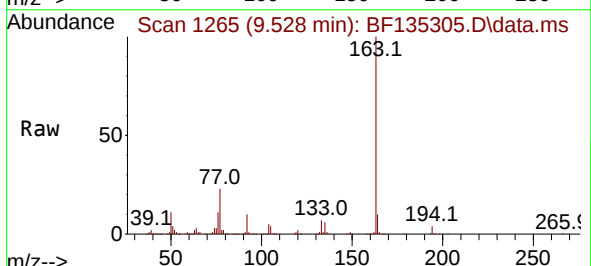
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

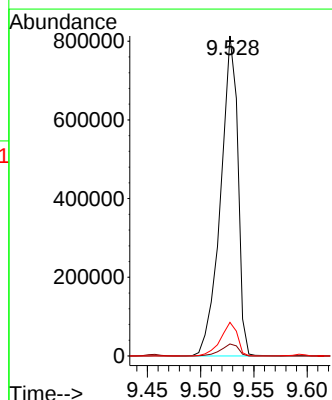
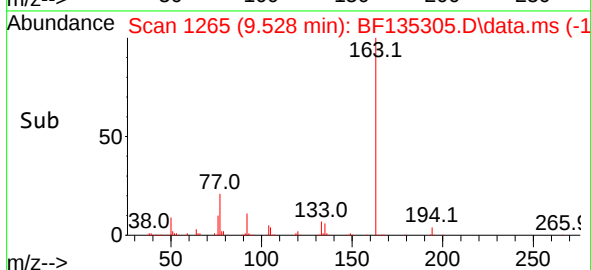
Supervised By :mohammad ahmed 09/19/2023

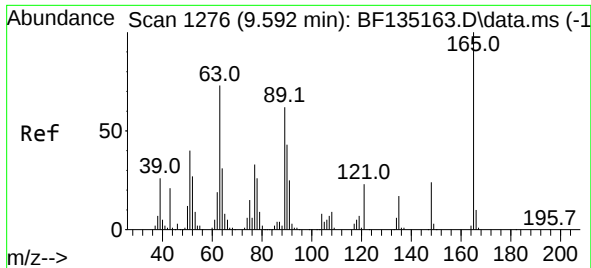


#50
Dimethylphthalate
Concen: 47.288 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:163 Resp: 913774
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.1 12.1





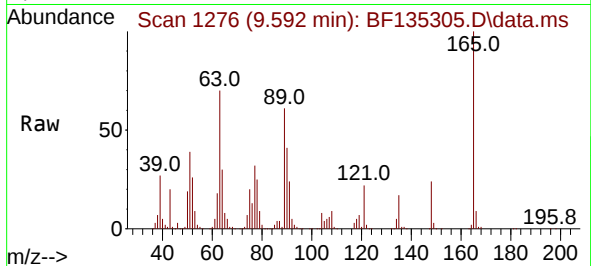
#51
2,6-Dinitrotoluene
Concen: 48.467 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

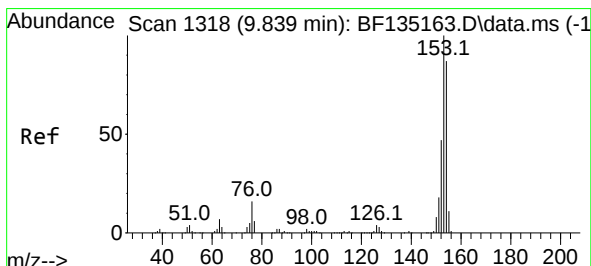
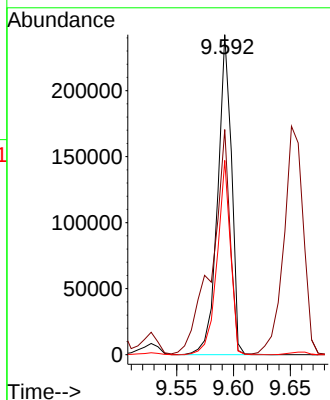
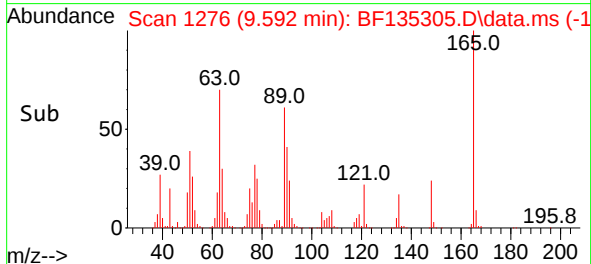


Tgt Ion:165 Resp: 205160
Ion Ratio Lower Upper
165 100
63 70.4 59.4 89.2
89 60.7 49.8 74.8

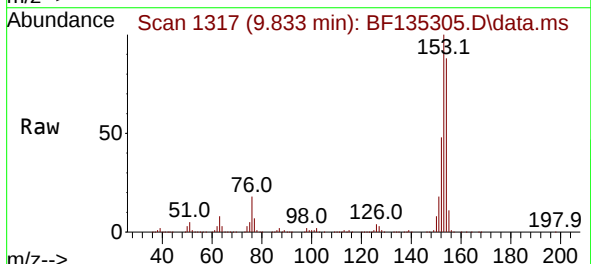
Manual Integrations

APPROVED

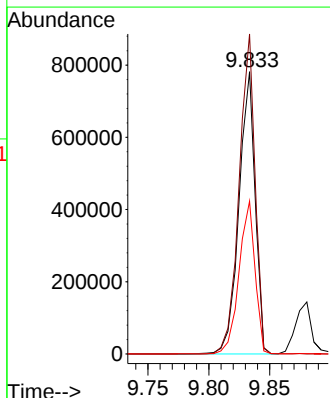
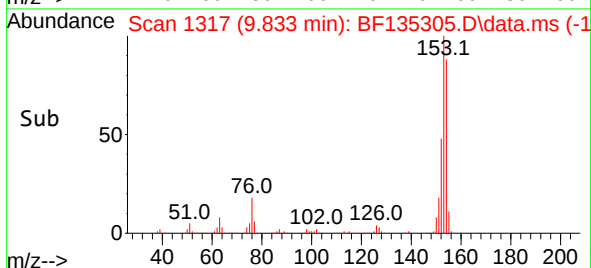
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

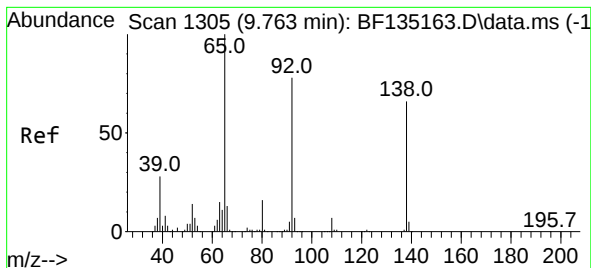


#52
Acenaphthene
Concen: 46.241 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



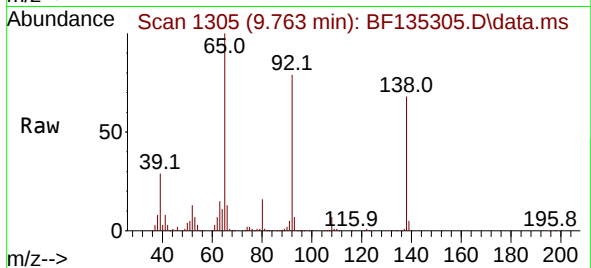
Tgt Ion:154 Resp: 723466
Ion Ratio Lower Upper
154 100
153 113.4 92.1 138.1
152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 42.226 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

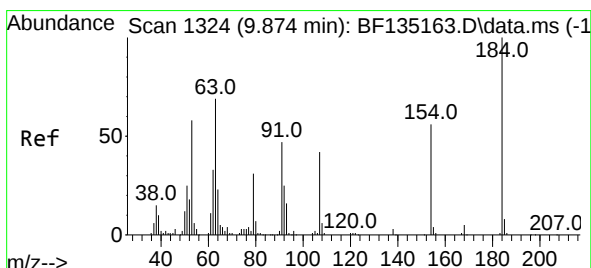
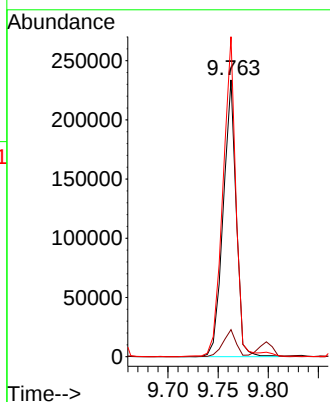
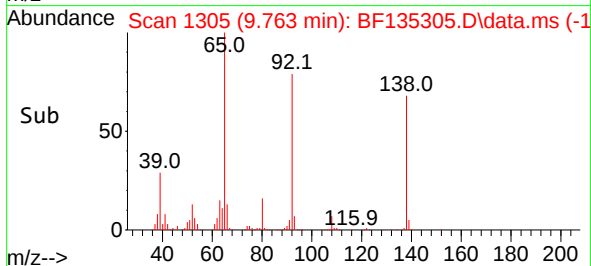
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



