

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135341.D
 Acq On : 19 Sep 2023 18:25
 Operator : CG\JU
 Sample : PB155592BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD

Quant Time: Sep 20 01:37:28 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	123392	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	496801	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	251376	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	492305	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	232982	20.000	ng	0.00
86) Perylene-d12	15.404	264	224093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1015100	133.802	ng	0.01
7) Phenol-d6	6.410	99	1268301	131.474	ng	0.00
23) Nitrobenzene-d5	7.328	82	838682	91.717	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	321038	128.514	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1404561	84.300	ng	-0.01
79) Terphenyl-d14	12.886	244	1420584	94.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	143854	43.254	ng	96
3) Pyridine	3.316	79	368878	41.211	ng	98
4) n-Nitrosodimethylamine	3.275	42	251449	52.937	ng	98
6) Aniline	6.428	93	405132	32.026	ng	# 86
8) 2-Chlorophenol	6.545	128	428867	52.955	ng	98
9) Benzaldehyde	6.310	77	142488	25.928	ng	96
10) Phenol	6.422	94	469366	44.371	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	413336	52.092	ng	99
12) 1,3-Dichlorobenzene	6.698	146	414213	50.326	ng	97
13) 1,4-Dichlorobenzene	6.775	146	414229	49.467	ng	98
14) 1,2-Dichlorobenzene	6.928	146	394269	50.700	ng	98
15) Benzyl Alcohol	6.910	79	317295	45.836	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	782527	52.321	ng	91
17) 2-Methylphenol	7.022	107	346345	48.461	ng	95
18) Hexachloroethane	7.263	117	160522	51.880	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	269175	45.049	ng	96
20) 3+4-Methylphenols	7.175	107	375255	43.666	ng	97
22) Acetophenone	7.169	105	523477	46.088	ng	# 99
24) Nitrobenzene	7.345	77	443023	49.017	ng	99
25) Isophorone	7.581	82	826436	49.218	ng	99
26) 2-Nitrophenol	7.657	139	227828	52.521	ng	98
27) 2,4-Dimethylphenol	7.698	122	357463	49.026	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	510358	50.782	ng	99
29) 2,4-Dichlorophenol	7.904	162	339102	50.191	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	351280	49.743	ng	99
31) Naphthalene	8.057	128	1150670	47.670	ng	99
32) Benzoic acid	7.845	122	278067	50.646	ng	97
33) 4-Chloroaniline	8.110	127	306814	28.971	ng	98
34) Hexachlorobutadiene	8.175	225	198767	46.679	ng	100
35) Caprolactam	8.492	113	125826m	55.491	ng	
36) 4-Chloro-3-methylphenol	8.610	107	383252	51.038	ng	96
37) 2-Methylnaphthalene	8.751	142	735997	45.360	ng	98
38) 1-Methylnaphthalene	8.851	142	708927	46.668	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	341048	46.831	ng	99
41) Hexachlorocyclopentadiene	8.898	237	245848	76.927	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	233164	48.900	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	261842	47.685	ng	96
46) 1,1'-Biphenyl	9.222	154	917209	47.480	ng	99
47) 2-Chloronaphthalene	9.245	162	691907	49.365	ng	99
48) 2-Nitroaniline	9.345	65	284886	52.318	ng	94
49) Acenaphthylene	9.657	152	1120369	48.097	ng	99
50) Dimethylphthalate	9.528	163	849782	50.000	ng	99
51) 2,6-Dinitrotoluene	9.592	165	189275	50.837	ng	95
52) Acenaphthene	9.833	154	652873	47.444	ng	99
53) 3-Nitroaniline	9.763	138	169219	38.720	ng	96
54) 2,4-Dinitrophenol	9.880	184	200270	93.600	ng	97
55) Dibenzofuran	10.004	168	942608	44.889	ng	96
56) 4-Nitrophenol	9.939	139	261298	94.073	ng	99
57) 2,4-Dinitrotoluene	9.998	165	220430	47.292	ng	# 84
58) Fluorene	10.351	166	751699	46.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	218062	51.625	ng	99
60) Diethylphthalate	10.228	149	849819	49.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	346691	44.708	ng	100
62) 4-Nitroaniline	10.386	138	212995	50.701	ng	95
63) Azobenzene	10.504	77	852349	51.060	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	138100	52.815	ng	85
66) n-Nitrosodiphenylamine	10.463	169	718106	48.181	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	233321	47.652	ng	98
68) Hexachlorobenzene	10.898	284	250074	50.133	ng	96
69) Atrazine	10.998	200	225738	56.289	ng	99
70) Pentachlorophenol	11.098	266	226673	75.951	ng	98
71) Phenanthrene	11.316	178	1124623	48.300	ng	99
72) Anthracene	11.369	178	1137373	47.523	ng	100
73) Carbazole	11.527	167	1088653	49.968	ng	99
74) Di-n-butylphthalate	11.857	149	1305892	50.867	ng	99
75) Fluoranthene	12.510	202	1185096	48.847	ng	99
77) Benzidine	12.633	184	279871	58.636	ng	99
78) Pyrene	12.739	202	1184385	53.395	ng	99
80) Butylbenzylphthalate	13.363	149	475453	60.879	ng	96
81) Benzo(a)anthracene	13.933	228	749691	49.832	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	198677	42.280	ng	# 96
83) Chrysene	13.968	228	752909	50.337	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	537228	67.034	ng	99
85) Di-n-octyl phthalate	14.539	149	824342	64.725	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	766694	52.181	ng	97
88) Benzo(b)fluoranthene	14.980	252	664885	54.809	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	582542	48.613	ng	98
90) Benzo(a)pyrene	15.345	252	584290	50.507	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	615210	51.173	ng	99
92) Benzo(g,h,i)perylene	17.339	276	628534	50.061	ng	97

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

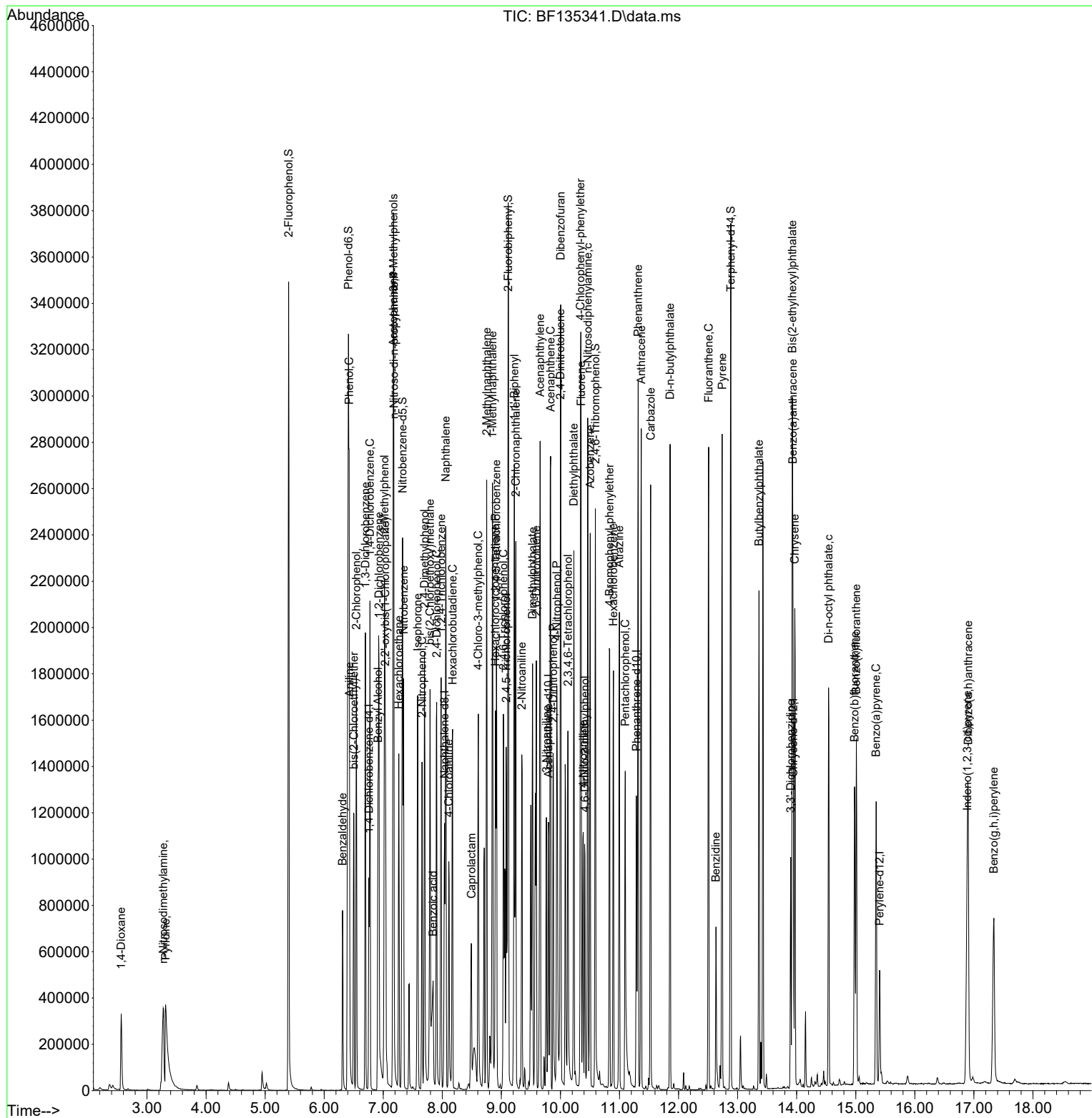
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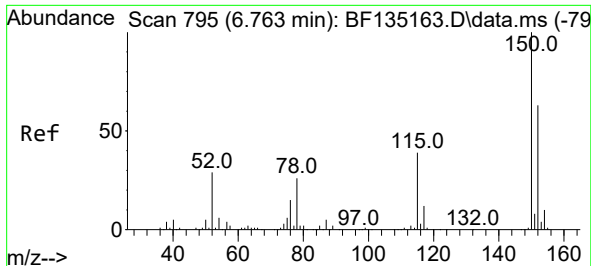
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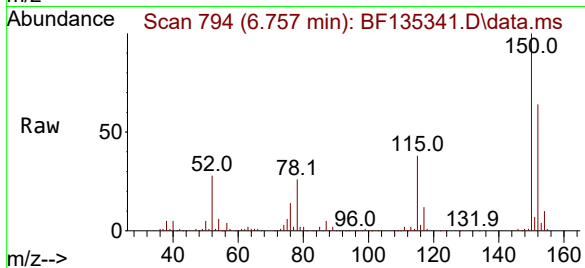
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

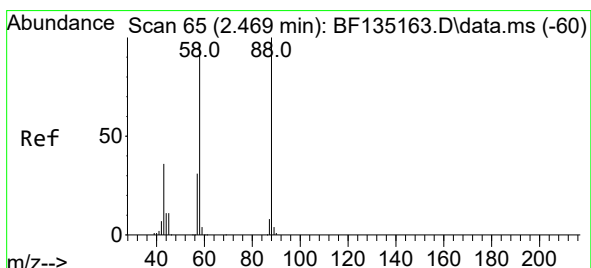
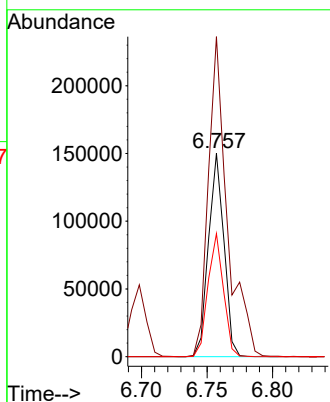
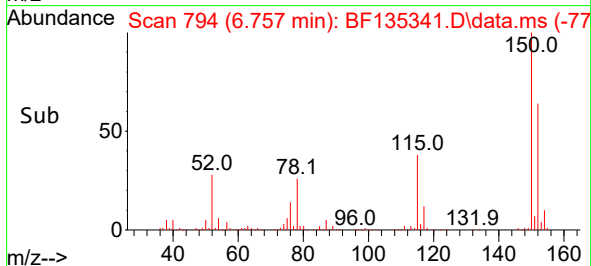
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD



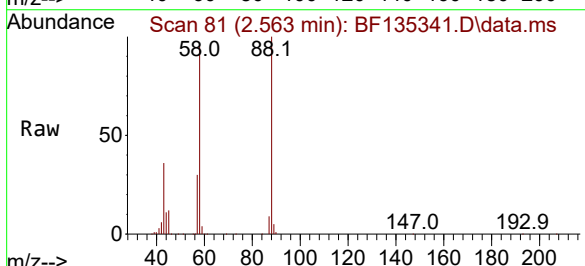
Tgt Ion:152 Resp: 123392
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.8 191.6
 115 60.5 49.8 74.8

Manual Integrations
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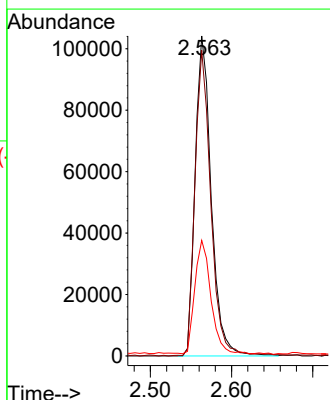
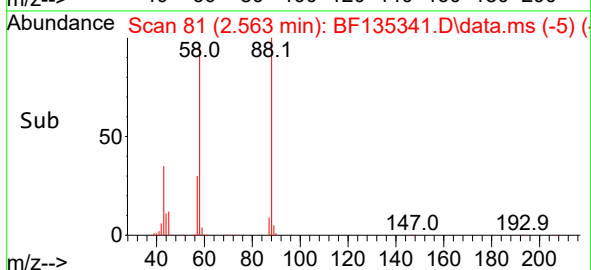
Reviewed By :Yogesh Patel 09/20/2023
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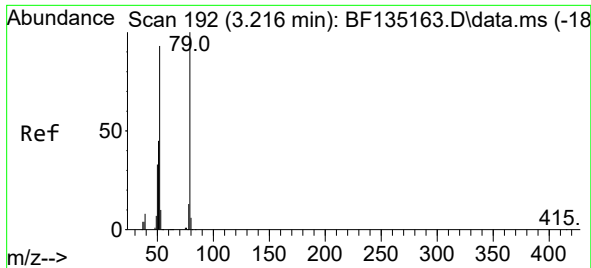


#2
 1,4-Dioxane
 Concen: 43.254 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.094 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25



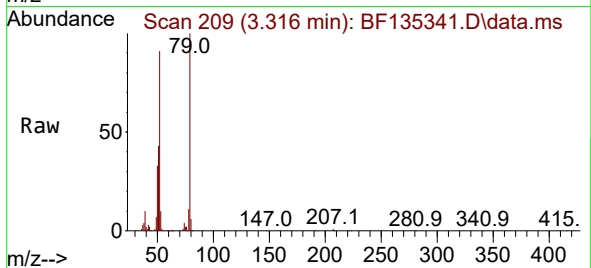
Tgt Ion: 88 Resp: 143854
 Ion Ratio Lower Upper
 88 100
 58 93.6 78.3 117.5
 43 35.0 29.4 44.0





#3
Pyridine
Concen: 41.211 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.100 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

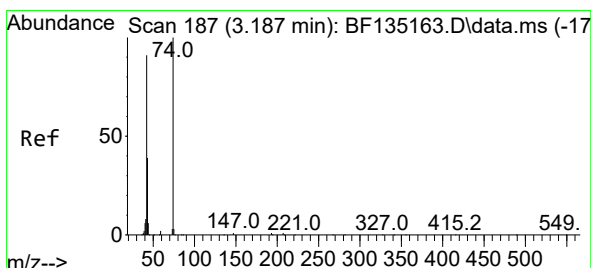
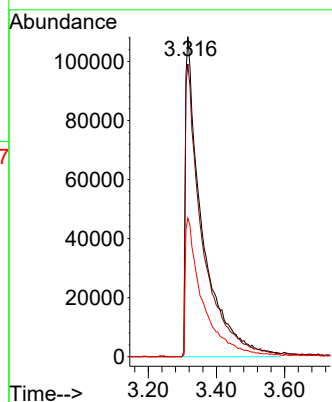
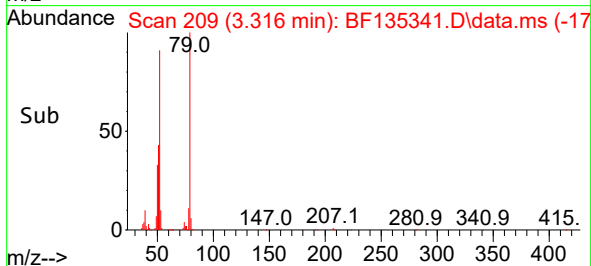
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



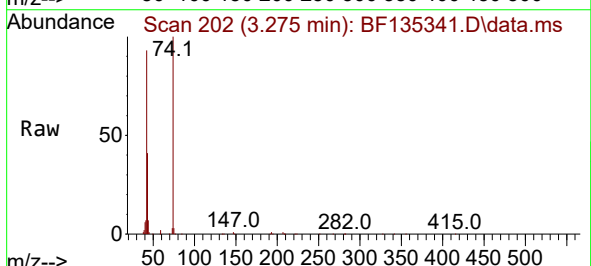
Tgt Ion: 79 Resp: 368878
Ion Ratio Lower Upper
79 100
52 91.4 74.1 111.1
51 43.2 35.8 53.8

Manual Integrations
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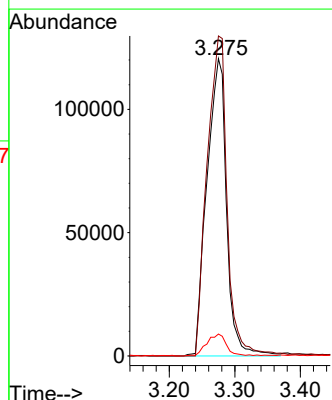
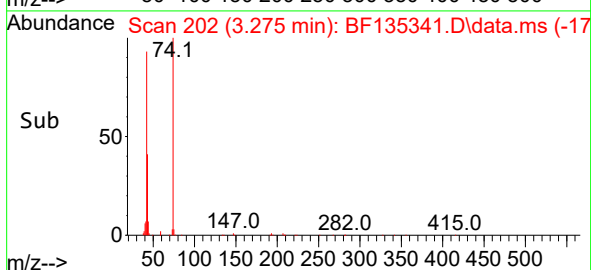
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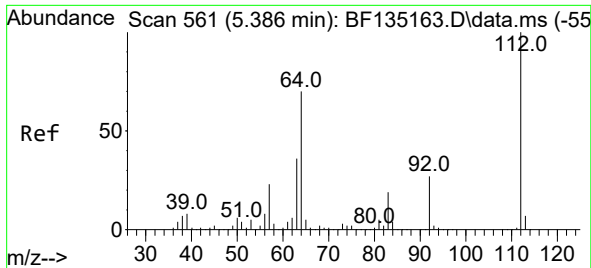