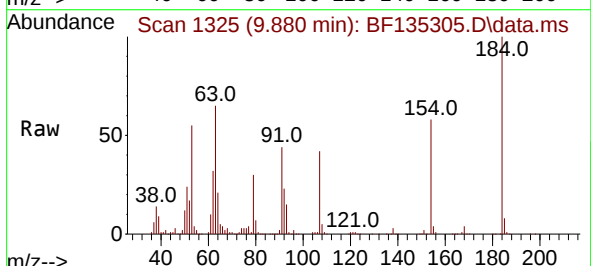
Tgt Ion:138 Resp: 209820
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 115.6 95.4 143.0

Manual Integrations
APPROVED

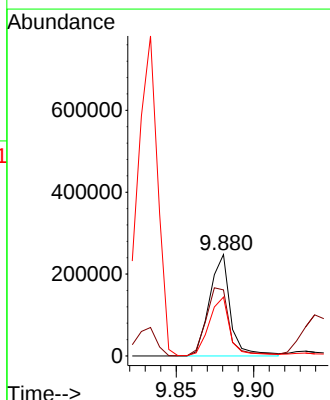
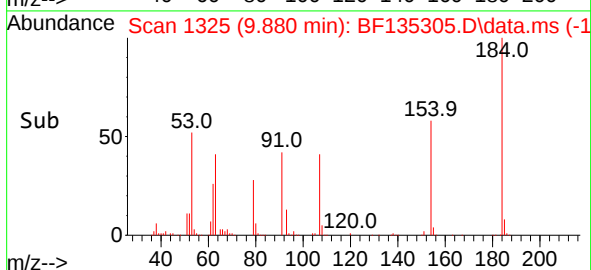
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

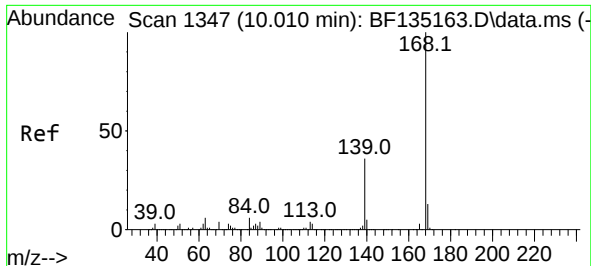


#54
2,4-Dinitrophenol
Concen: 101.650 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



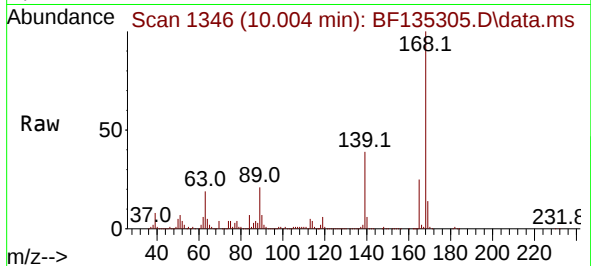
Tgt Ion:184 Resp: 232399
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 58.1 48.4 72.6





#55
Dibenzenofuran
Concen: 43.319 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

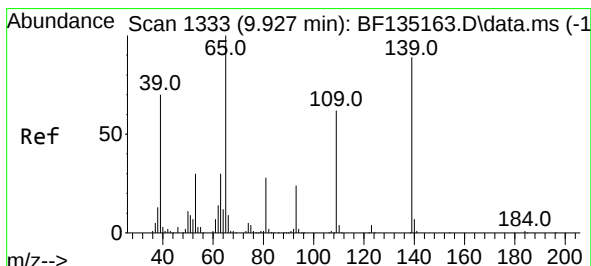
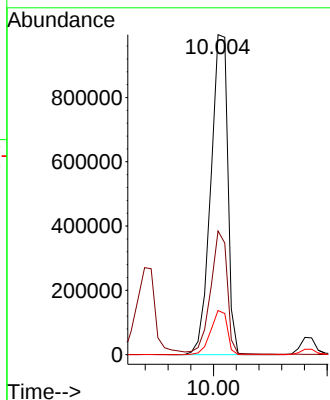
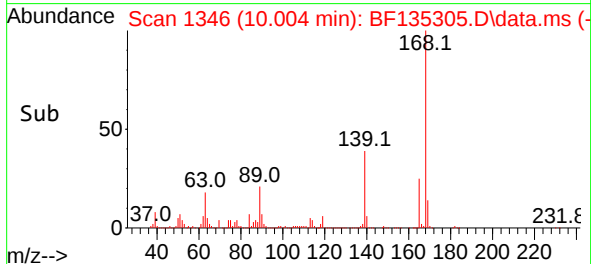
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion:168 Resp: 103425
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.6
169 13.8 10.4 15.6

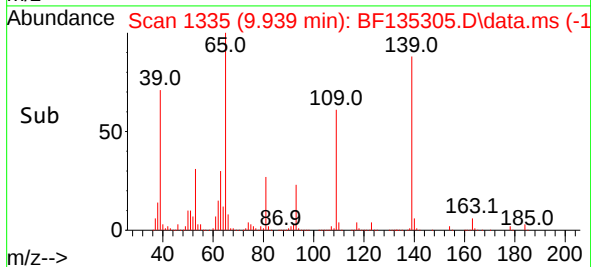
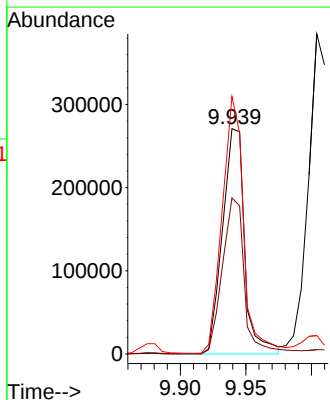
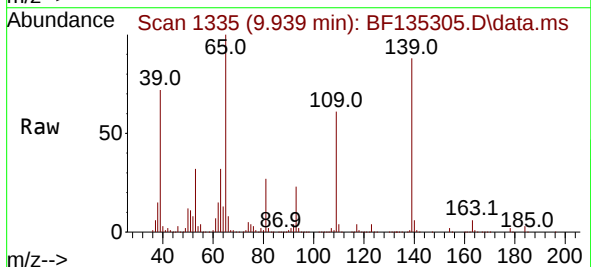
Manual Integrations
APPROVED

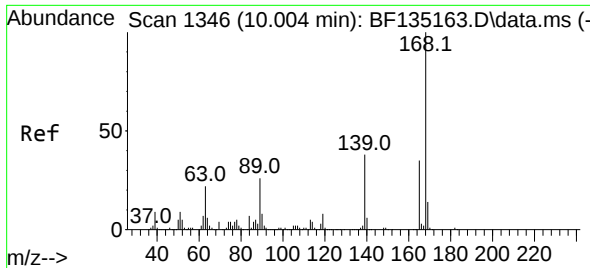
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 100.507 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

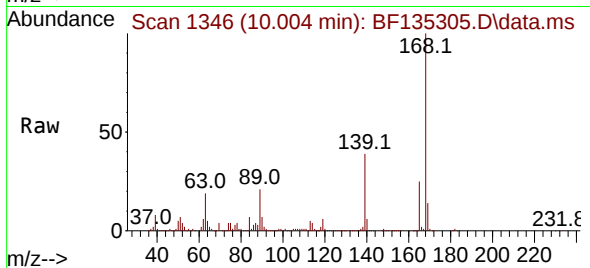
Tgt Ion:139 Resp: 317406
Ion Ratio Lower Upper
139 100
109 69.2 49.8 89.8
65 114.3 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.609 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