#4
n-Nitrosodimethylamine
Concen: 52.937 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion: 42 Resp: 251449
Ion Ratio Lower Upper
42 100
74 107.7 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 133.802 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

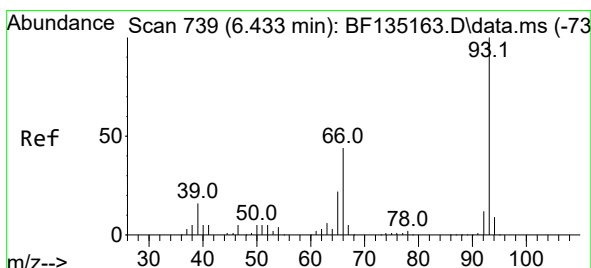
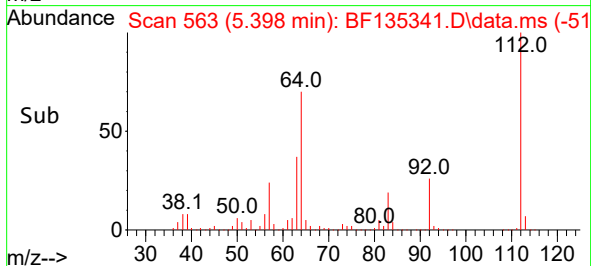
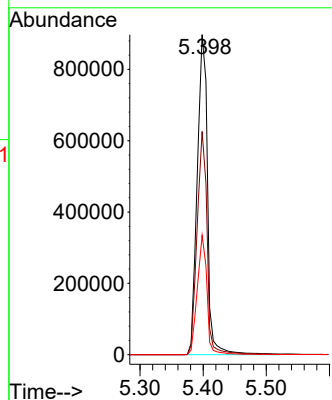
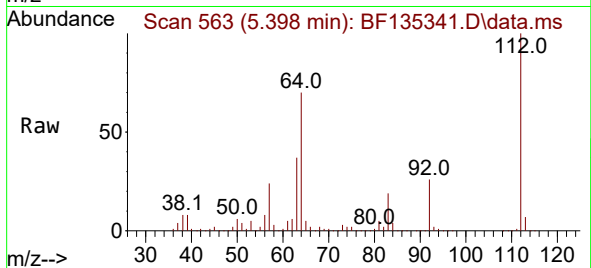
PB155592BSD

Tgt Ion:112 Resp: 1015100
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 37.3 29.0 43.6

Manual Integrations

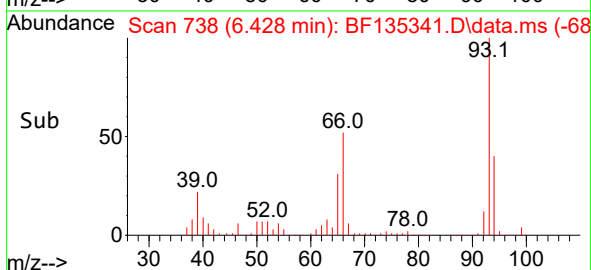
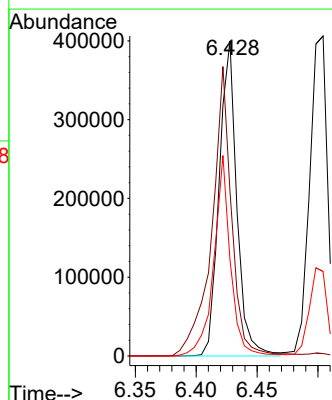
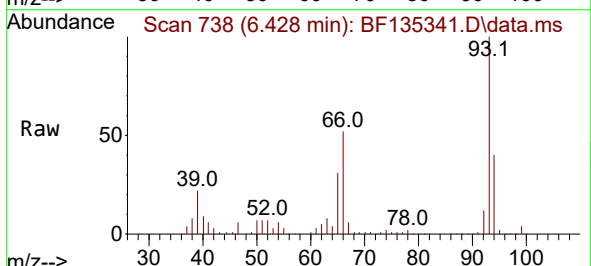
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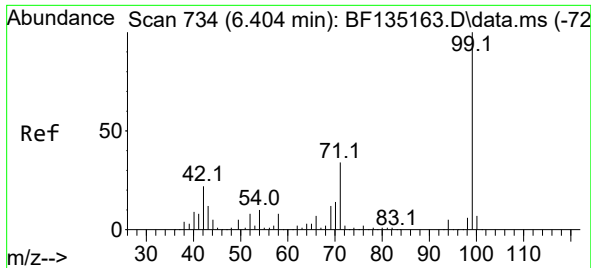
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#6
Aniline
Concen: 32.026 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion: 93 Resp: 405132
Ion Ratio Lower Upper
93 100
66 52.4 35.4 53.0
65 30.5 17.8 26.8





#7

Phenol-d6

Concen: 131.474 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion: 99 Resp: 126830

Ion Ratio Lower Upper

99 100

42 24.2 17.9 26.9

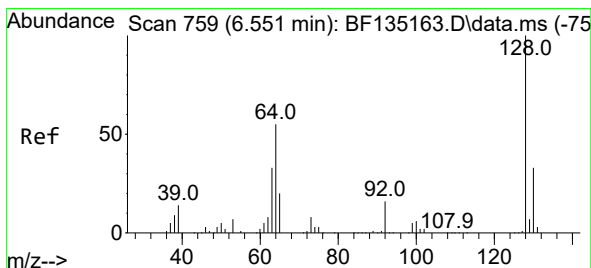
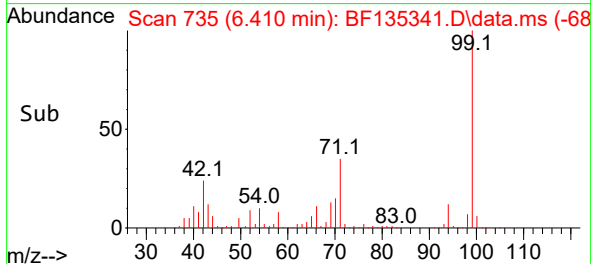
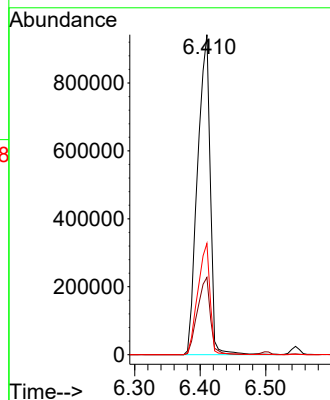
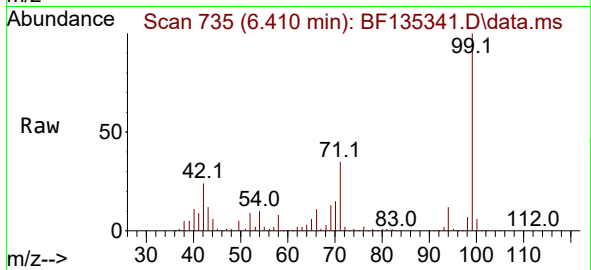
71 34.8 27.0 40.6

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#8

2-Chlorophenol

Concen: 52.955 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

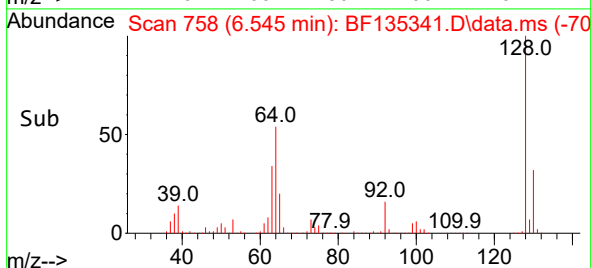
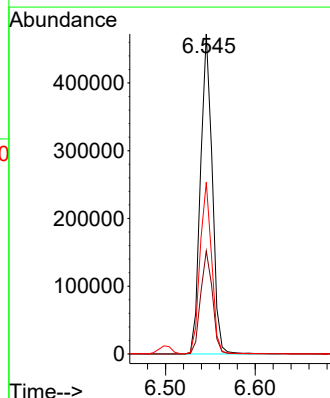
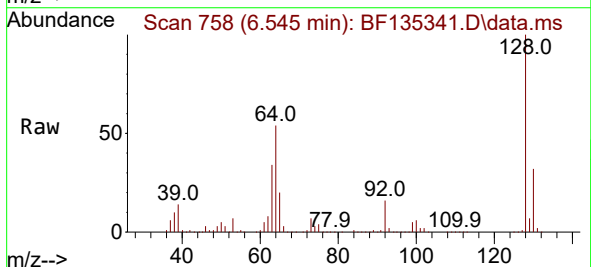
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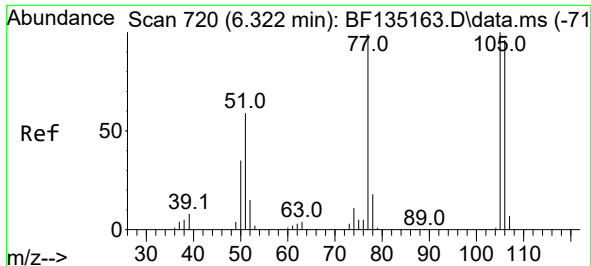
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

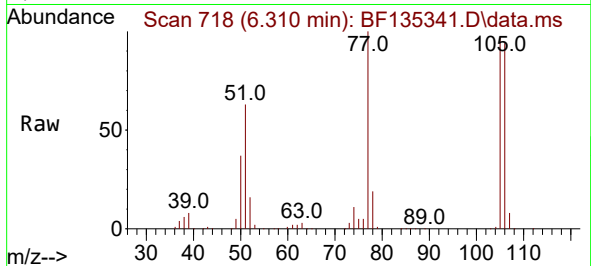
64 53.6 35.9 75.9





#9
Benzaldehyde
Concen: 25.928 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
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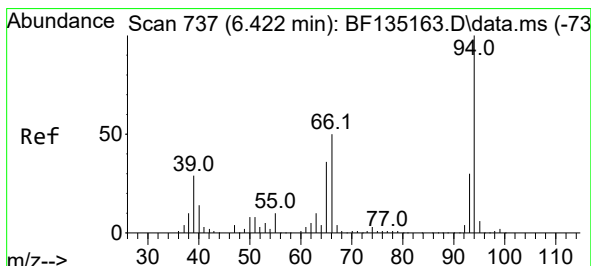
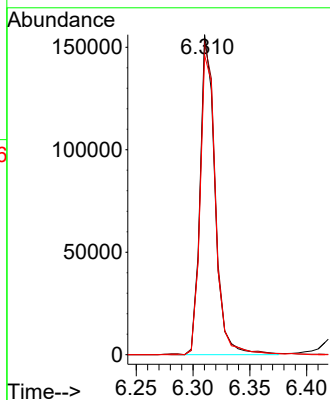
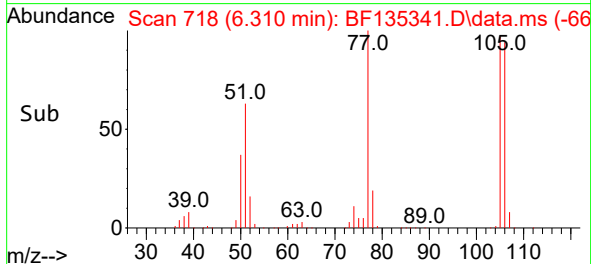
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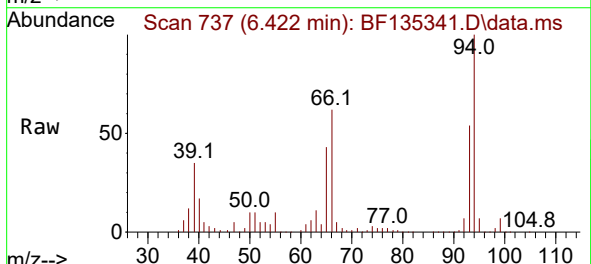
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Ion Ratio Lower Upper
77 100
105 97.3 81.4 121.4
106 93.6 76.9 116.9

Manual Integrations
APPROVED

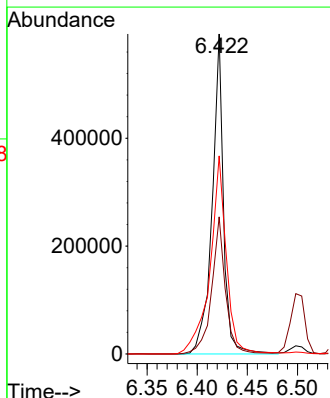
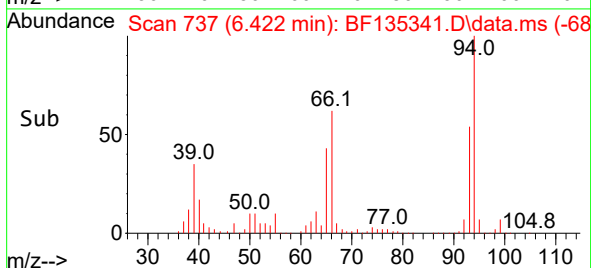
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

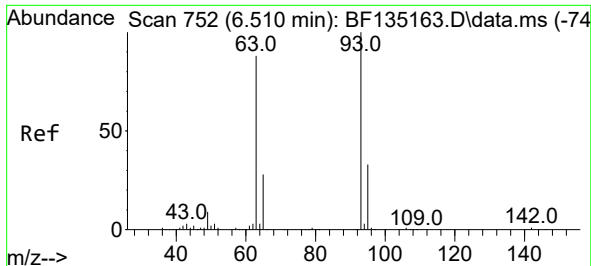


#10
Phenol
Concen: 44.371 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



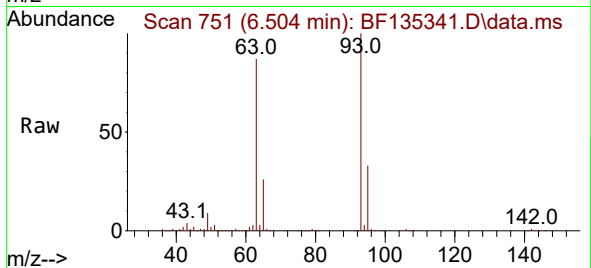
Tgt Ion: 94 Resp: 469366
Ion Ratio Lower Upper
94 100
65 42.9 15.9 55.9
66 61.9 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 52.092 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

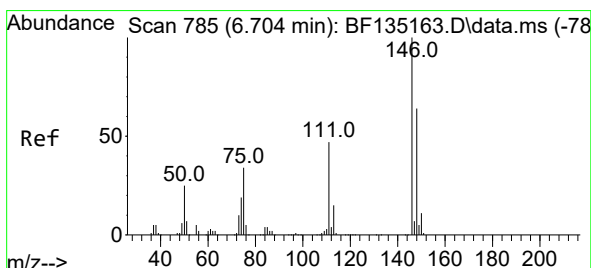
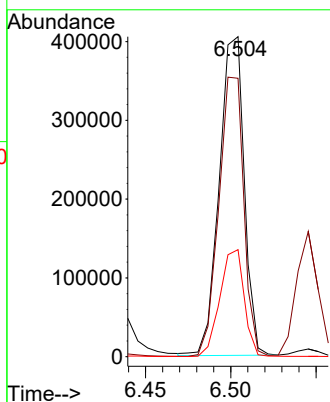
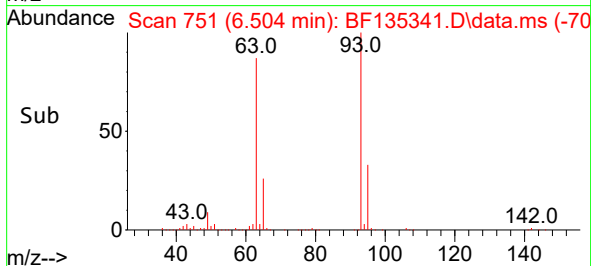
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion: 93 Resp: 413330
Ion Ratio Lower Upper
93 100
63 87.0 67.3 107.3
95 33.4 12.7 52.7

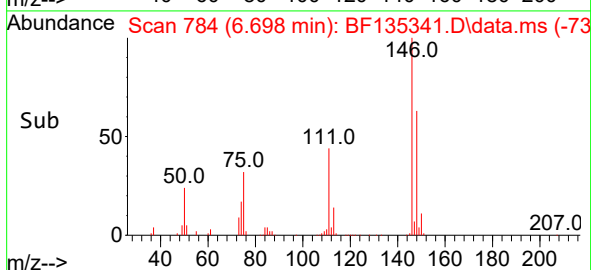
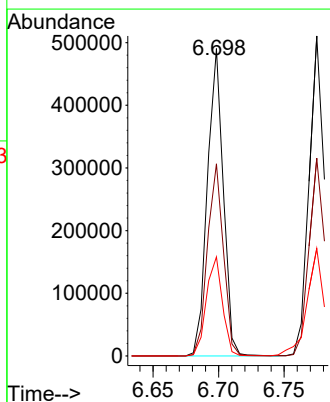
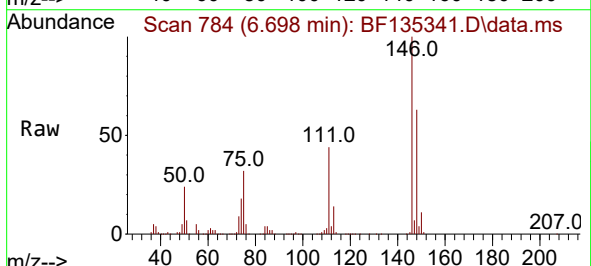
Manual Integrations
APPROVED

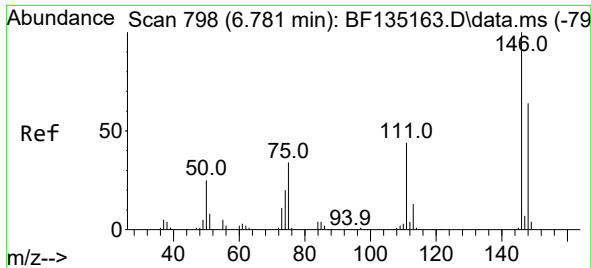
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#12
1,3-Dichlorobenzene
Concen: 50.326 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:146 Resp: 414213
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
75 32.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.467 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