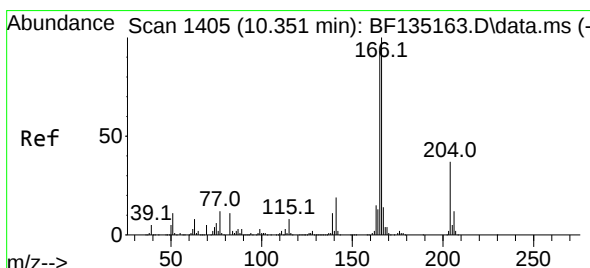
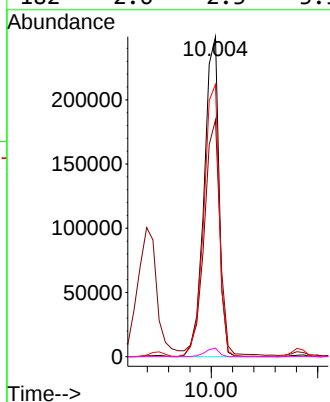
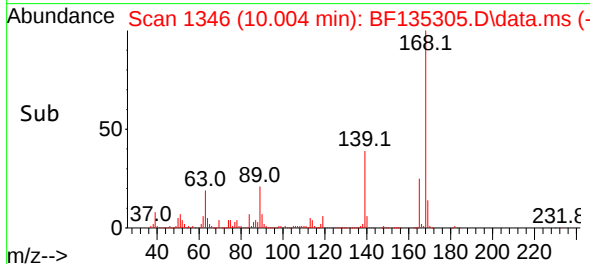
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion:165 Resp: 24170
Ion Ratio Lower Upper
165 100
63 74.0 50.1 75.1
89 85.1 59.3 88.9
182 2.6 2.3 3.5

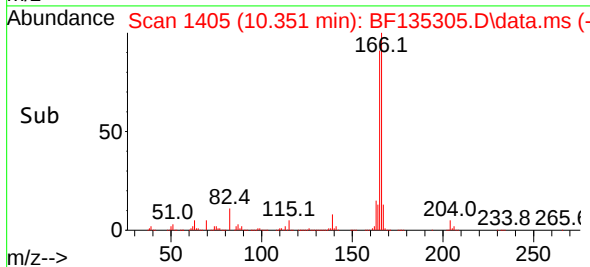
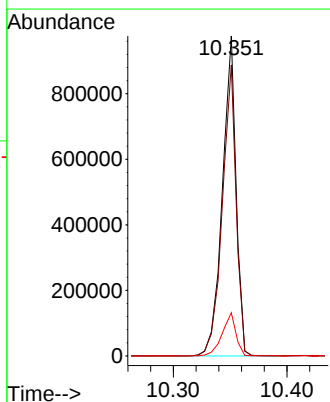
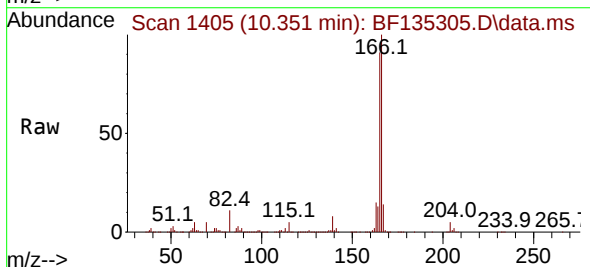
Manual Integrations
APPROVED

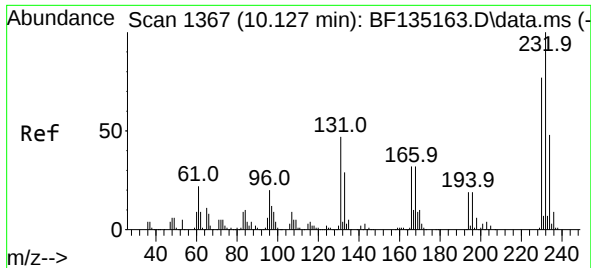
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 44.616 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

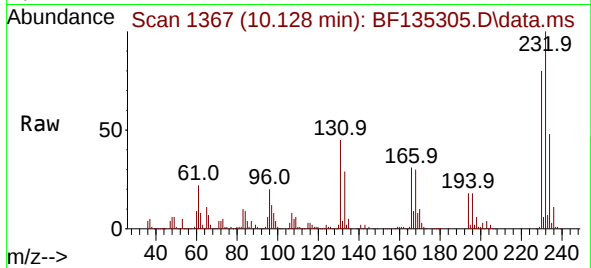
Tgt Ion:166 Resp: 818897
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.584 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

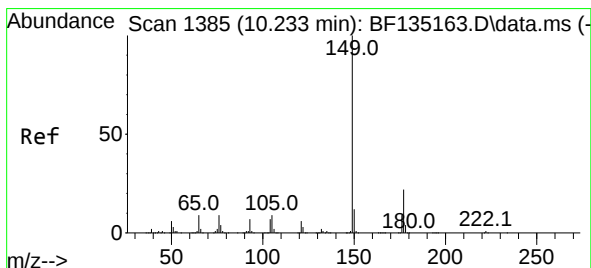
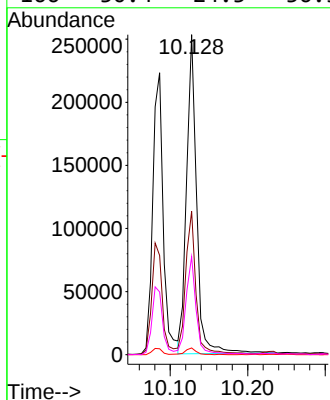
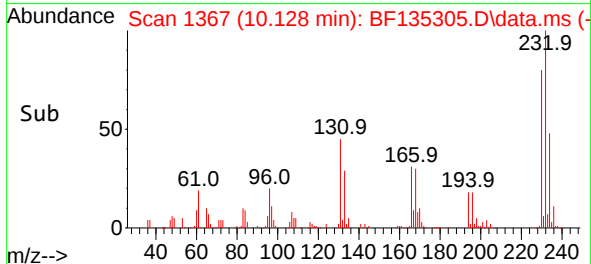
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



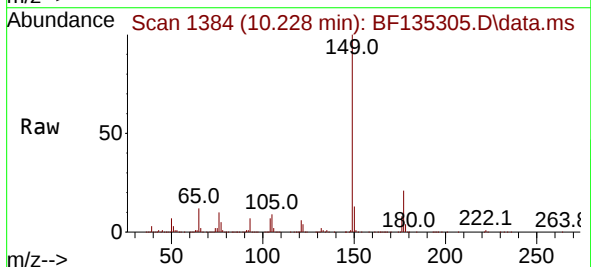
Tgt Ion:232 Resp: 22852
Ion Ratio Lower Upper
232 100
131 45.3 35.4 53.2
130 2.2 1.8 2.8
166 30.4 24.3 36.5

Manual Integrations
APPROVED

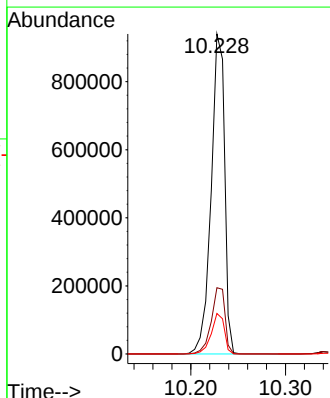
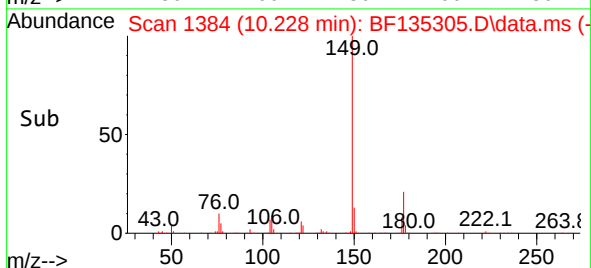
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

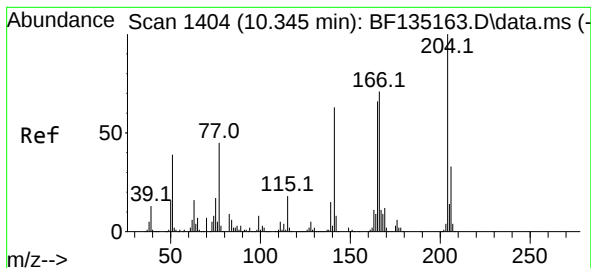


#60
Diethylphthalate
Concen: 47.788 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



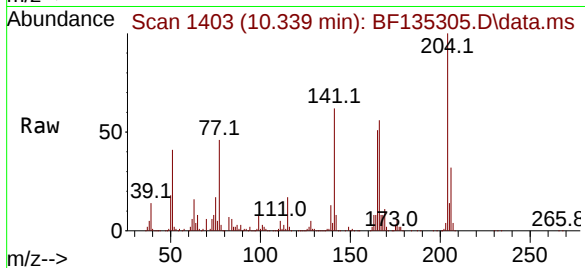
Tgt Ion:149 Resp: 926757
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.632 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

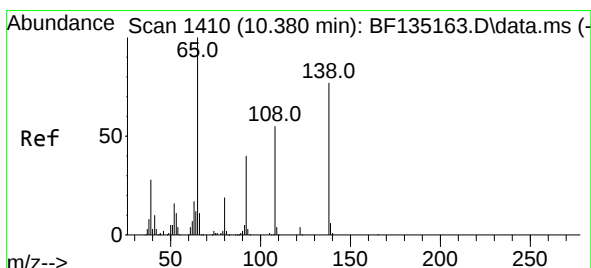
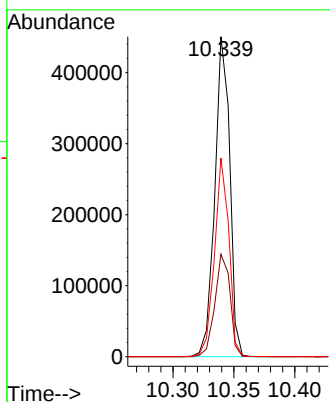
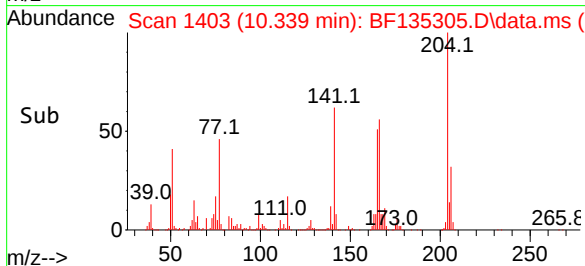
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



Tgt Ion:204 Resp: 384690
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 62.1 50.6 75.8

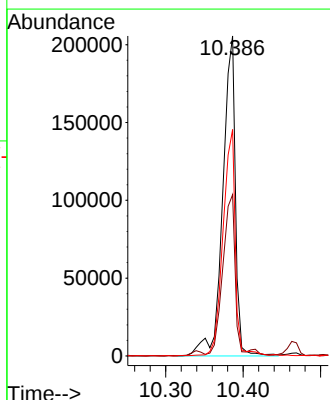
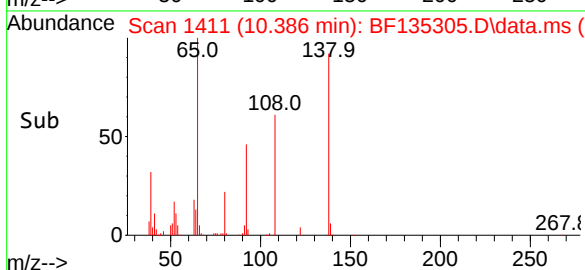
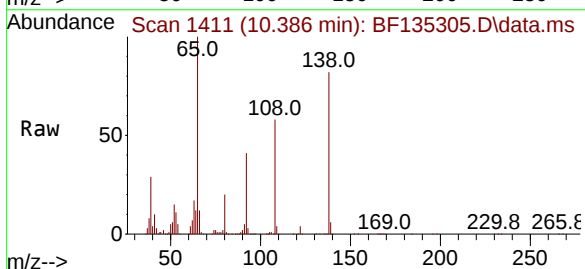
Manual Integrations
APPROVED

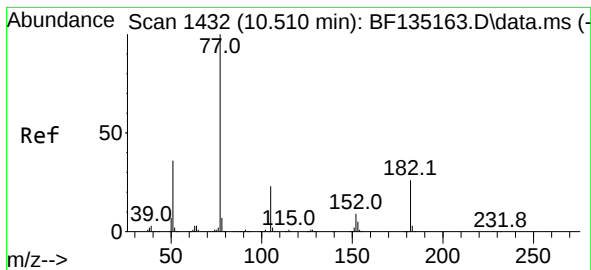
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 49.209 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:138 Resp: 235044
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 70.8 52.0 92.0





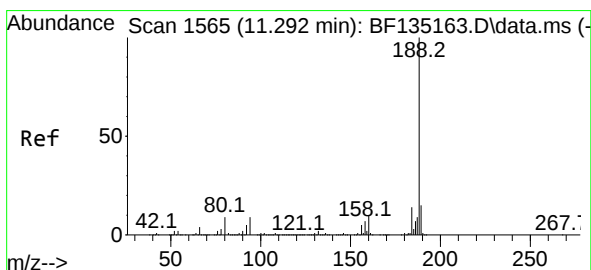
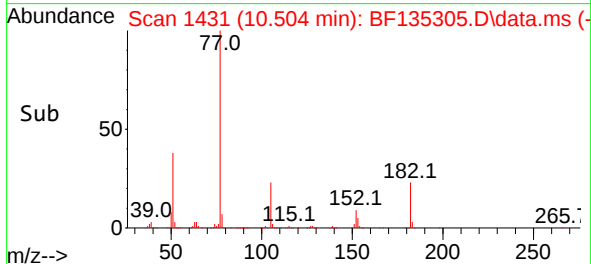
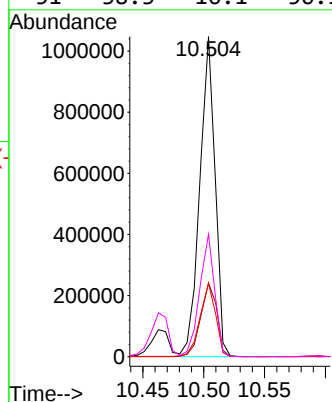
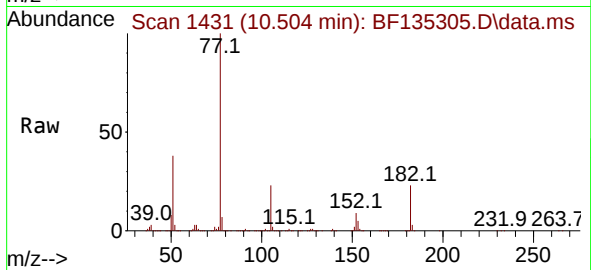
#63
Azobenzene
Concen: 48.149 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB155361BSD

Tgt Ion: 77 Resp: 91385
Ion Ratio Lower Upper
77 100
182 23.0 6.4 46.4
105 22.9 3.1 43.1
51 38.3 16.1 56.1

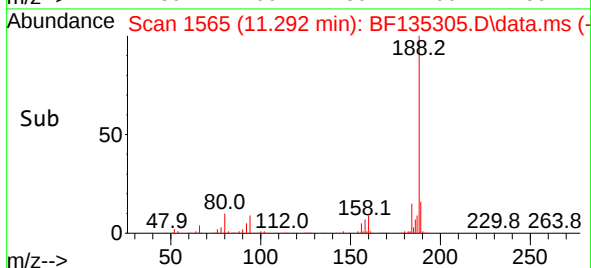
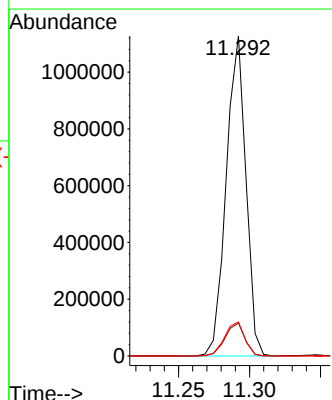
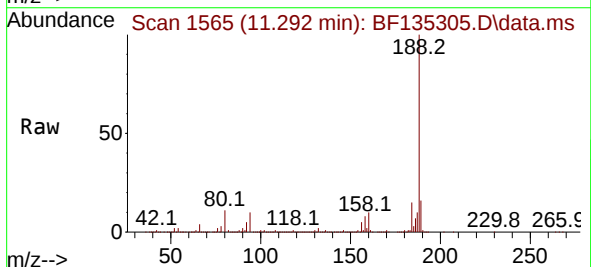
Manual Integrations
APPROVED

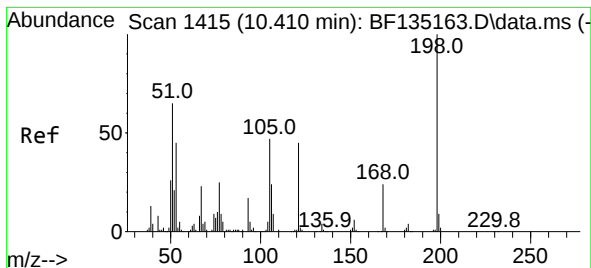
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

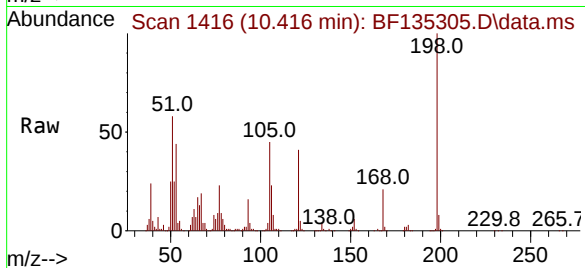
Tgt Ion:188 Resp: 1084265
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.6 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.619 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