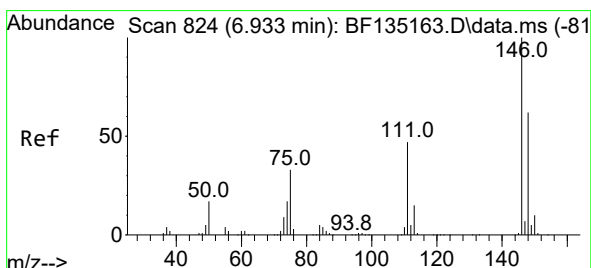
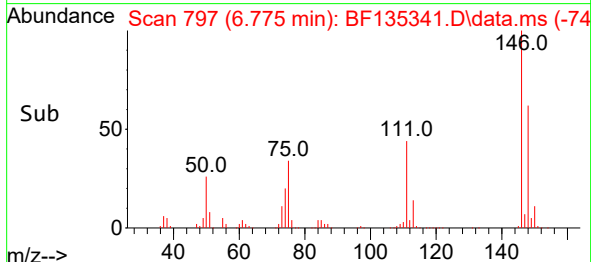
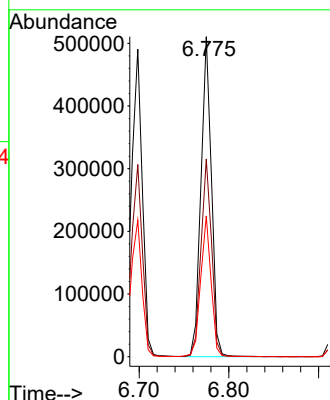
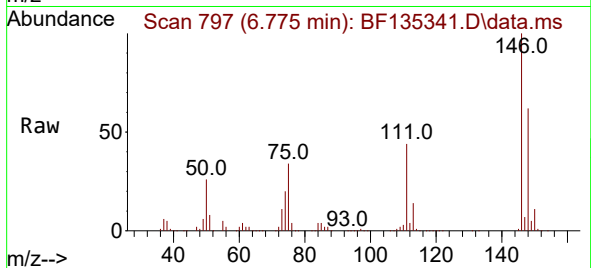
PB155592BSD

Tgt Ion:146 Resp: 414229
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.3 76.9
 111 44.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#14

1,2-Dichlorobenzene

Concen: 50.700 ng

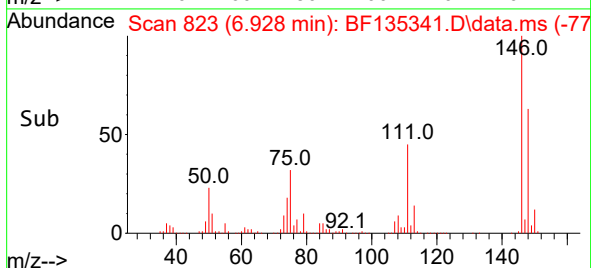
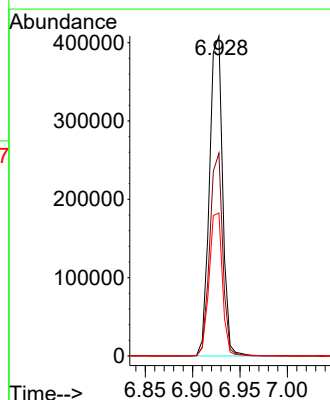
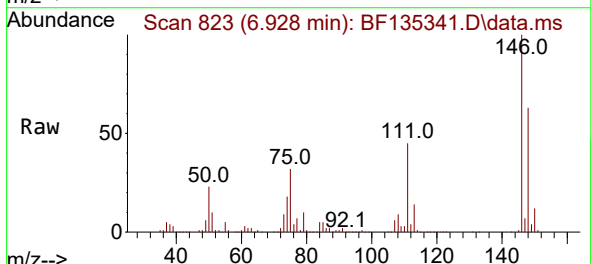
RT: 6.928 min Scan# 823

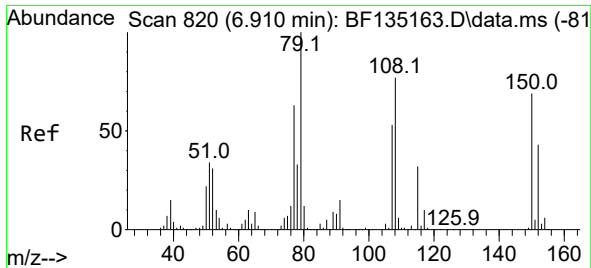
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

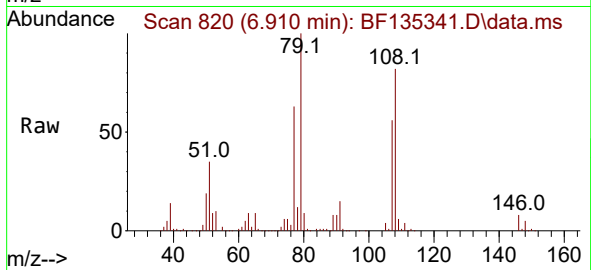
Tgt Ion:146 Resp: 394269
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.7 74.5
 111 44.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 45.836 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

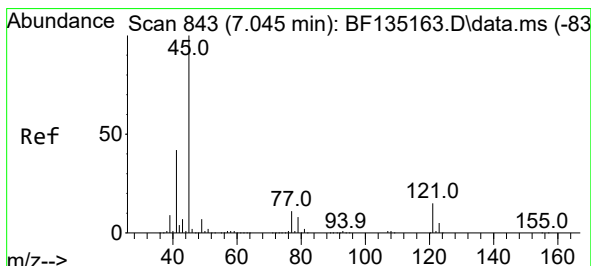
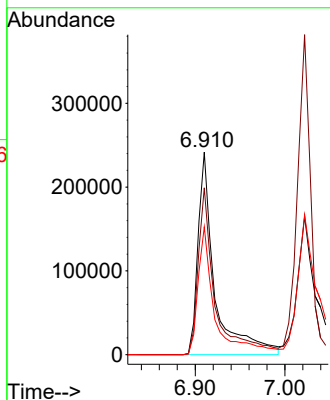
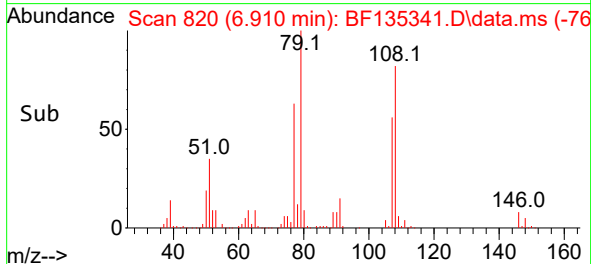
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion: 79 Resp: 31729
Ion Ratio Lower Upper
79 100
108 82.4 61.2 91.8
77 63.1 50.5 75.7

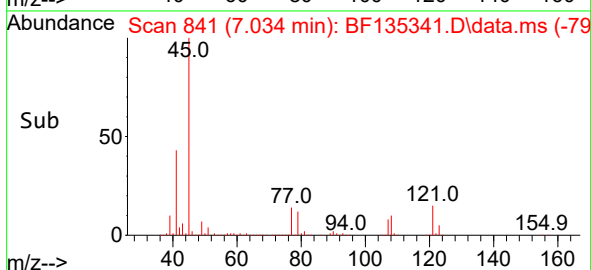
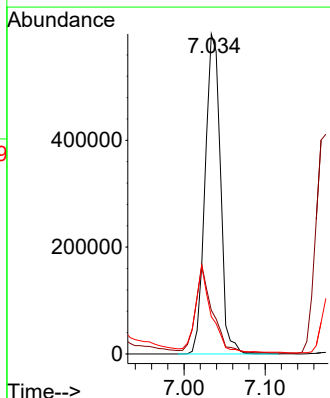
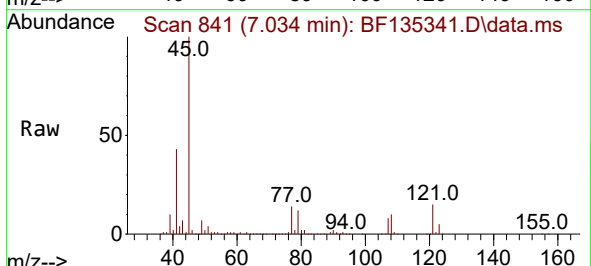
Manual Integrations
APPROVED

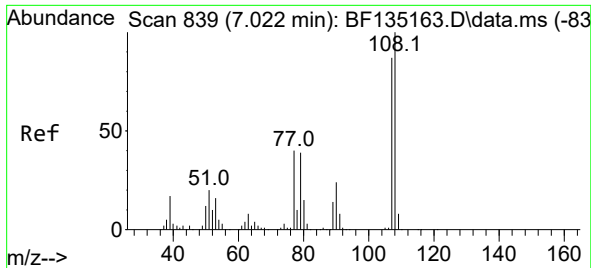
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.321 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

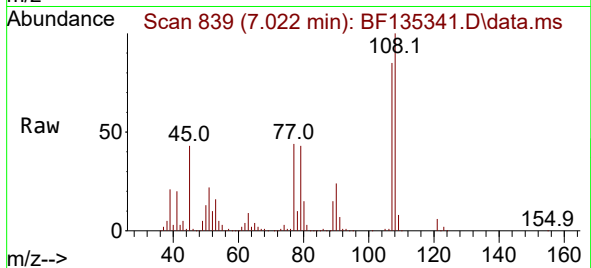
Tgt Ion: 45 Resp: 782527
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.6
79 11.7 0.0 28.3





#17
2-Methylphenol
Concen: 48.461 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

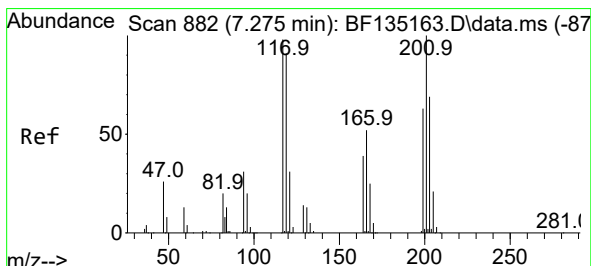
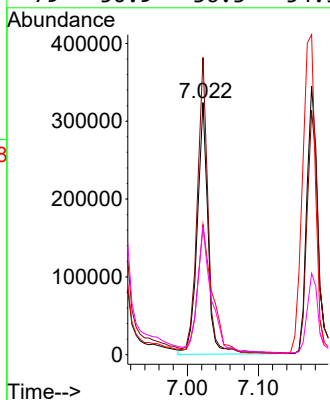
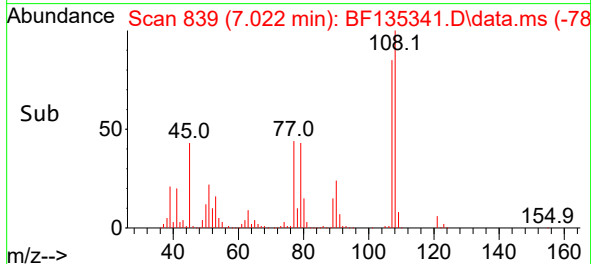
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



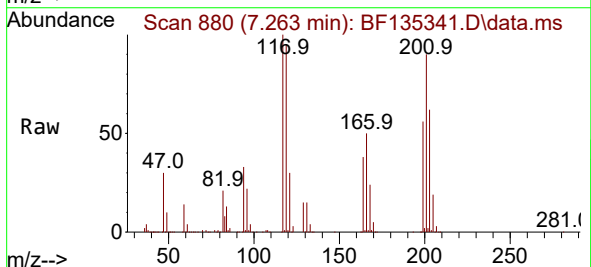
Tgt Ion:107 Resp: 34634
Ion Ratio Lower Upper
107 100
108 117.9 92.0 138.0
77 51.6 36.7 55.1
79 50.9 36.3 54.5

Manual Integrations
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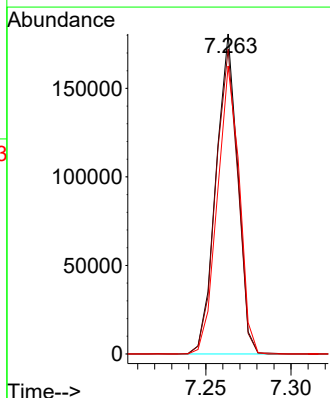
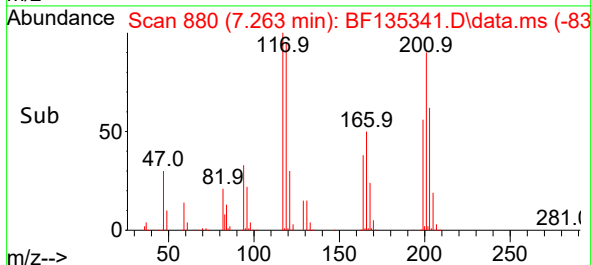
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

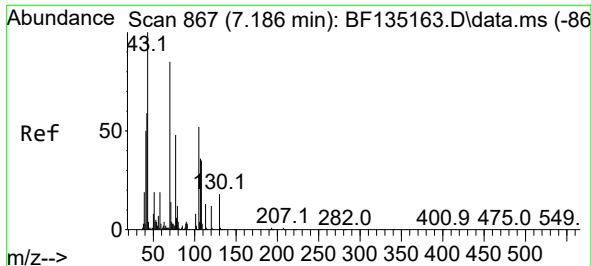


#18
Hexachloroethane
Concen: 51.880 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion:117 Resp: 160522
Ion Ratio Lower Upper
117 100
119 95.3 74.7 112.1
201 90.0 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.049 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion: 70 Resp: 26917

Ion Ratio Lower Upper

70 100

42 73.1 55.4 83.0

101 9.5 7.7 11.5

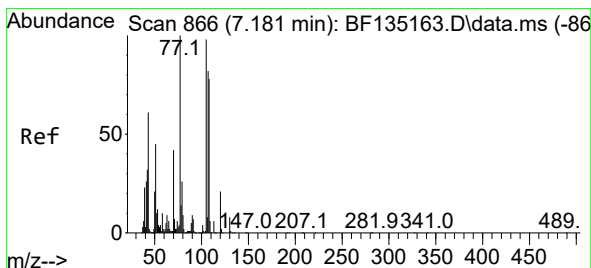
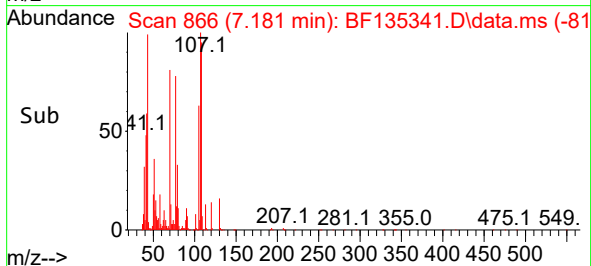
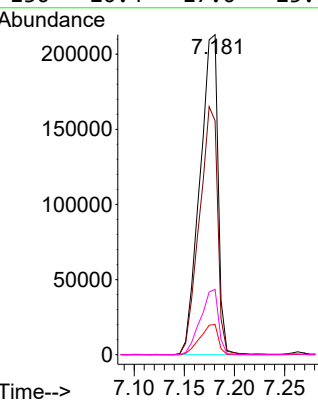
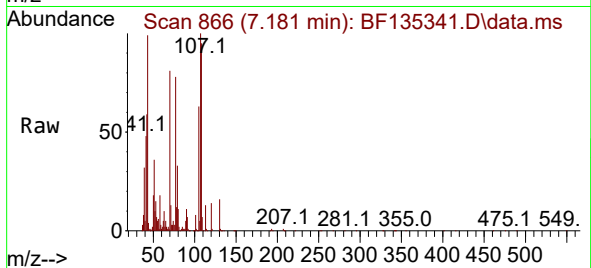
130 20.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#20

3+4-Methylphenols

Concen: 43.666 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion:107 Resp: 375255

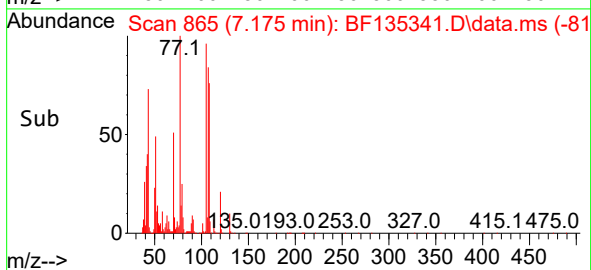
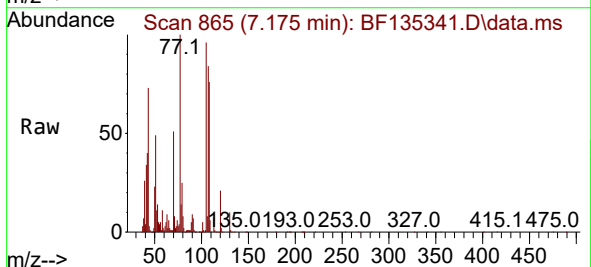
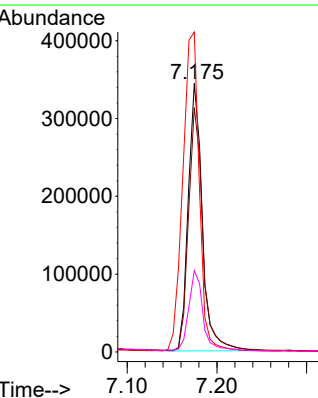
Ion Ratio Lower Upper

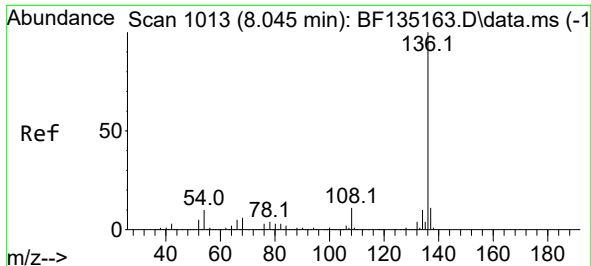
107 100

108 91.0 74.7 114.7

77 119.1 102.0 142.0

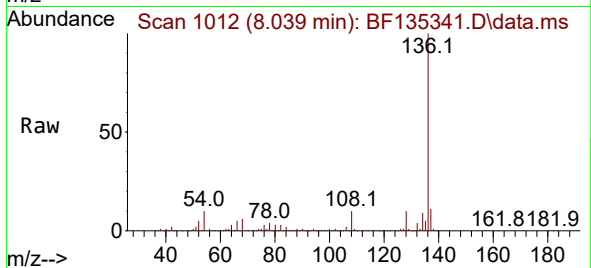
79 30.2 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

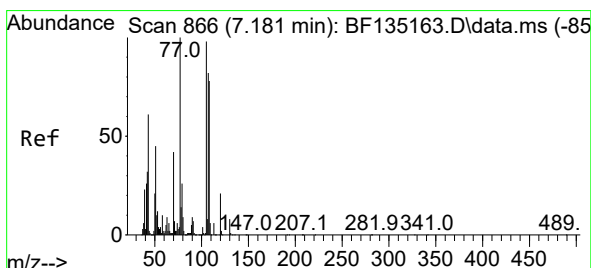
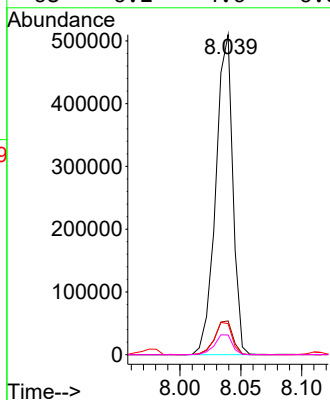
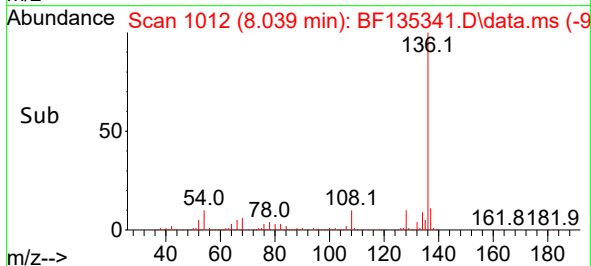
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:136 Resp: 49680
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.7 7.7 11.5
68 6.2 4.6 6.8

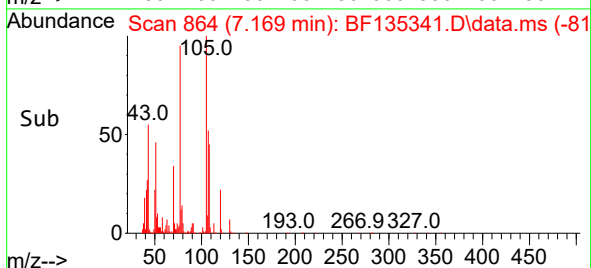
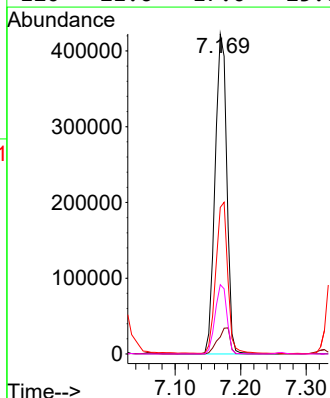
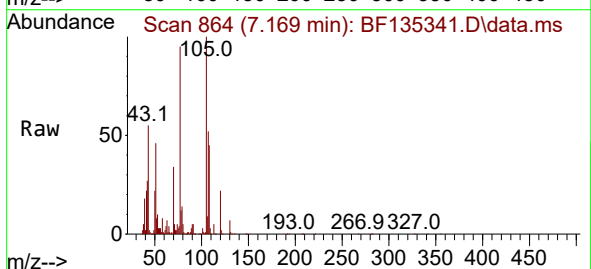
Manual Integrations
APPROVED

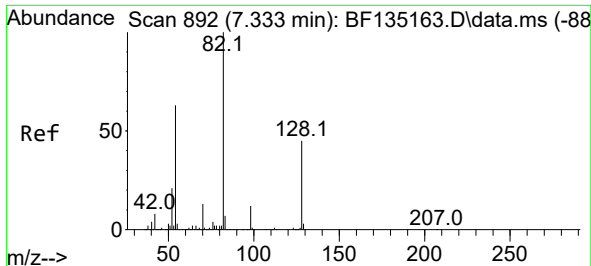
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#22
Acetophenone
Concen: 46.088 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

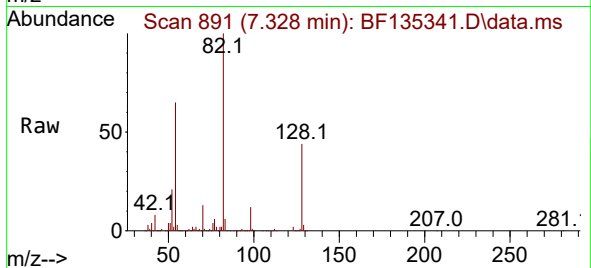
Tgt Ion:105 Resp: 523477
Ion Ratio Lower Upper
105 100
71 5.3 5.8 8.6#
51 45.8 37.0 55.4
120 21.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 91.717 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

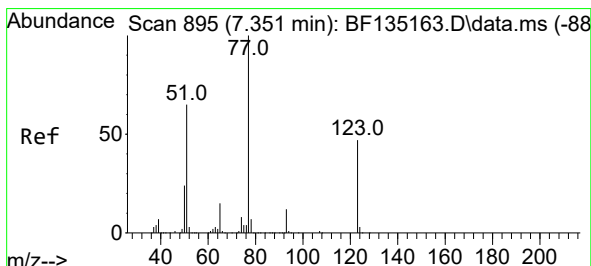
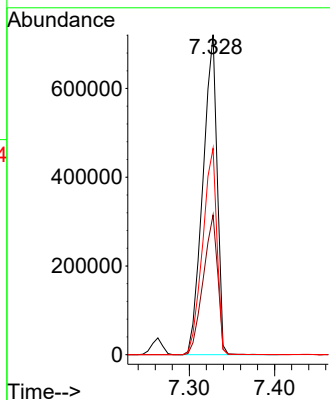
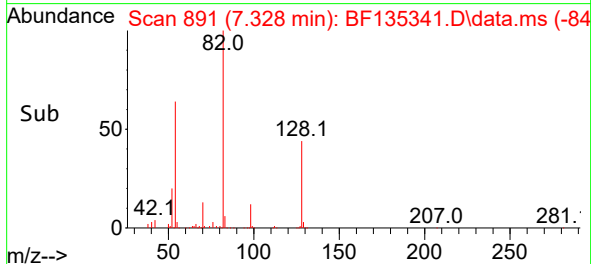
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion: 82 Resp: 838682
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 64.5 50.6 76.0

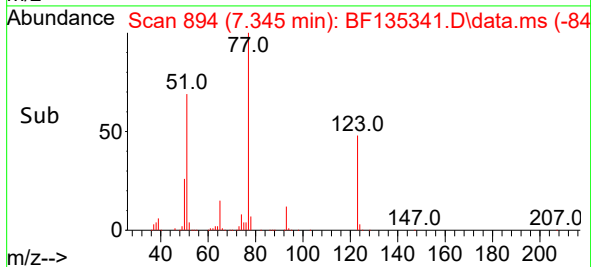
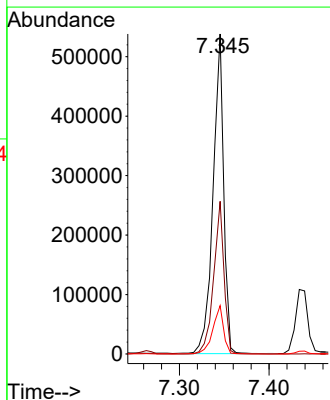
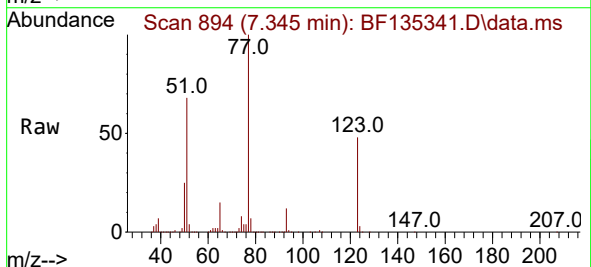
Manual Integrations
APPROVED

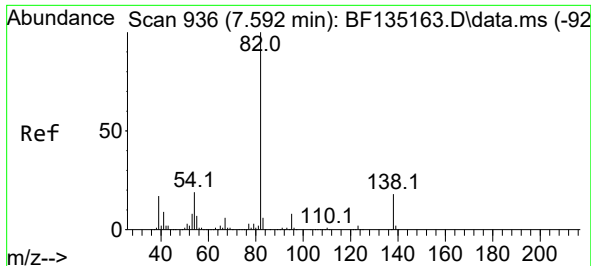
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#24
Nitrobenzene
Concen: 49.017 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

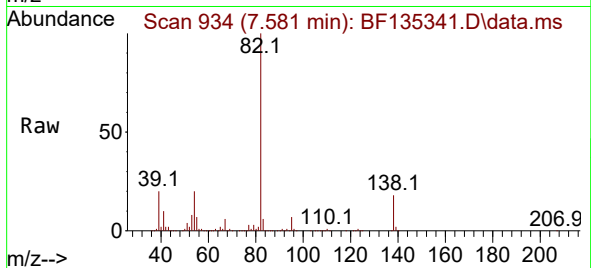
Tgt Ion: 77 Resp: 443023
Ion Ratio Lower Upper
77 100
123 47.7 37.6 56.4
65 15.1 12.2 18.4





#25
Isophorone
Concen: 49.218 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

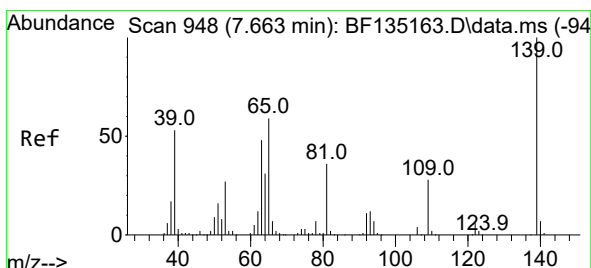
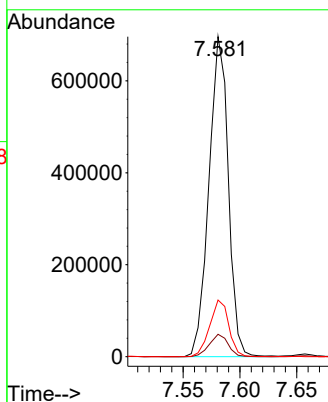
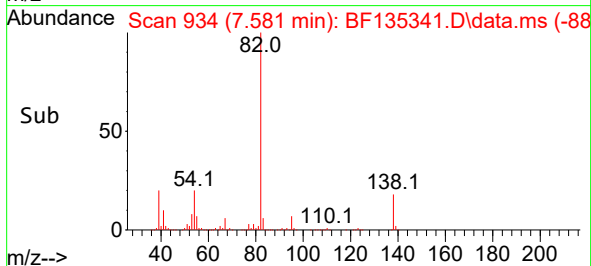
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



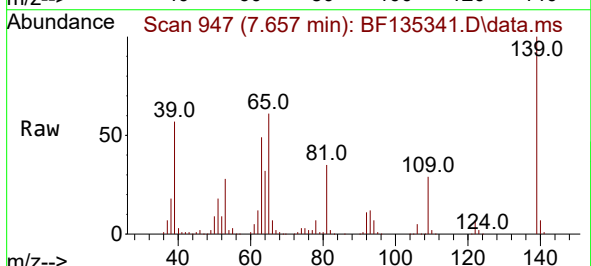
Tgt Ion: 82 Resp: 826430
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.7 14.5 21.7

Manual Integrations
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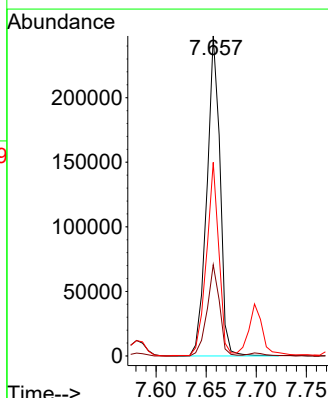
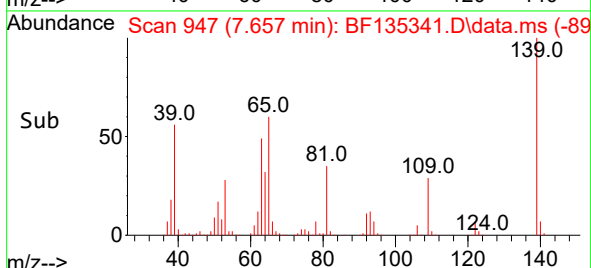
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

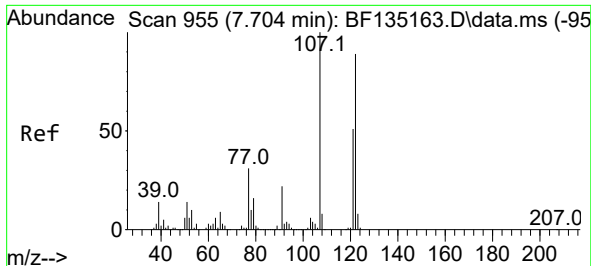


#26
2-Nitrophenol
Concen: 52.521 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion:139 Resp: 227828
Ion Ratio Lower Upper
139 100
109 28.5 22.6 33.8
65 60.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.026 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135341.D

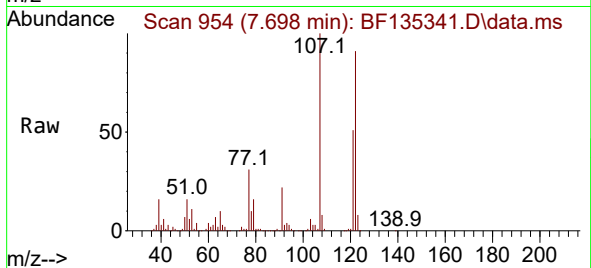
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



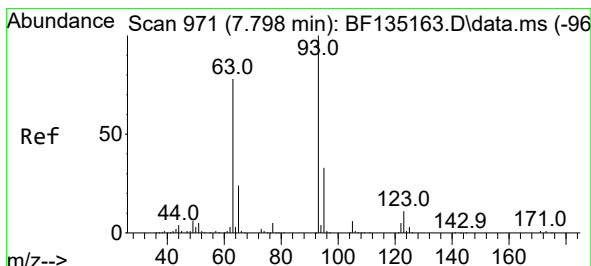
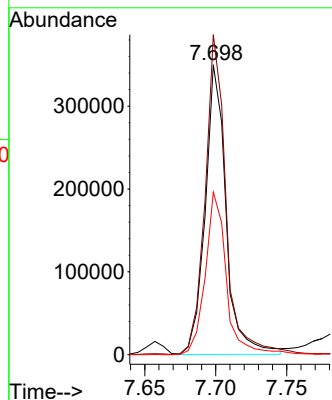
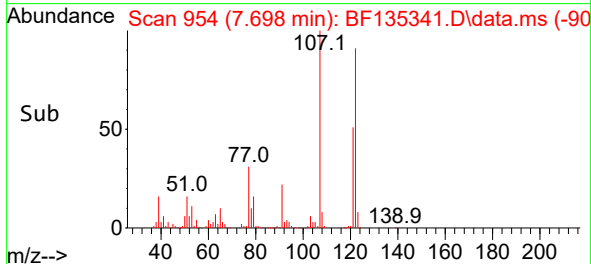
Tgt Ion:	122	Resp:	35746
Ion	Ratio	Lower	Upper
122	100		
107	110.4	90.2	135.4
121	56.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.782 ng

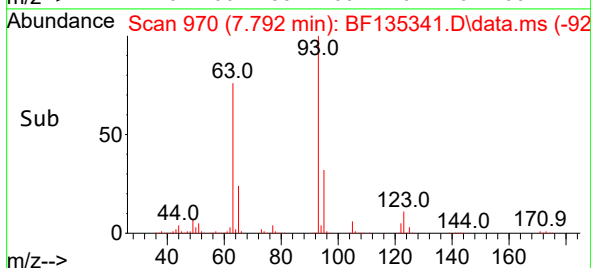
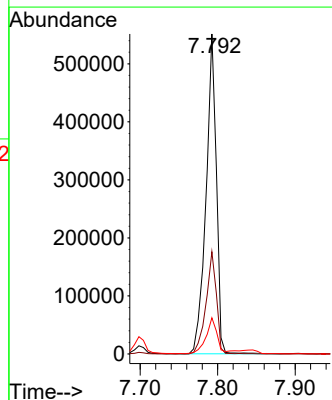
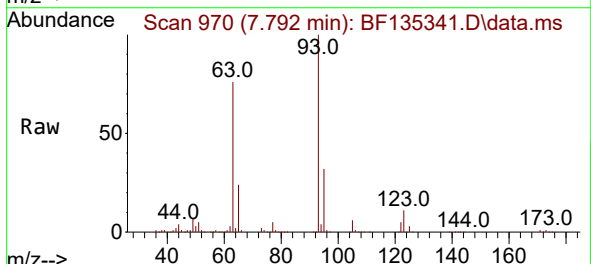
RT: 7.792 min Scan# 970

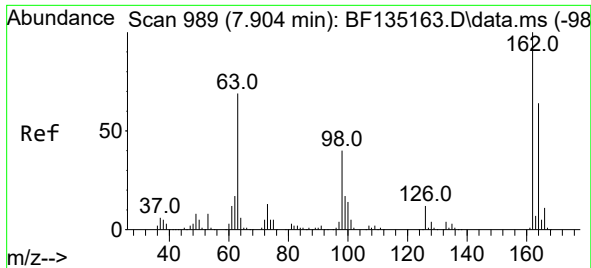
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion:	93	Resp:	510358
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	11.3	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 50.191 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

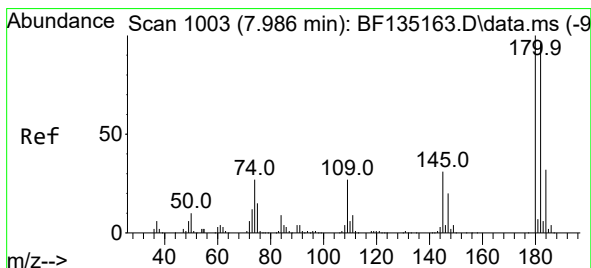
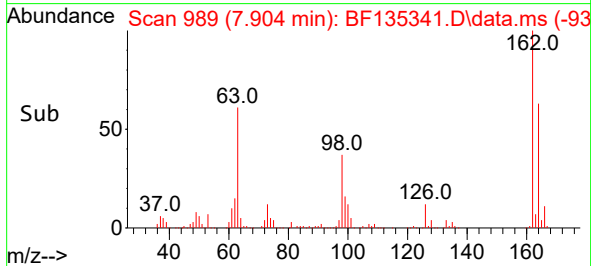
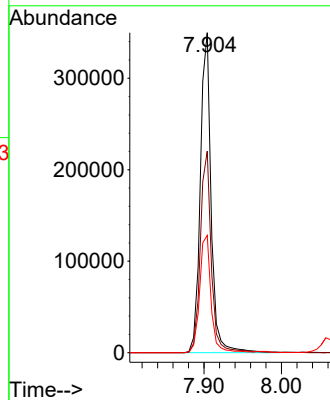
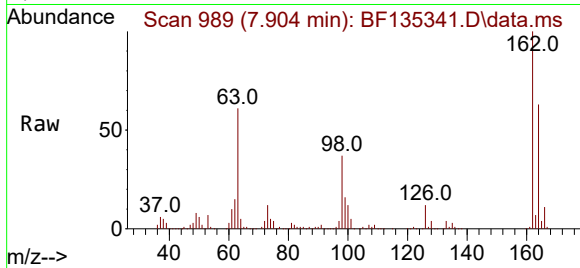
Tgt Ion:162 Resp: 33910
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.1 84.1
 98 36.7 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.743 ng

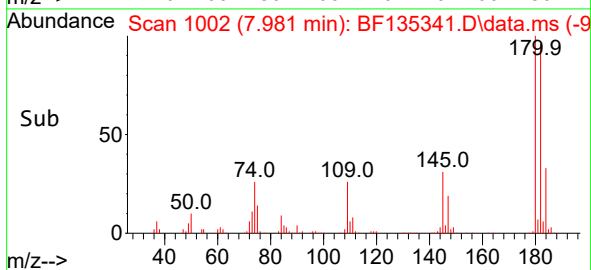
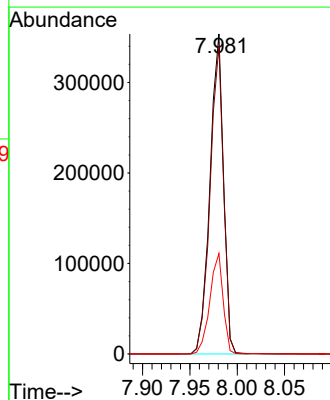
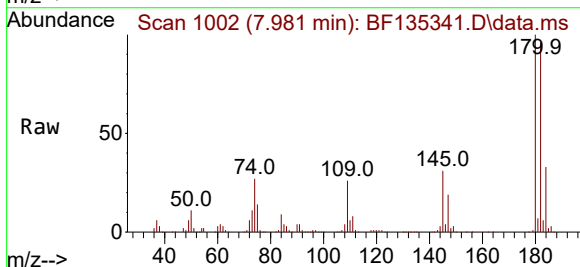
RT: 7.981 min Scan# 1002