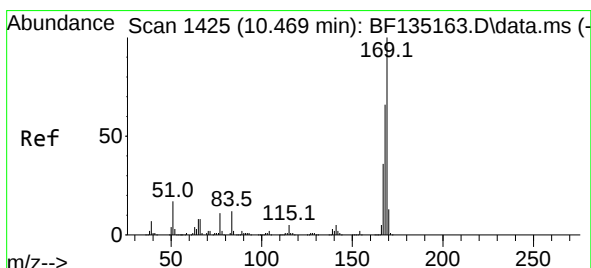
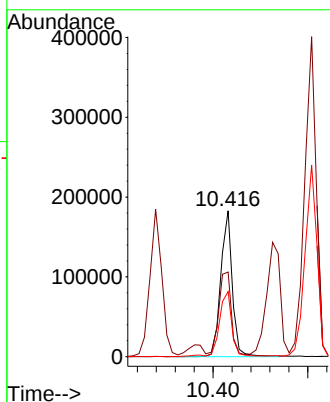
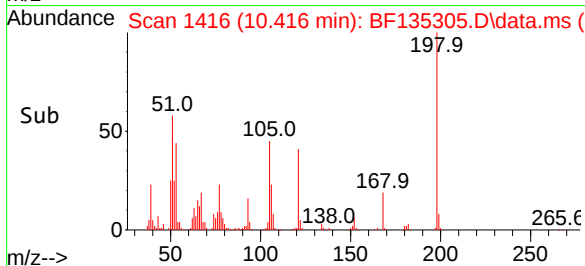
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



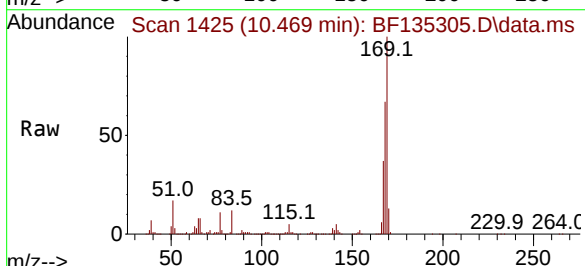
Tgt Ion:198 Resp: 15439
Ion Ratio Lower Upper
198 100
51 58.0 47.7 87.7
105 44.7 27.4 67.4

Manual Integrations
APPROVED

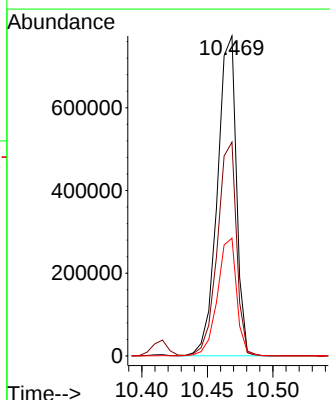
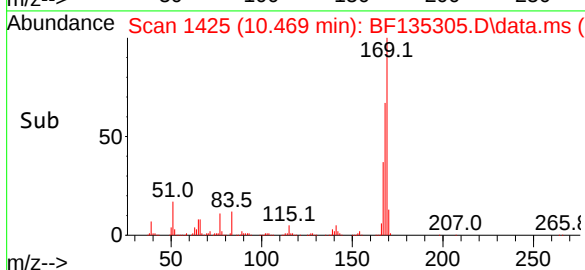
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

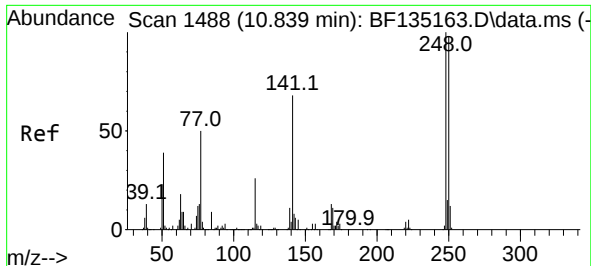


#66
n-Nitrosodiphenylamine
Concen: 47.344 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



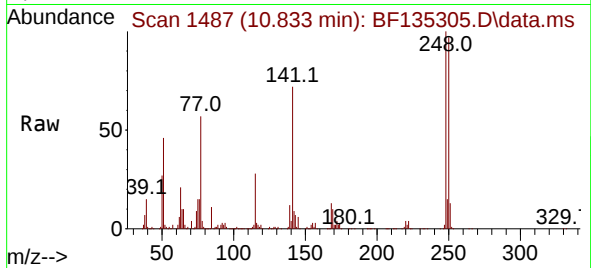
Tgt Ion:169 Resp: 777043
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.700 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

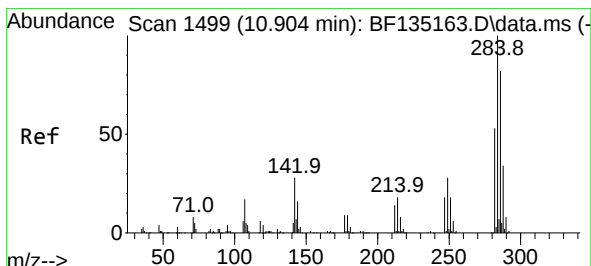
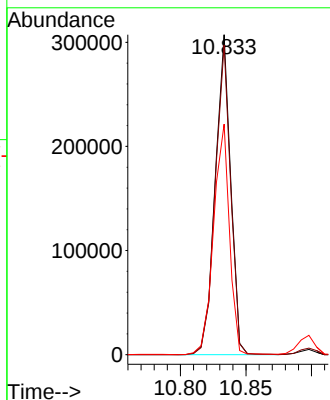
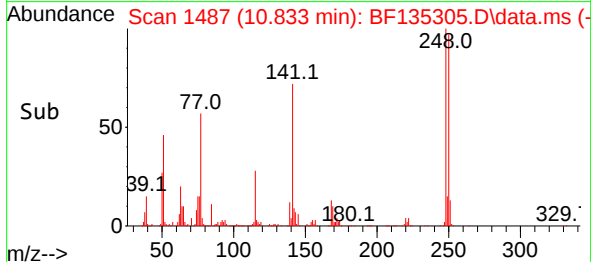
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



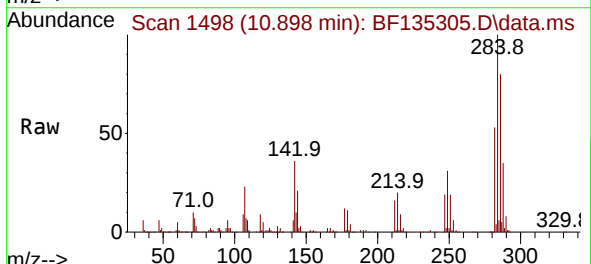
Tgt Ion:248 Resp: 251802
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 72.1 54.2 81.2

Manual Integrations
APPROVED

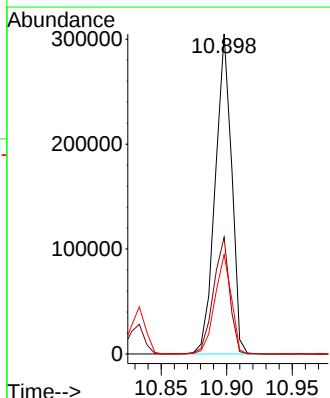
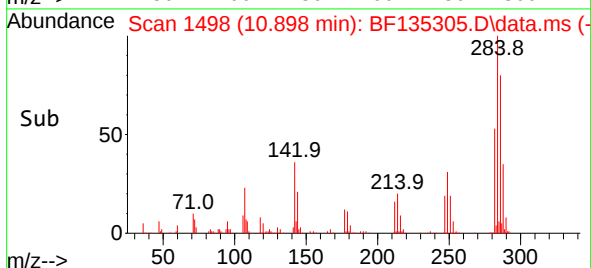
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

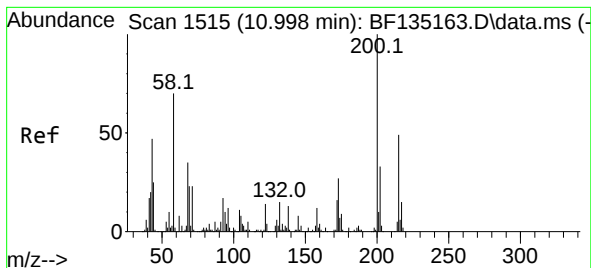


#68
Hexachlorobenzene
Concen: 47.994 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:284 Resp: 263638
Ion Ratio Lower Upper
284 100
142 36.4 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 56.959 ng