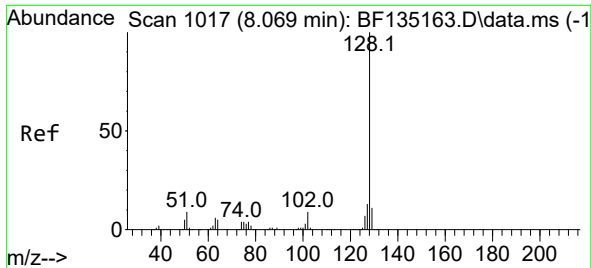
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

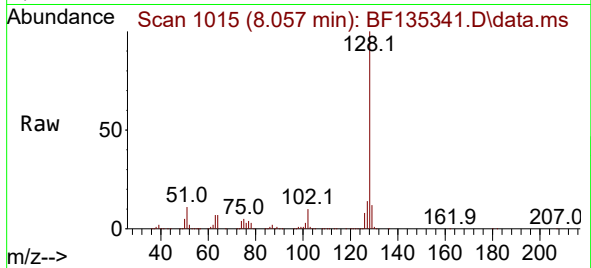
Tgt Ion:180 Resp: 351280
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.9 115.3
 145 31.4 24.5 36.7





#31
Naphthalene
Concen: 47.670 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

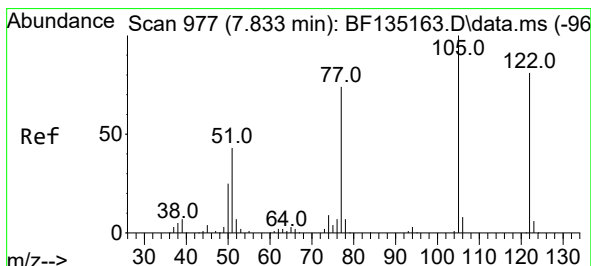
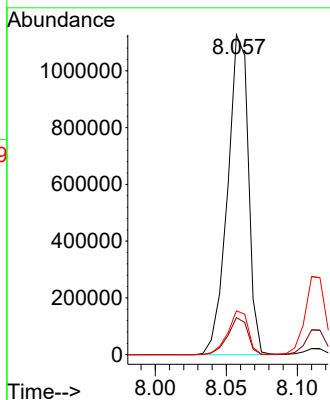
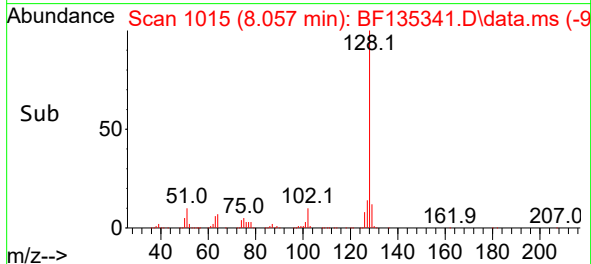
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:128 Resp: 1150670
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.7 10.7 16.1

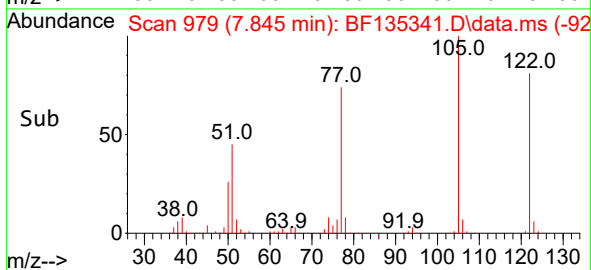
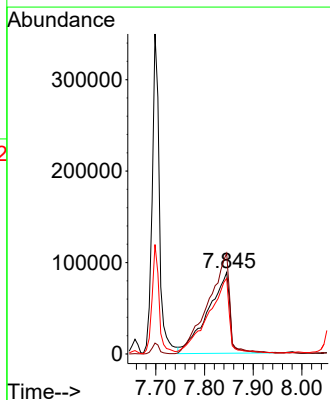
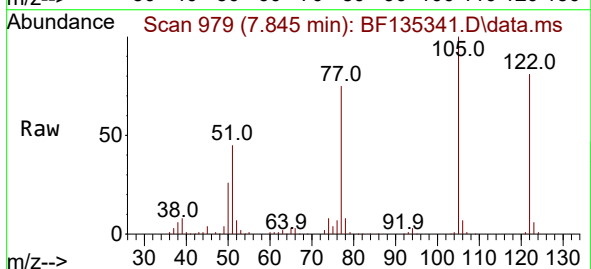
Manual Integrations
APPROVED

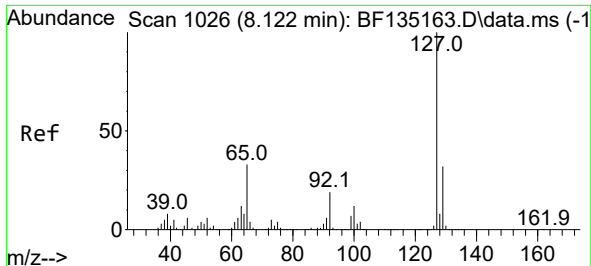
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#32
Benzoic acid
Concen: 50.646 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:122 Resp: 278067
Ion Ratio Lower Upper
122 100
105 123.6 99.9 139.9
77 92.9 70.0 110.0





#33
4-Chloroaniline
Concen: 28.971 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

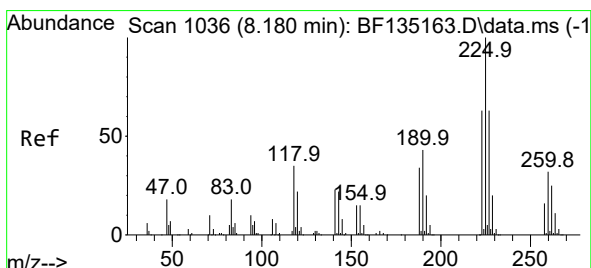
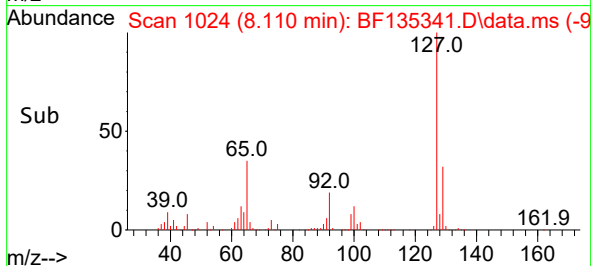
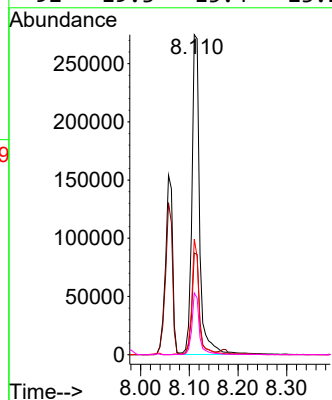
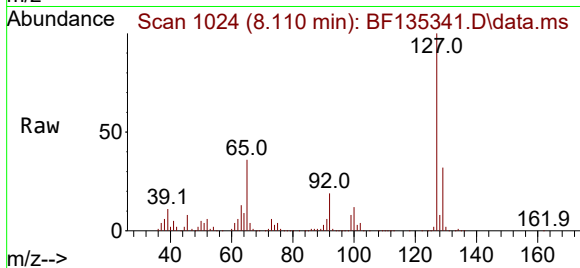
PB155592BSD

Tgt Ion:127 Resp: 306814
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 36.1 26.6 39.8
92 19.3 15.4 23.2

Manual Integrations

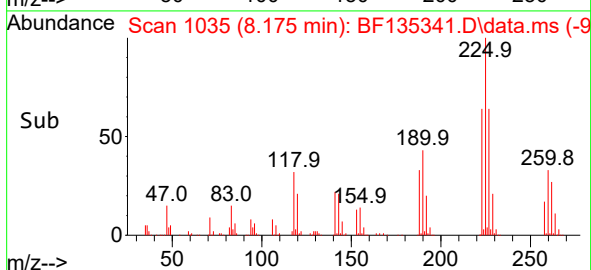
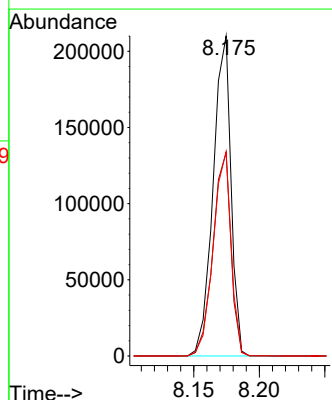
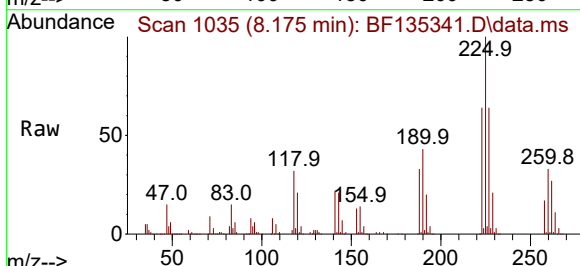
APPROVED

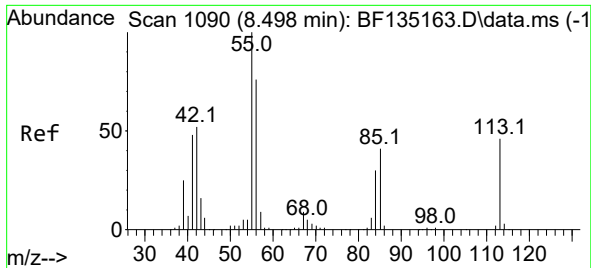
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#34
Hexachlorobutadiene
Concen: 46.679 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

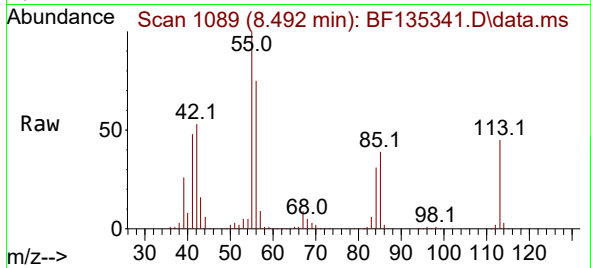
Tgt Ion:225 Resp: 198767
Ion Ratio Lower Upper
225 100
223 63.6 50.6 75.8
227 63.8 50.8 76.2





#35
 Caprolactam
 Concen: 55.491 ng m
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

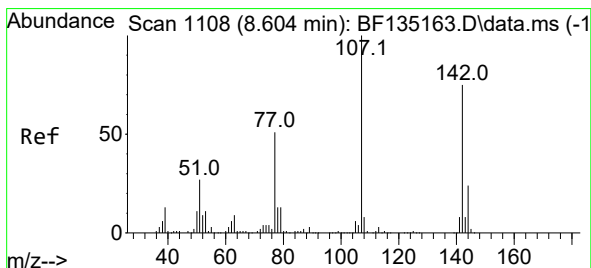
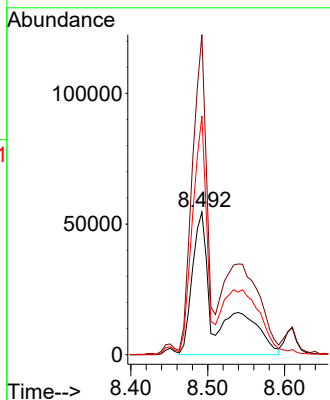
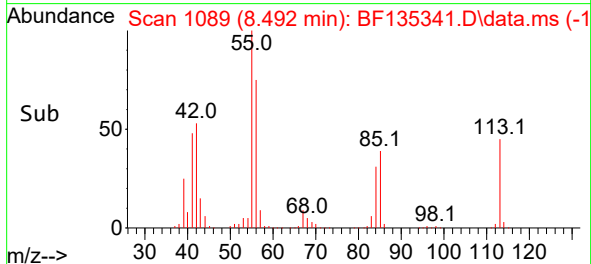
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD



Tgt Ion:113 Resp: 125820
 Ion Ratio Lower Upper
 113 100
 55 224.4 199.3 239.3
 56 167.2 146.3 186.3

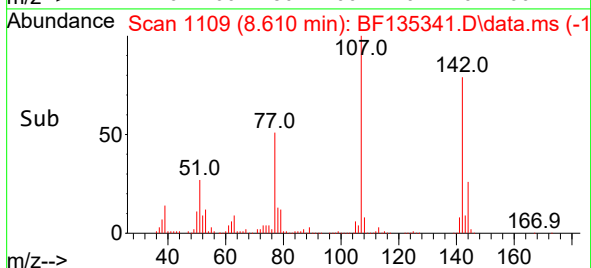
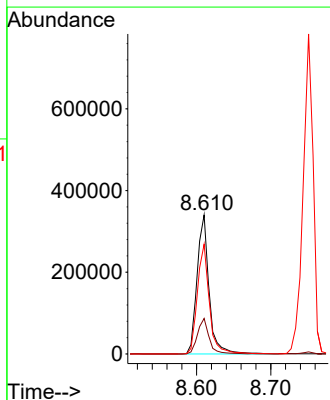
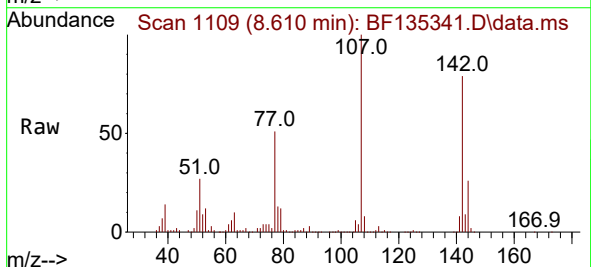
Manual Integrations
 APPROVED

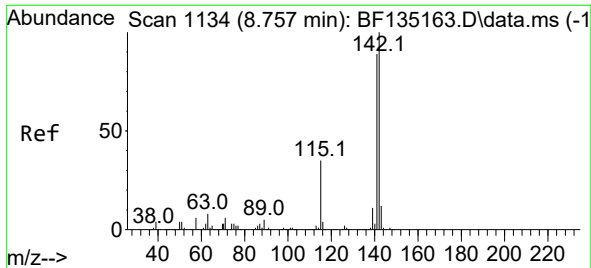
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.038 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

Tgt Ion:107 Resp: 383252
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 78.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.360 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion:142 Resp: 735997

Ion Ratio Lower Upper

142 100

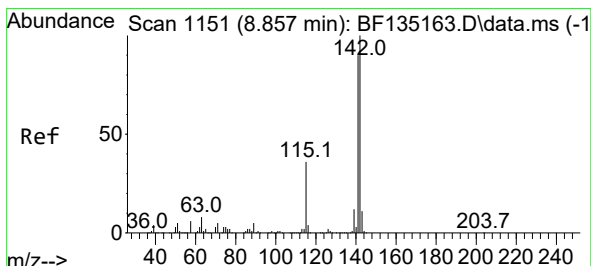
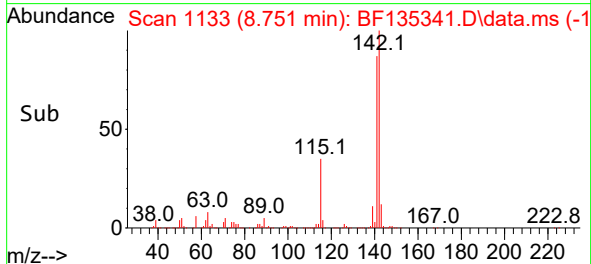
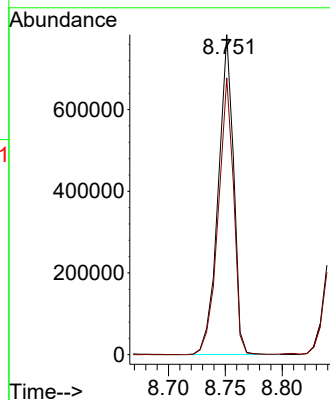
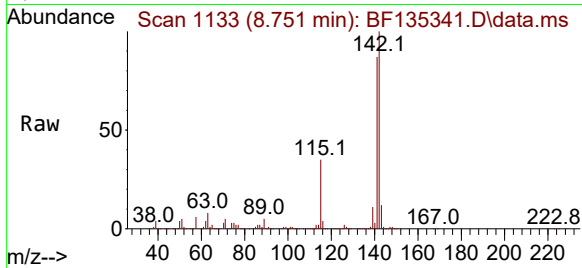
141 86.5 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#38

1-Methylnaphthalene

Concen: 46.668 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135341.D

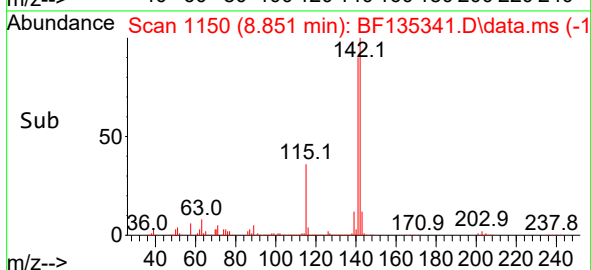
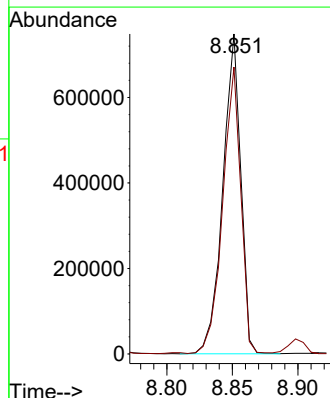
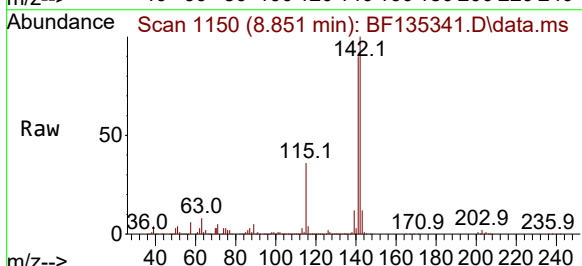
Acq: 19 Sep 2023 18:25

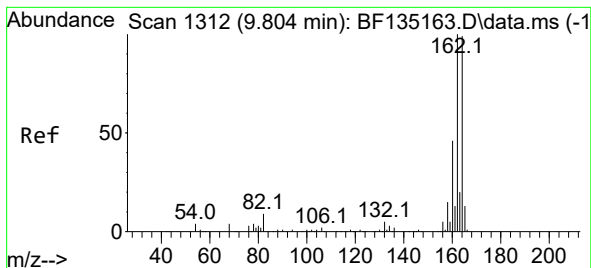
Tgt Ion:142 Resp: 708927

Ion Ratio Lower Upper

142 100

141 89.6 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135341.D

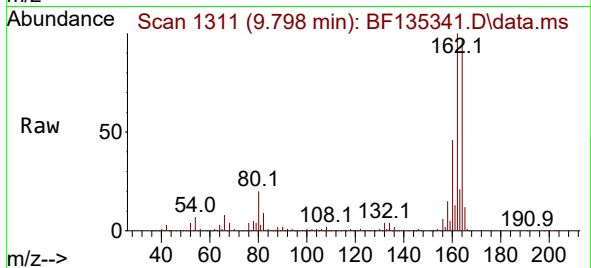
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



Tgt Ion:164 Resp: 251370

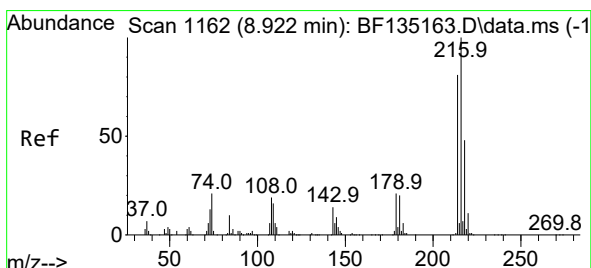
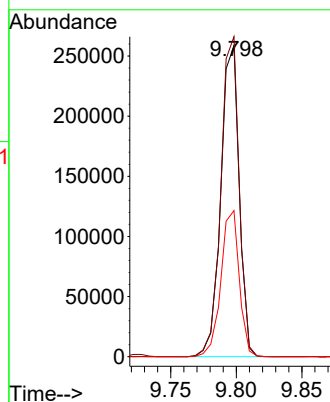
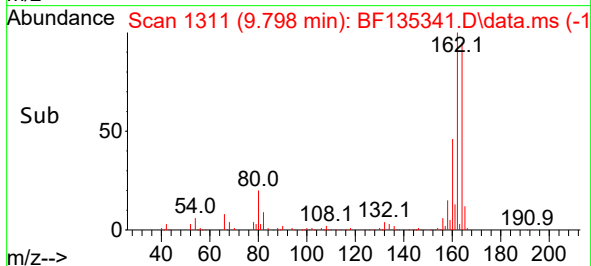
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.0	121.4
160	47.0	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.831 ng

RT: 8.916 min Scan# 1161

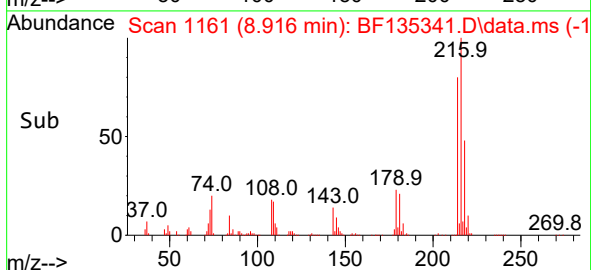
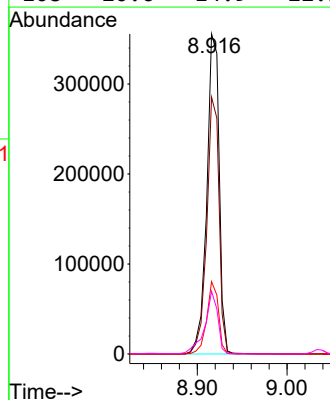
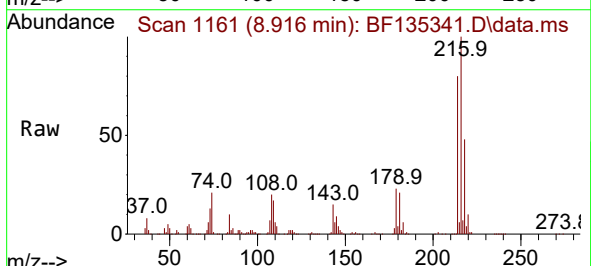
Delta R.T. -0.006 min

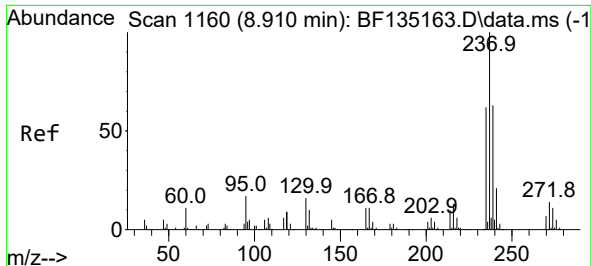
Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion:216 Resp: 341048

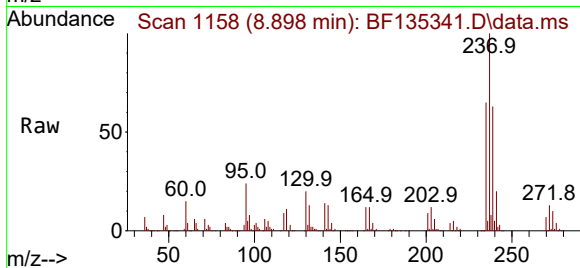
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	21.3	16.7	25.1
108	20.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 76.927 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

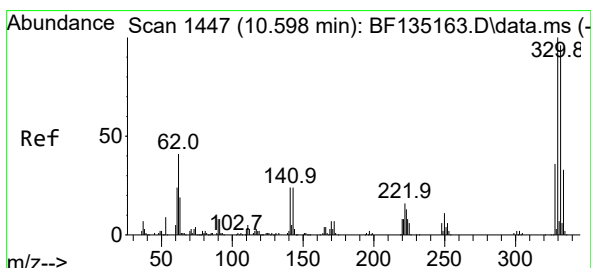
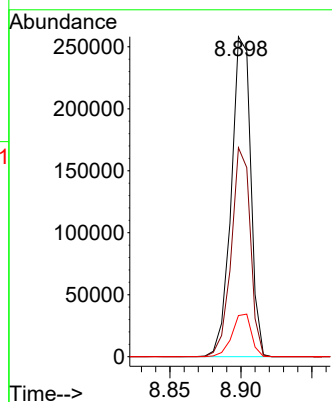
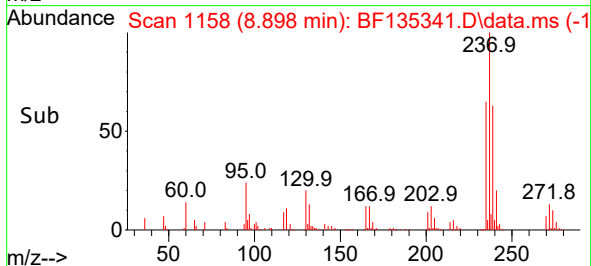
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



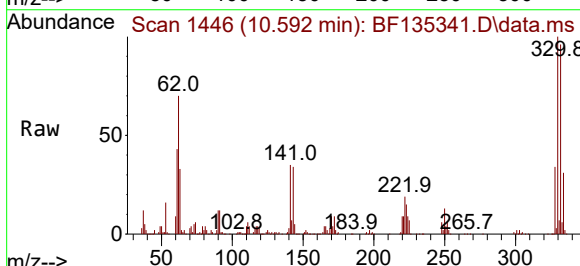
Tgt Ion: 237 Resp: 245848
Ion Ratio Lower Upper
237 100
235 65.3 41.8 81.8
272 12.9 0.0 33.6

Manual Integrations
APPROVED

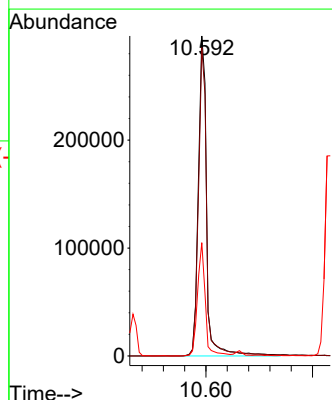
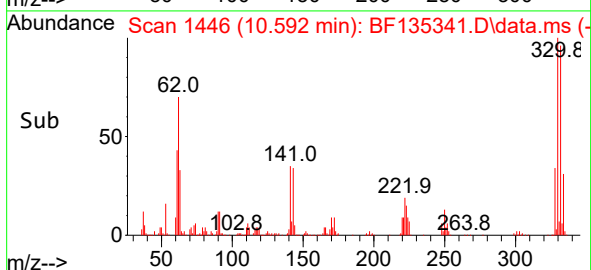
Reviewed By : Yogesh Patel 09/20/2023
Supervised By : mohammad ahmed 09/20/2023

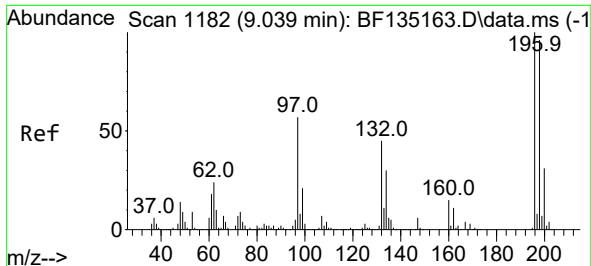


#42
2,4,6-Tribromophenol
Concen: 128.514 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



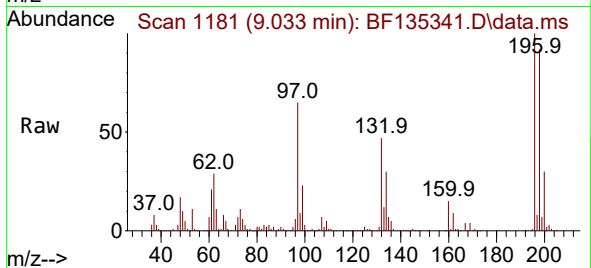
Tgt Ion: 330 Resp: 321038
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 48.900 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

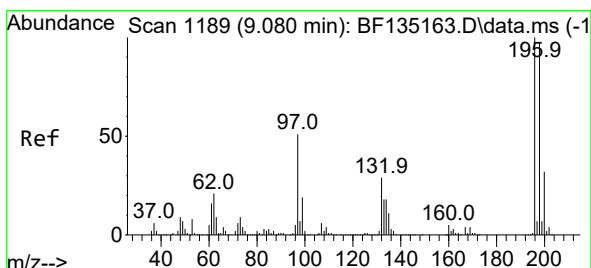
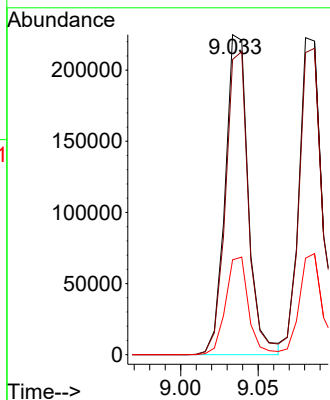
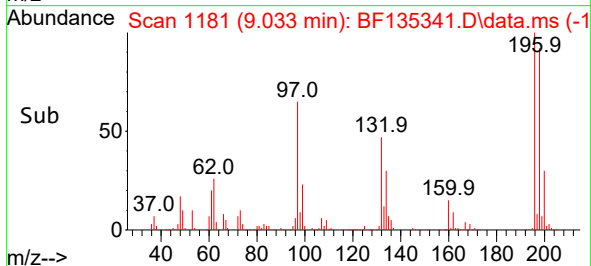
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:196 Resp: 233164
Ion Ratio Lower Upper
196 100
198 92.3 77.0 115.6
200 29.6 24.5 36.7

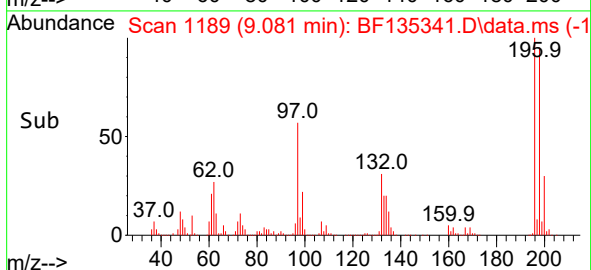
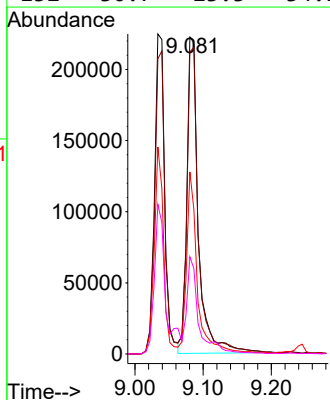
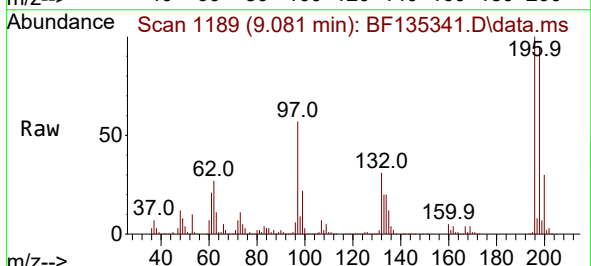
Manual Integrations
APPROVED

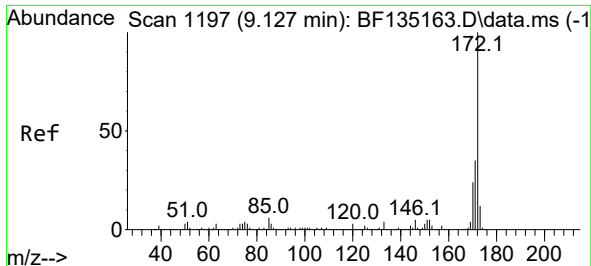
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#44
2,4,5-Trichlorophenol
Concen: 47.685 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

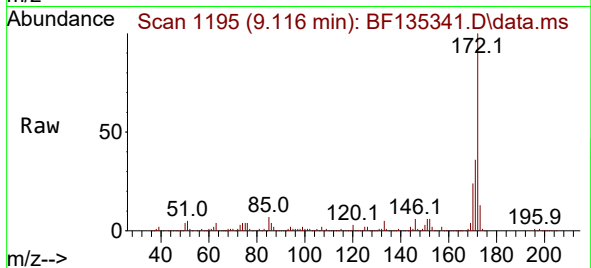
Tgt Ion:196 Resp: 261842
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 57.4 40.5 60.7
132 30.7 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 84.300 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

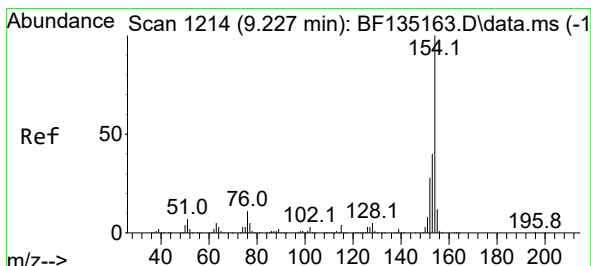
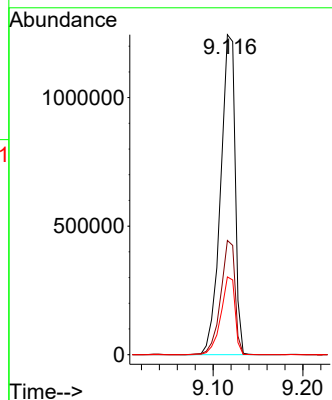
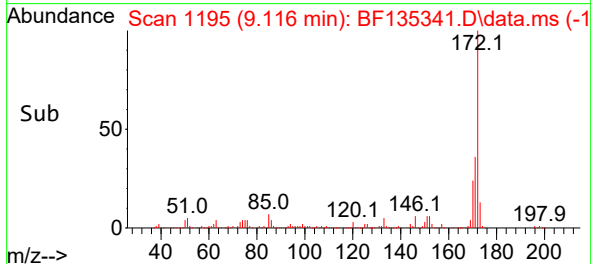
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:172 Resp: 140456
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.3 19.0 28.4

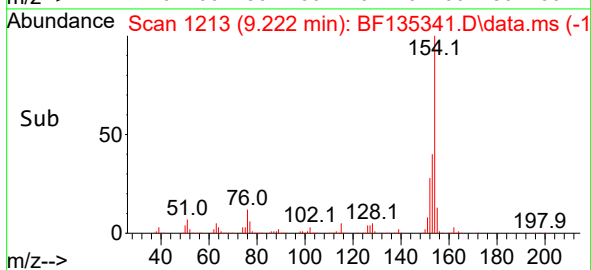
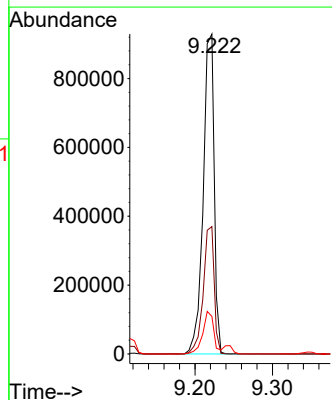
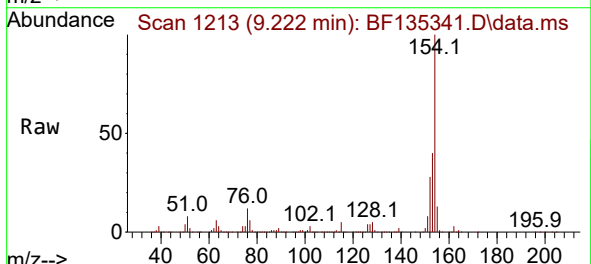
Manual Integrations
APPROVED

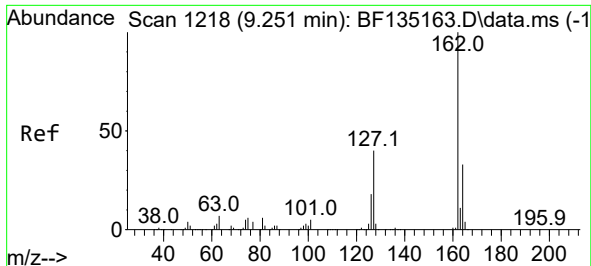
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#46
1,1'-Biphenyl
Concen: 47.480 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:154 Resp: 917209
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 11.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.365 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