RT: 11.004 min Scan# 11004

Delta R.T. 0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

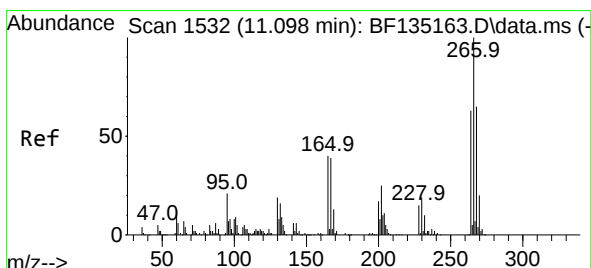
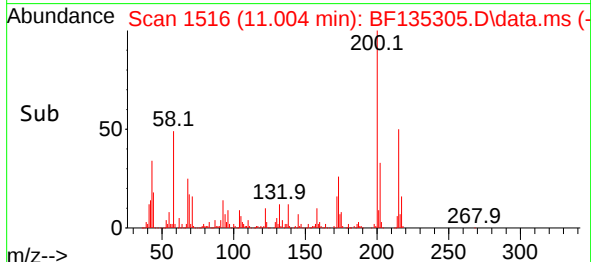
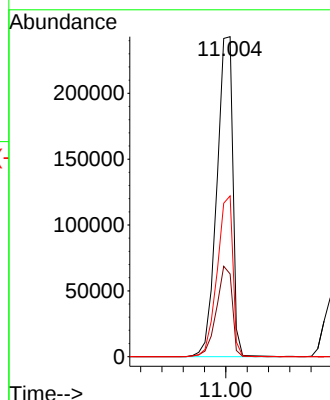
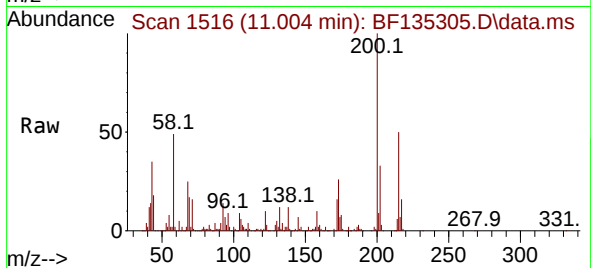
Tgt Ion:200 Resp: 251544
 Ion Ratio Lower Upper
 200 100
 173 25.9 7.4 47.4
 215 50.2 28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 78.899 ng

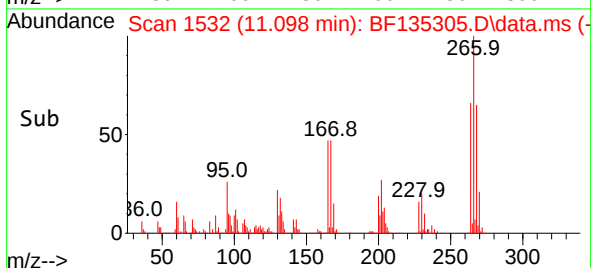
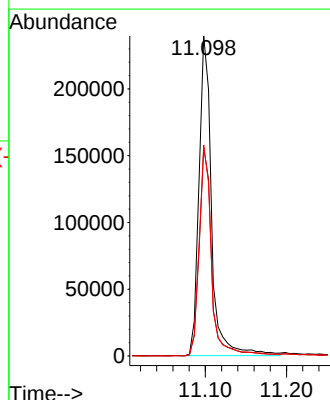
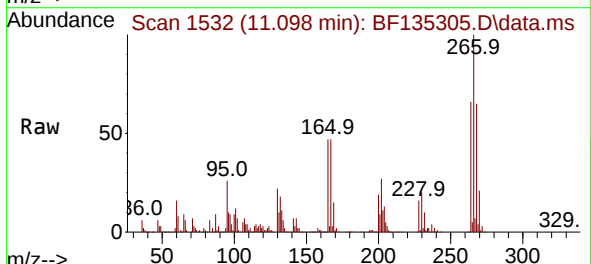
RT: 11.098 min Scan# 1532

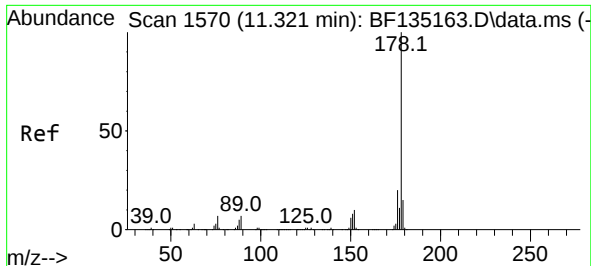
Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:266 Resp: 259304
 Ion Ratio Lower Upper
 266 100
 268 65.2 52.1 78.1
 264 65.9 50.8 76.2





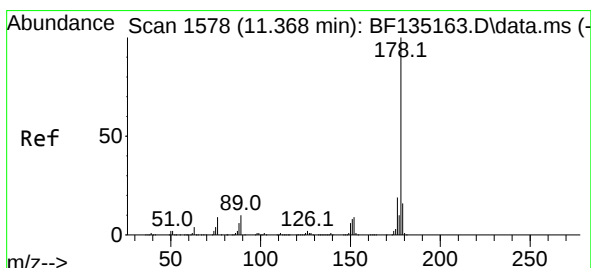
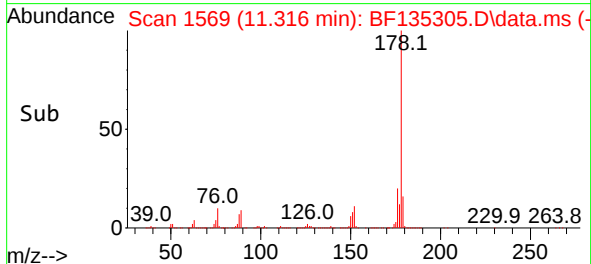
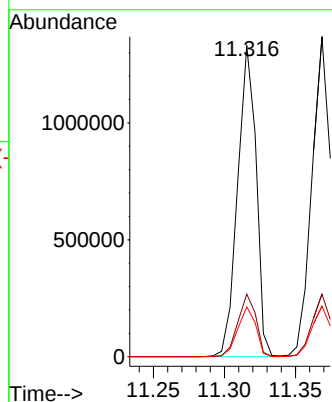
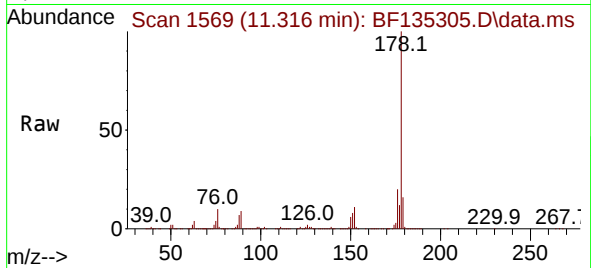
#71
Phenanthrene
Concen: 47.256 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :
BNA_F
ClientSampleId :
PB155361BSD

Tgt Ion:178 Resp: 121166
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 16.0 12.0 18.0

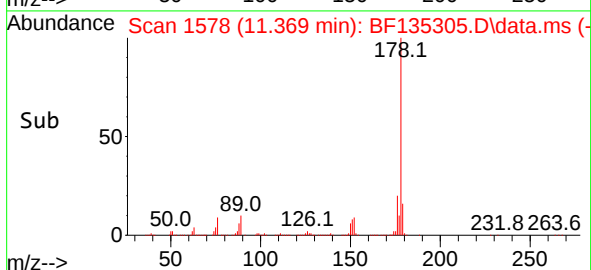
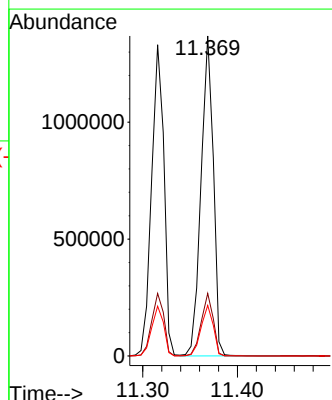
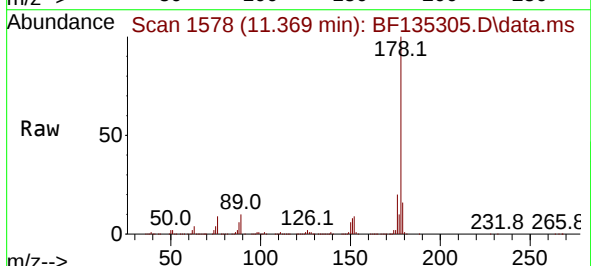
Manual Integrations
APPROVED