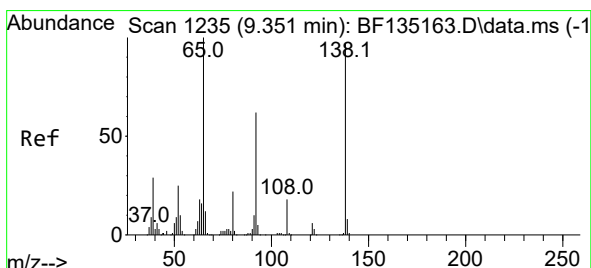
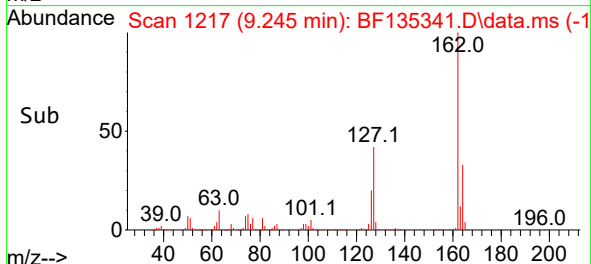
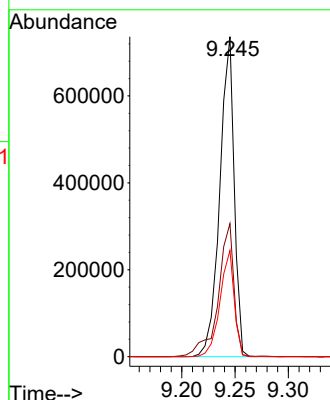
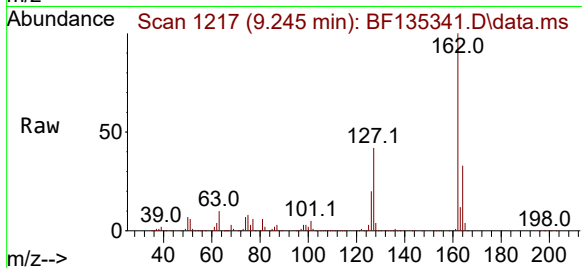
Tgt Ion:	162	Resp:	69190
Ion Ratio	Lower	Upper	
162	100		
127	41.6	32.6	48.8
164	33.2	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#48

2-Nitroaniline

Concen: 52.318 ng

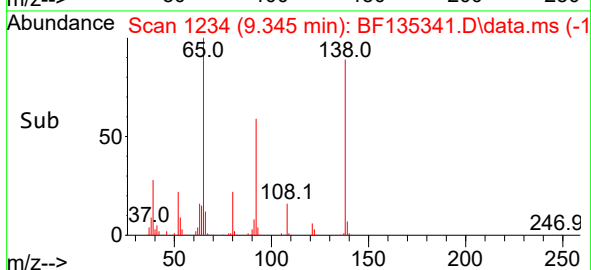
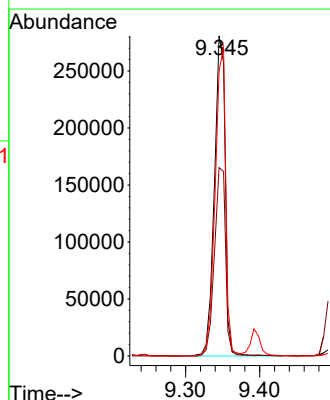
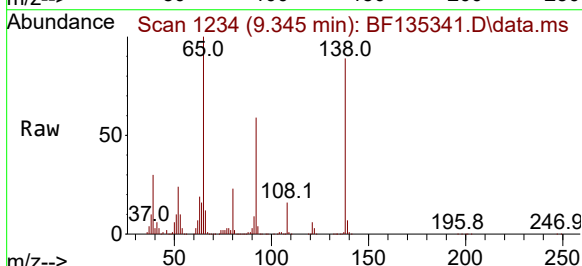
RT: 9.345 min Scan# 1234

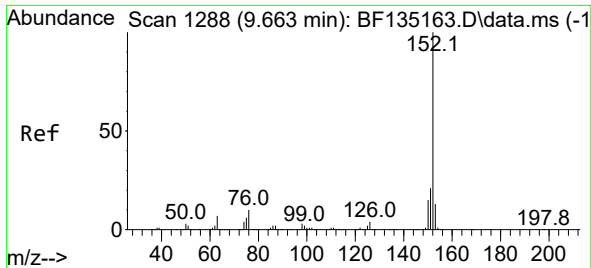
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

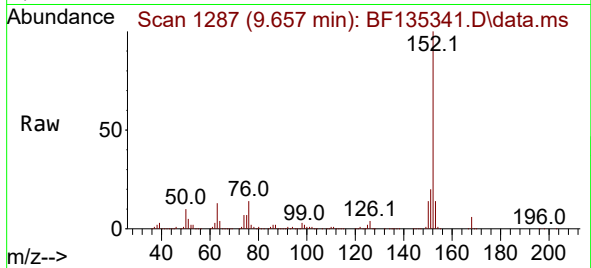
Tgt Ion:	65	Resp:	284886
Ion Ratio	Lower	Upper	
65	100		
92	58.9	49.4	74.0
138	89.0	77.4	116.0





#49
Acenaphthylene
Concen: 48.097 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

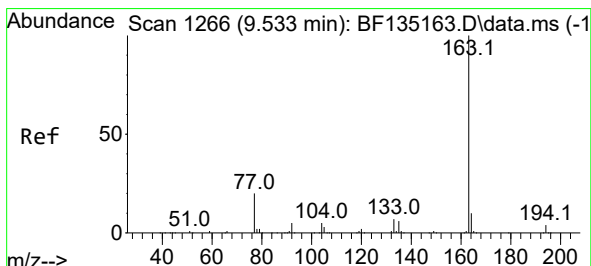
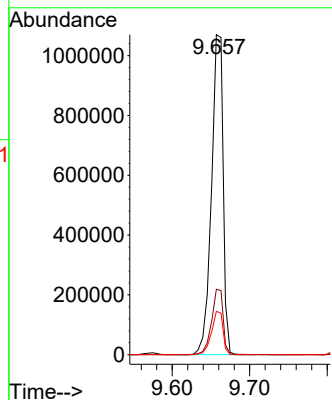
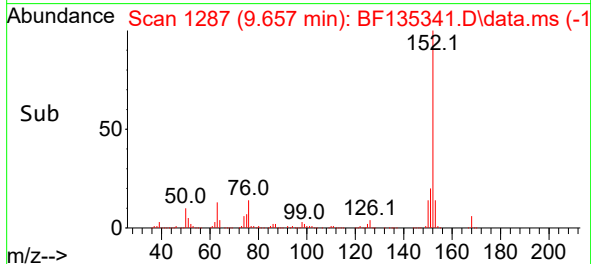
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



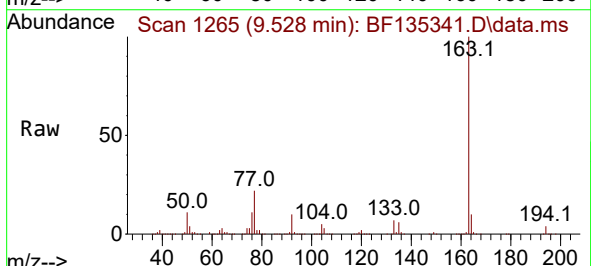
Tgt Ion:152 Resp: 1120369
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 10.4 15.6

Manual Integrations
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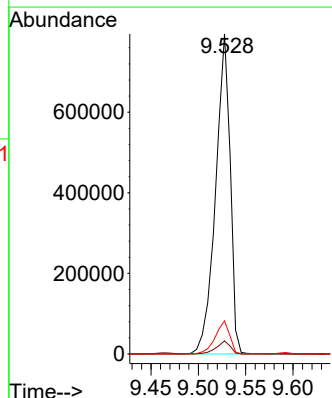
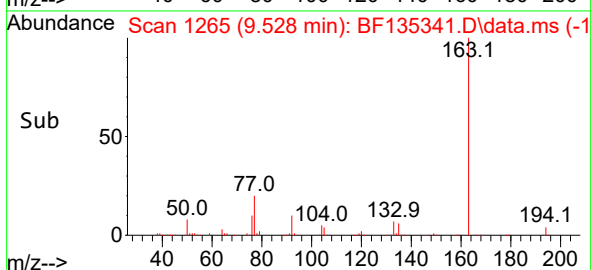
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

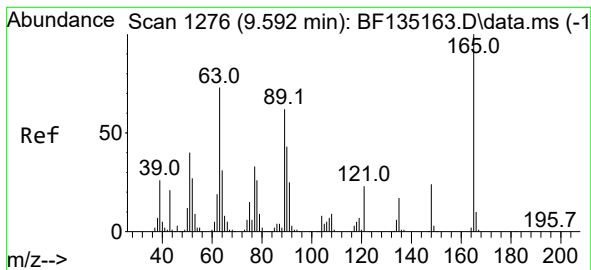


#50
Dimethylphthalate
Concen: 50.000 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



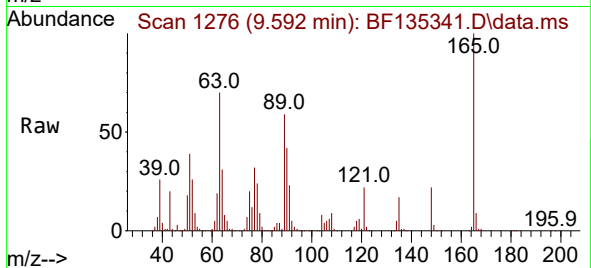
Tgt Ion:163 Resp: 849782
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.837 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

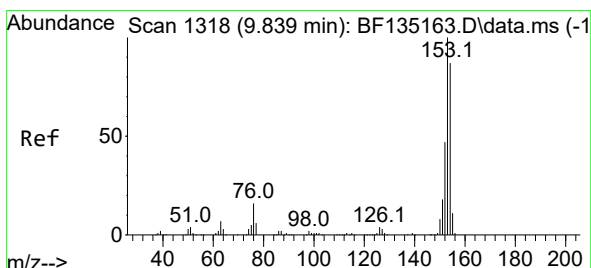
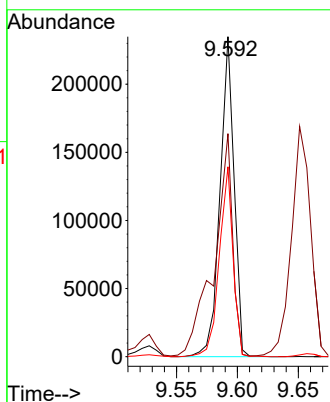
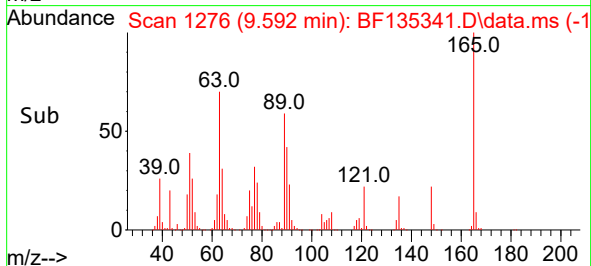
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:165 Resp: 18927
Ion Ratio Lower Upper
165 100
63 69.7 59.4 89.2
89 59.4 49.8 74.8

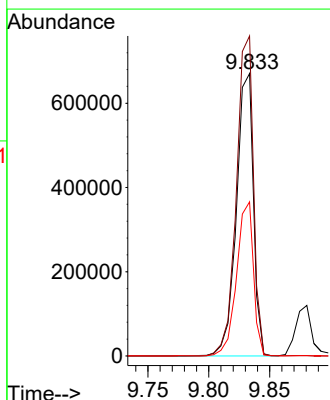
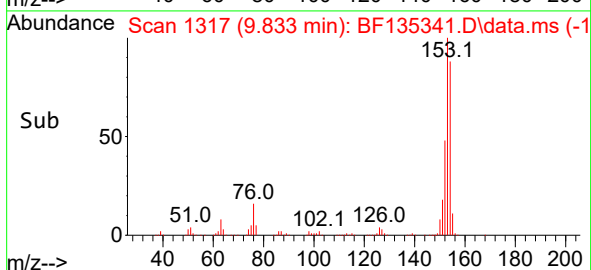
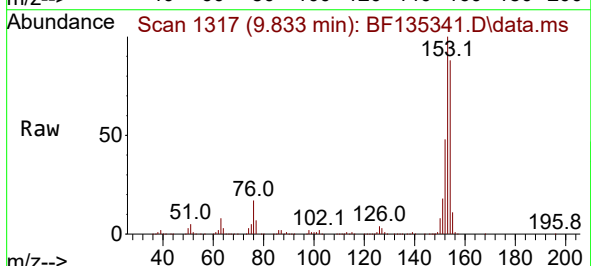
Manual Integrations
APPROVED

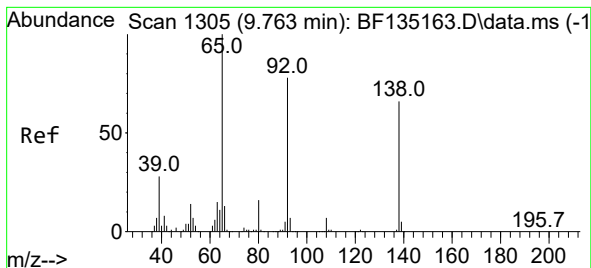
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#52
Acenaphthene
Concen: 47.444 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:154 Resp: 652873
Ion Ratio Lower Upper
154 100
153 113.3 92.1 138.1
152 54.6 43.1 64.7





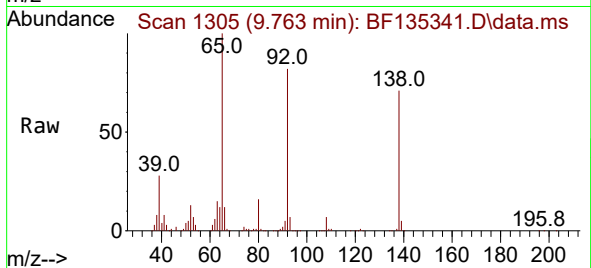
#53
3-Nitroaniline
Concen: 38.720 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



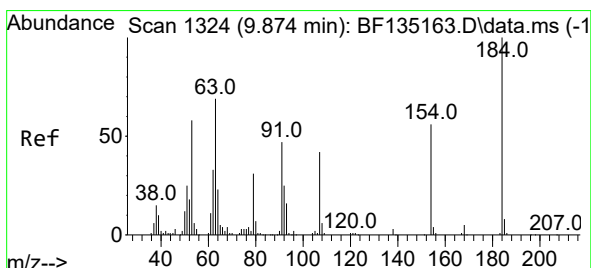
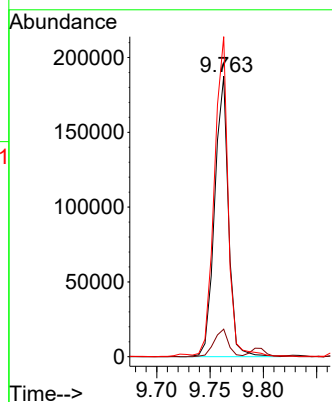
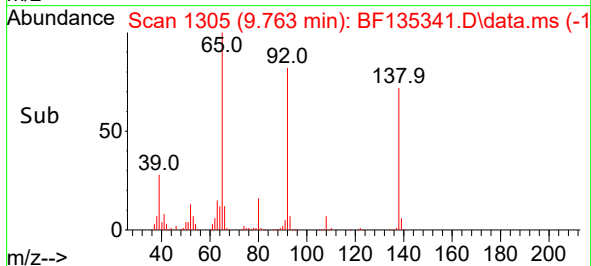
Tgt Ion:138 Resp: 169219
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 114.2 95.4 143.0

Manual Integrations

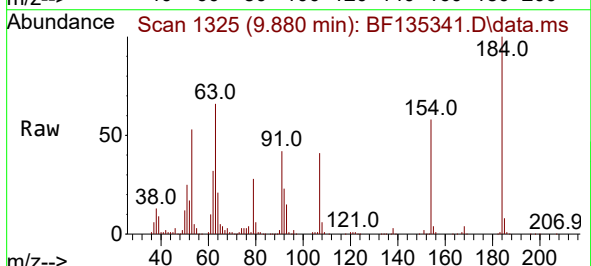
APPROVED

Reviewed By :Yogesh Patel 09/20/2023

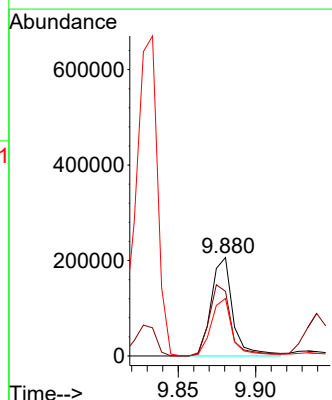
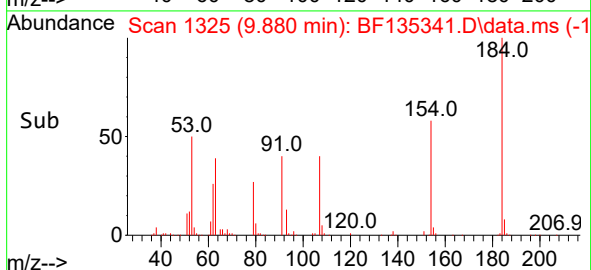
Supervised By :mohammad ahmed 09/20/2023

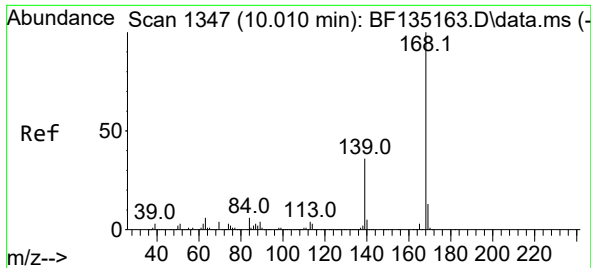


#54
2,4-Dinitrophenol
Concen: 93.600 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



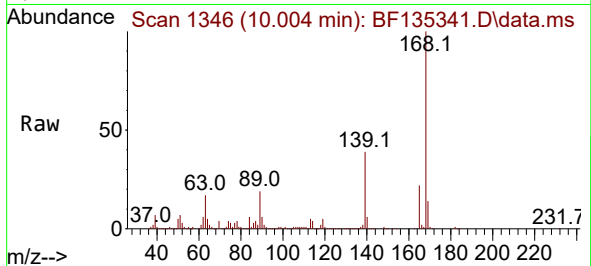
Tgt Ion:184 Resp: 200270
Ion Ratio Lower Upper
184 100
63 65.7 55.1 82.7
154 58.3 48.4 72.6





#55
Dibenzenofuran
Concen: 44.889 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

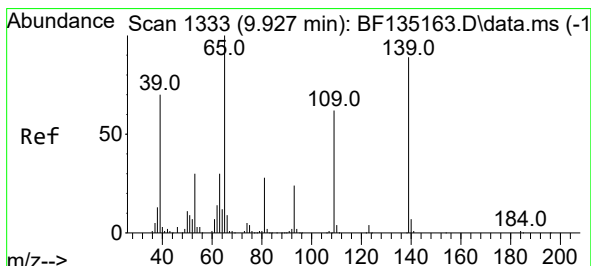
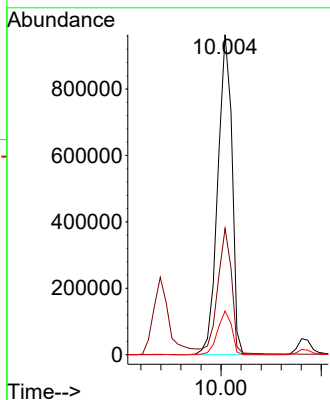
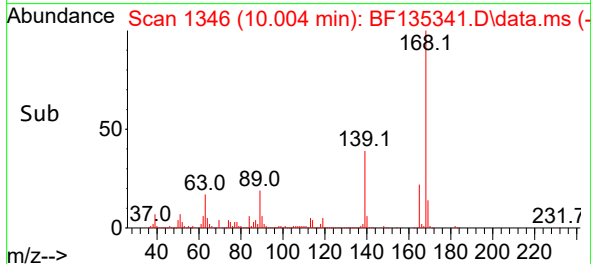
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:168 Resp: 942608
Ion Ratio Lower Upper
168 100
139 39.5 29.0 43.6
169 13.6 10.4 15.6