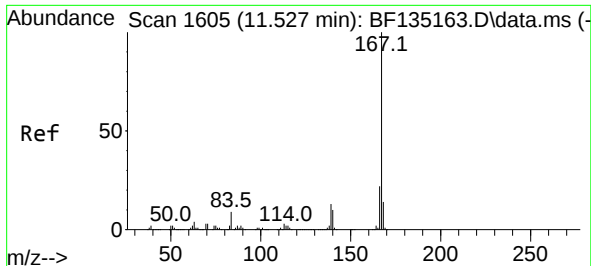
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 47.061 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

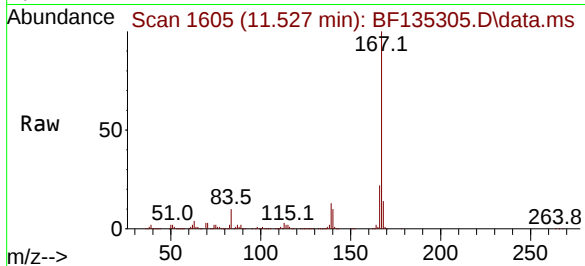
Tgt Ion:178 Resp: 1240322
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 48.834 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB155361BSD

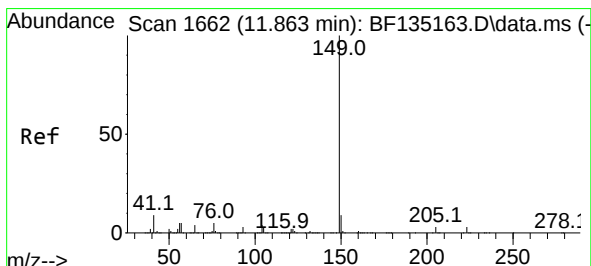
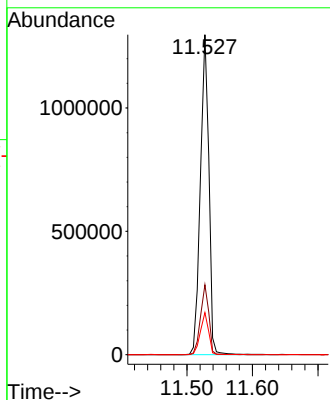
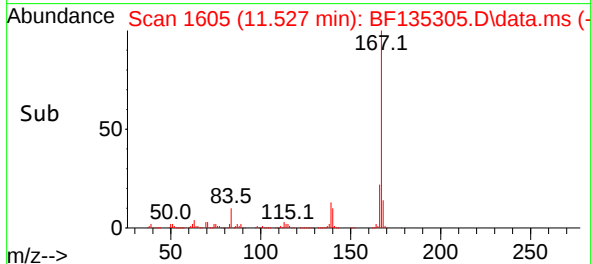


Tgt Ion:167 Resp: 1171623

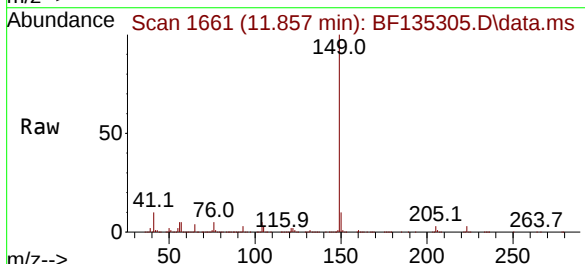
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.2	10.6	15.8

Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

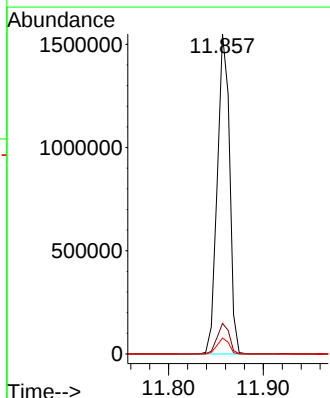
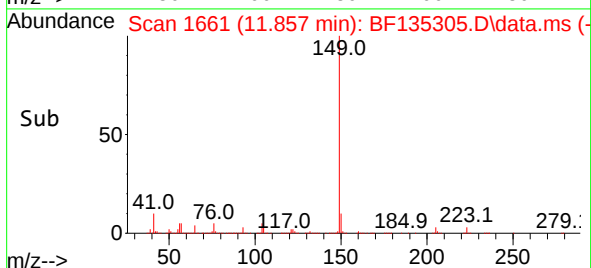


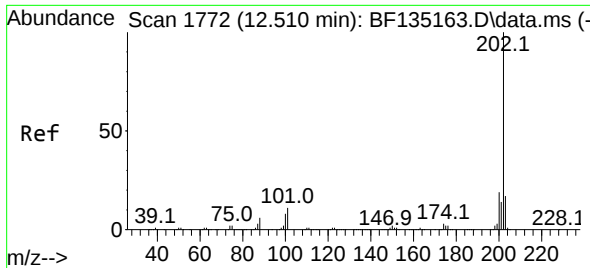
#74
 Di-n-butylphthalate
 Concen: 49.325 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23



Tgt Ion:149 Resp: 1394476

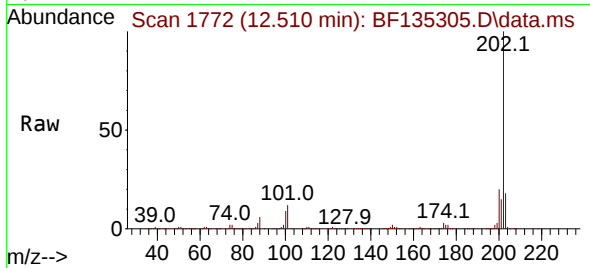
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.0	3.6	5.4





#75
Fluoranthene
Concen: 47.683 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

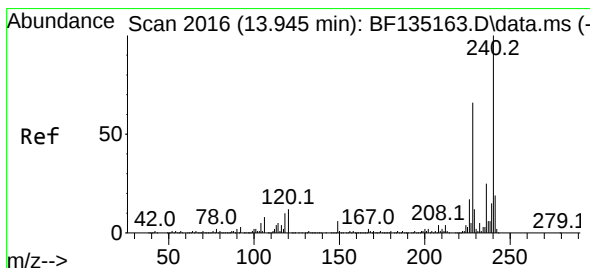
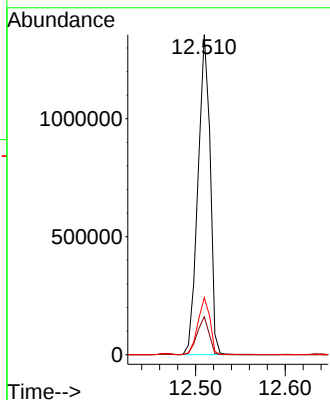
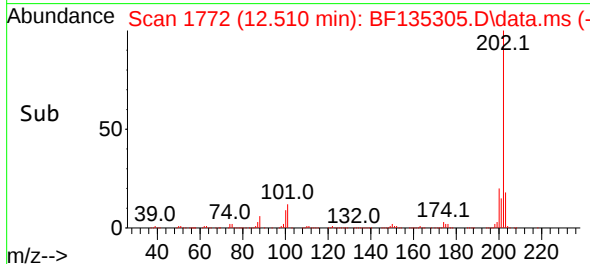
Instrument :
BNA_F
ClientSampleId :
PB155361BSD



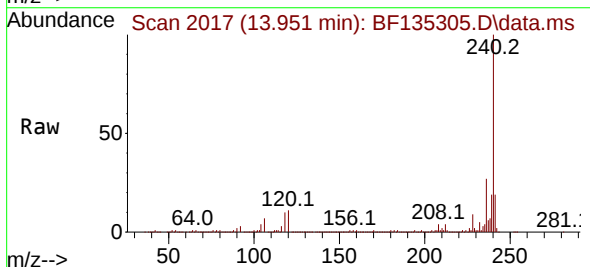
Tgt Ion:202 Resp: 127394
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.3
203 17.8 0.0 37.4

Manual Integrations
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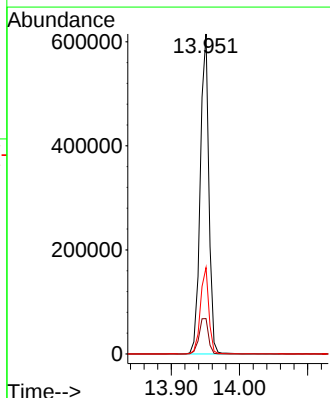
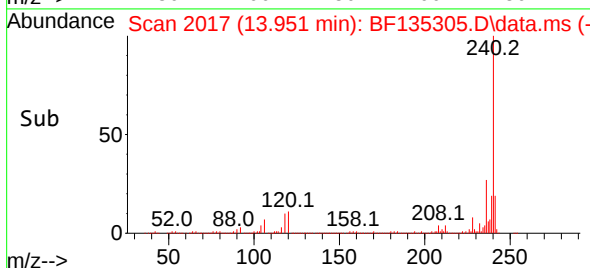
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

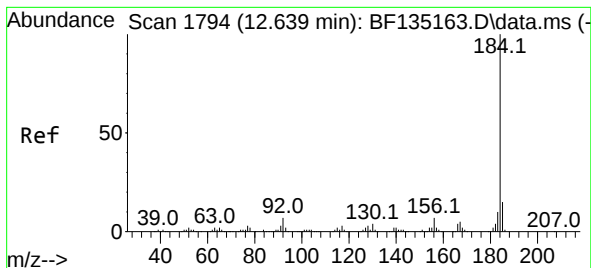


#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23



Tgt Ion:240 Resp: 537526
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 27.0 19.8 29.8





#77

Benzidine

Concen: 93.210 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135305.D

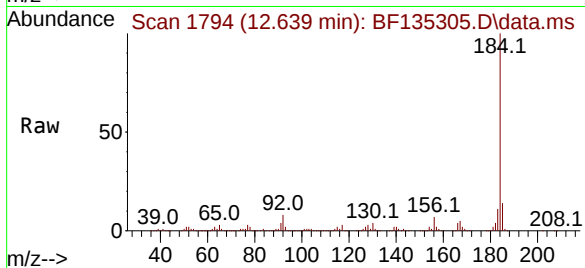
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD



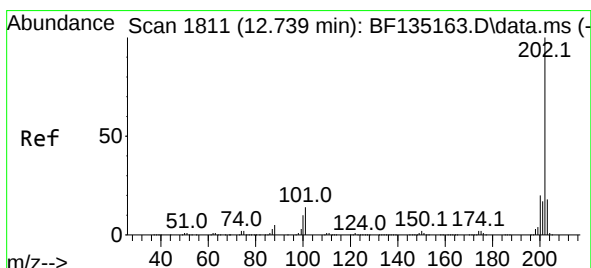
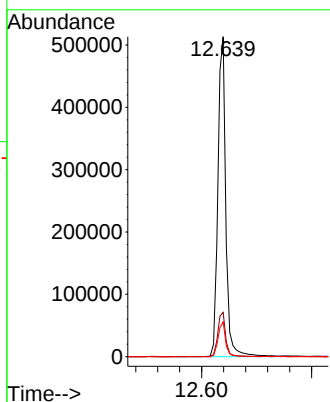
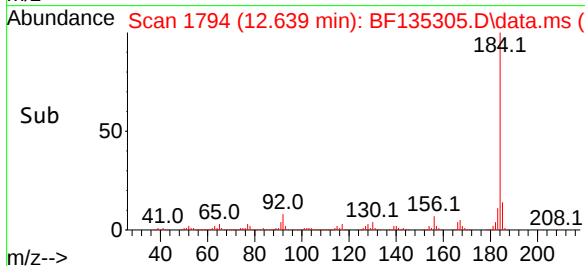
Tgt Ion:	184	Resp:	513224
Ion Ratio	100	Lower	Upper
184	100		
185	13.8	11.7	17.5
183	10.9	8.2	12.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#78

Pyrene

Concen: 50.203 ng

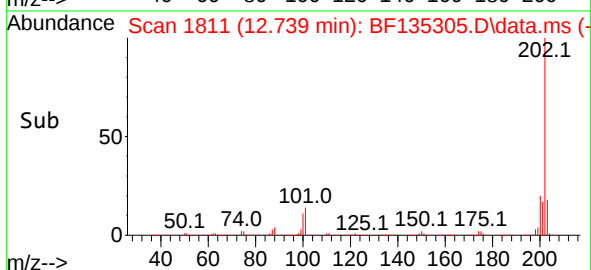
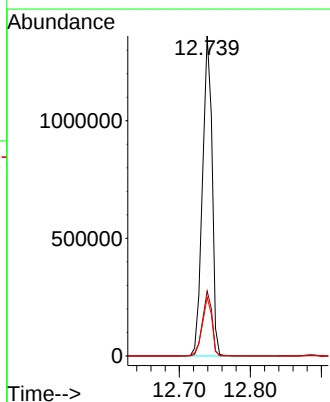
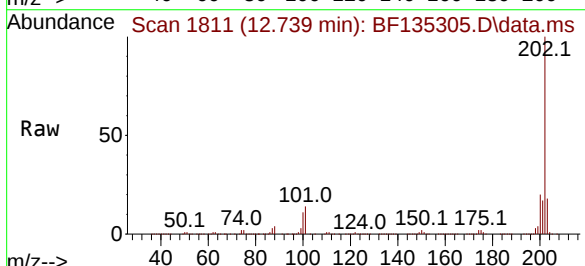
RT: 12.739 min Scan# 1811

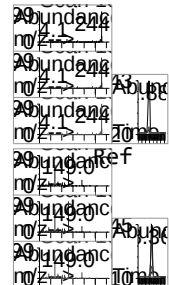
Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Tgt Ion:	202	Resp:	1284599
Ion Ratio	100	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.3	14.2	21.4





#79
 Terphenyl-d14
 Concen: 90.188 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:244 Resp: 1563629
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.5 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

Ref

Raw

Sub

#80
 Butylbenzylphthalate
 Concen: 54.487 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135305.D
 Acq: 18 Sep 2023 14:23

Tgt Ion:149 Resp: 490883
 Ion Ratio Lower Upper
 149 100
 91 74.7 54.7 82.1
 206 19.8 16.3 24.5



#81
Benzo(a)anthracene
Concen: 45.178 ng
RT: 13.939 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:	228	Resp:	784040
Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.7	32.5
229	19.7	15.8	23.8

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

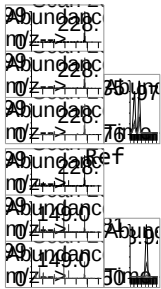
Ref

#82
3,3'-Dichlorobenzidine
Concen: 46.270 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:	252	Resp:	250821
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.4
126	10.8	7.8	11.8

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#83

Chrysene

Concen: 44.894 ng

RT: 13.974 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:228 Resp: 774620

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.2 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

#84

Bis(2-ethylhexyl)phthalate

Concen: 57.377 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135305.D

Acq: 18 Sep 2023 14:23

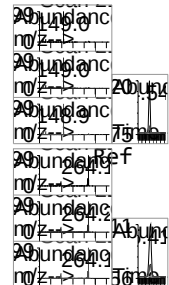
Tgt Ion:149 Resp: 530448

Ion Ratio Lower Upper

149 100

167 26.3 21.9 32.9

279 3.5 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 54.466 ng
RT: 14.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:149 Resp: 80022
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.0 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

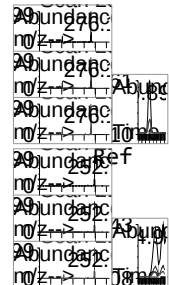
Ref

Raw

Sub

#86
Perylene-d12
Concen: 40.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:264 Resp: 541137
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 22.0 17.0 25.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 46.953 ng
RT: 16.898 min Scan# 2193
Delta R.T. 0.018 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:276 Resp: 832962
Ion Ratio Lower Upper
276 100
138 26.2 19.2 28.8
277 25.3 19.7 29.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

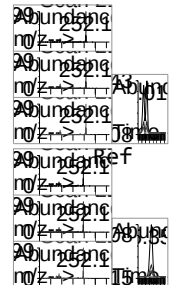
Ref

#88
Benzo(b)fluoranthene
Concen: 44.935 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:252 Resp: 658157
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.5 7.1 10.7

Raw

Sub



#89
Benzo(k)fluoranthene
Concen: 44.839 ng
RT: 15.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:252 Resp: 648749
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.4 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

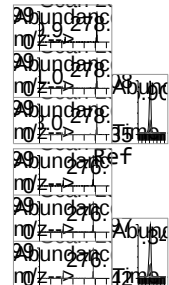
Ref

Raw

Sub

#90
Benzo(a)pyrene
Concen: 43.511 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:252 Resp: 607747
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.6 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 46.799 ng
RT: 16.909 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Instrument :

BNA_F

ClientSampleId :

PB155361BSD

Tgt Ion:278 Resp: 679309
Ion Ratio Lower Upper
278 100
139 17.9 13.4 20.0
279 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Raw

Sub

Ref

Raw

Sub

#92
Benzo(g,h,i)perylene
Concen: 46.430 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135305.D
Acq: 18 Sep 2023 14:23

Tgt Ion:276 Resp: 703857
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 23.6 16.9 25.3