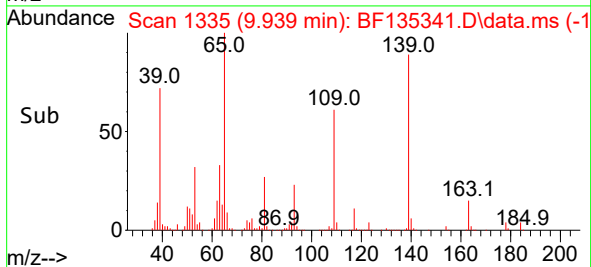
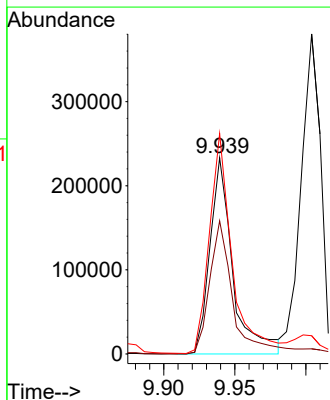
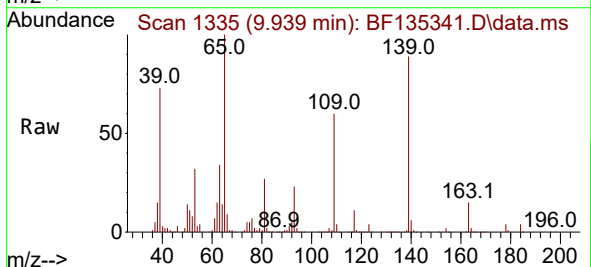
Manual Integrations
APPROVED

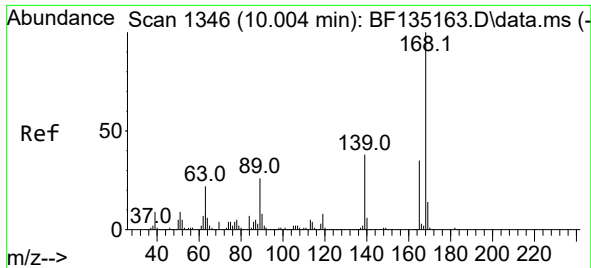
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#56
4-Nitrophenol
Concen: 94.073 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

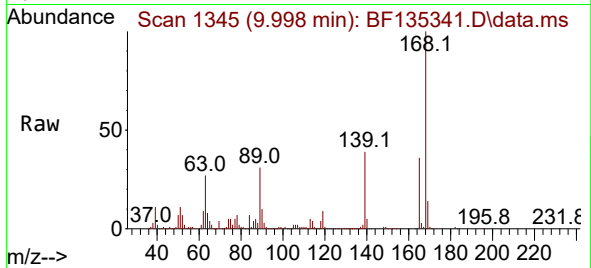
Tgt Ion:139 Resp: 261298
Ion Ratio Lower Upper
139 100
109 67.9 49.8 89.8
65 112.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 47.292 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

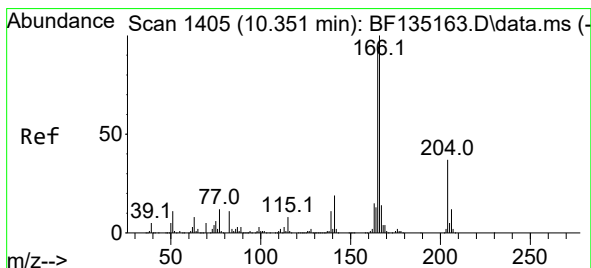
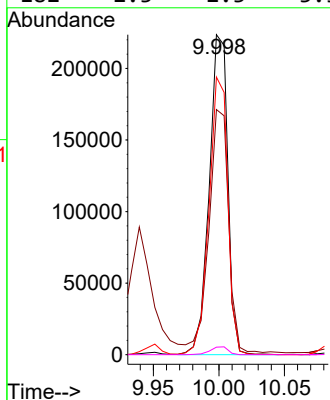
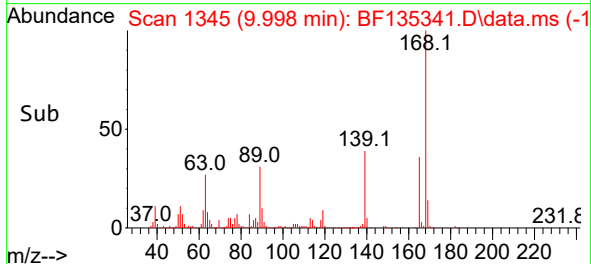
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:165 Resp: 220430
Ion Ratio Lower Upper
165 100
63 76.6 50.1 75.1
89 86.7 59.3 88.9
182 2.3 2.3 3.5

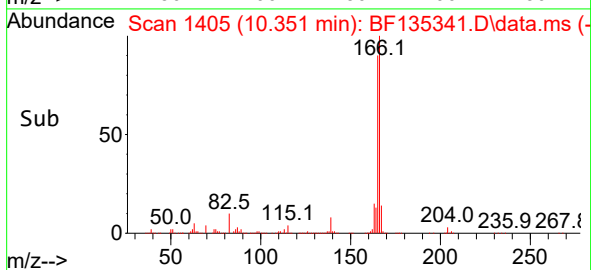
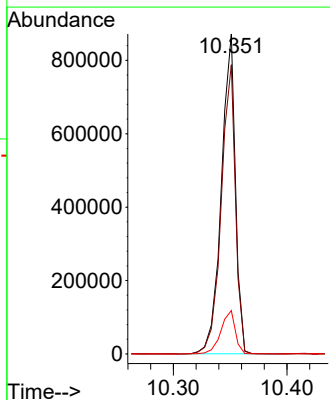
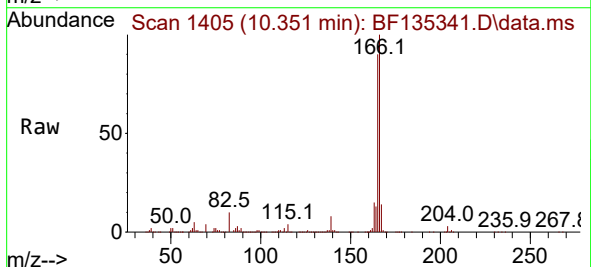
Manual Integrations
APPROVED

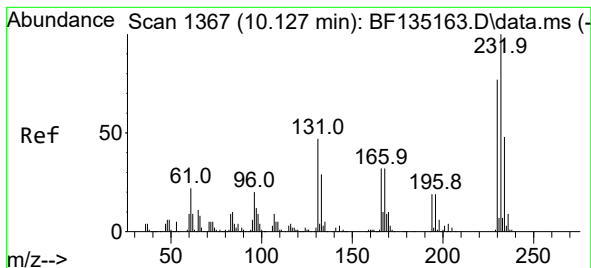
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#58
Fluorene
Concen: 46.565 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

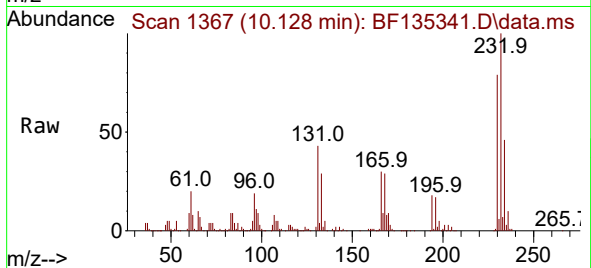
Tgt Ion:166 Resp: 751699
Ion Ratio Lower Upper
166 100
165 90.4 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.625 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

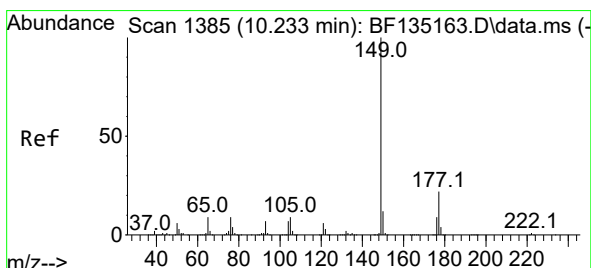
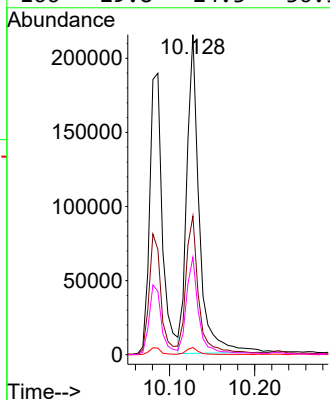
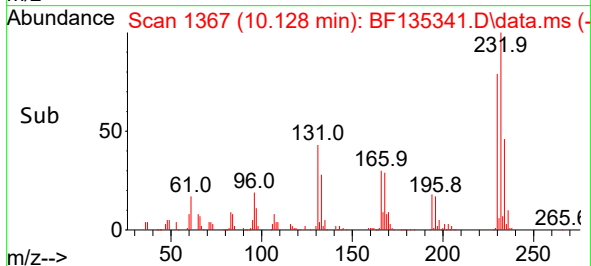
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:232 Resp: 218062
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.0 1.8 2.8
166 29.8 24.3 36.5

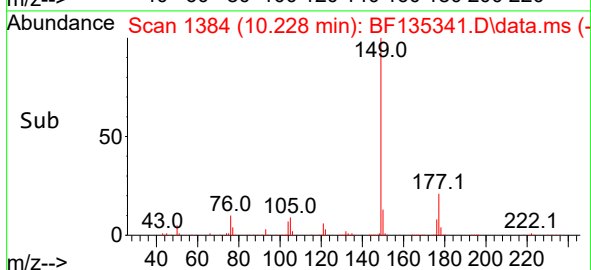
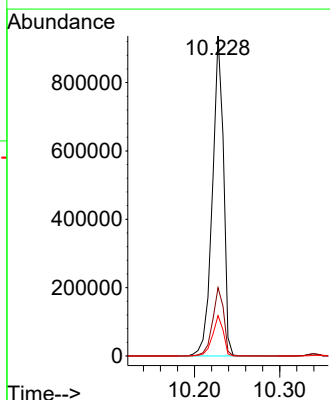
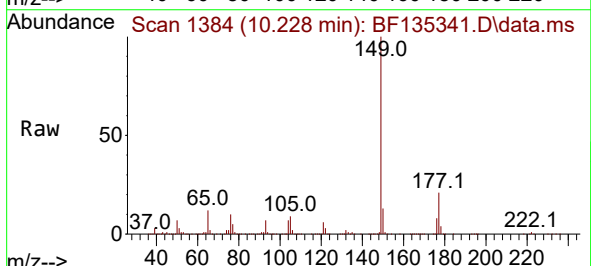
Manual Integrations
APPROVED

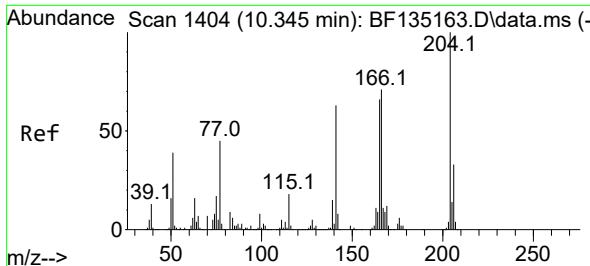
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#60
Diethylphthalate
Concen: 49.824 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

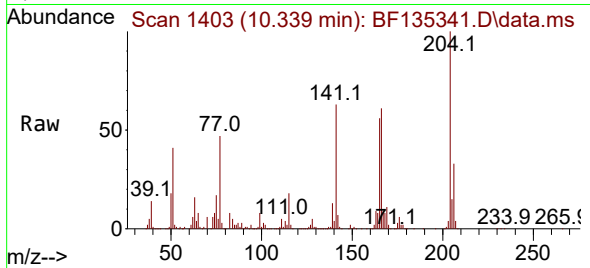
Tgt Ion:149 Resp: 849819
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.708 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

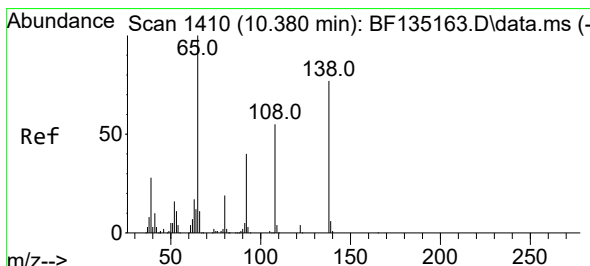
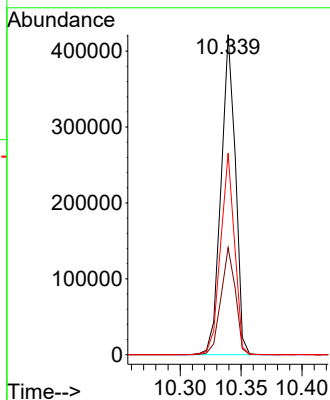
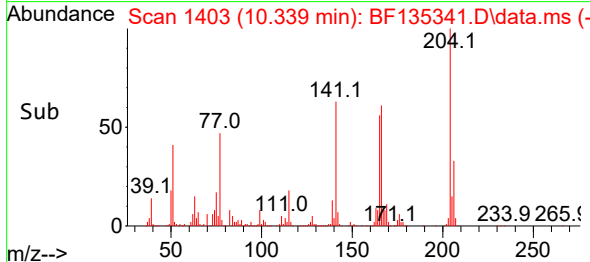
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:204 Resp: 34669
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 63.0 50.6 75.8

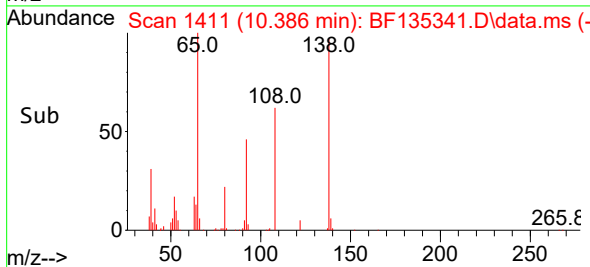
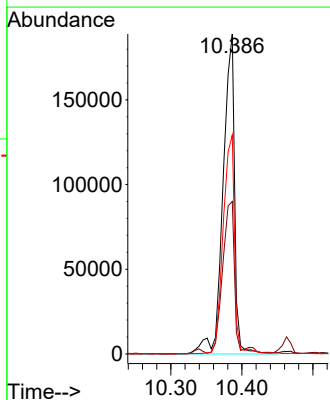
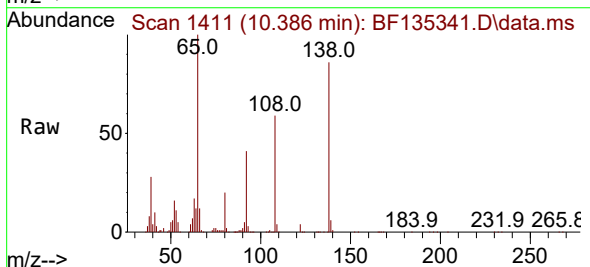
Manual Integrations
APPROVED

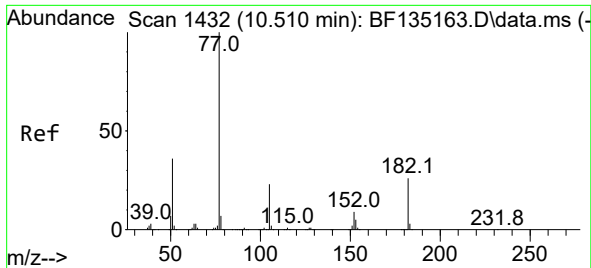
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#62
4-Nitroaniline
Concen: 50.701 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

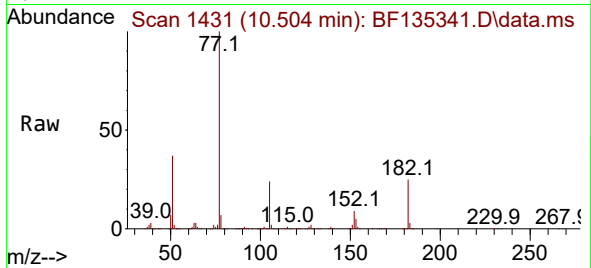
Tgt Ion:138 Resp: 212995
Ion Ratio Lower Upper
138 100
92 47.6 31.8 71.8
108 68.4 52.0 92.0





#63
Azobenzene
Concen: 51.060 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

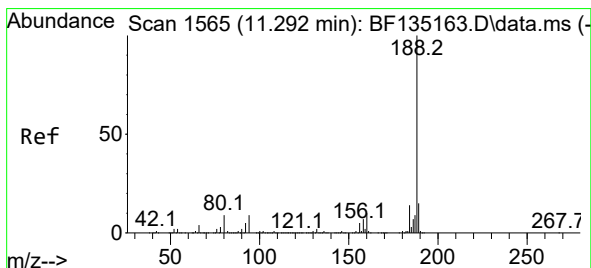
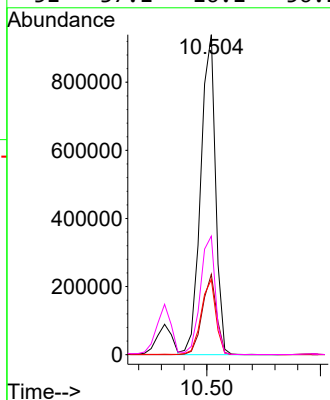
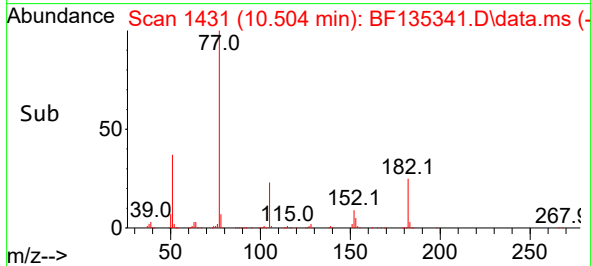
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



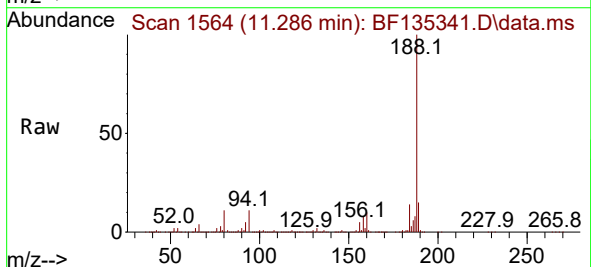
Tgt Ion: 77 Resp: 852349
Ion Ratio Lower Upper
77 100
182 25.1 6.4 46.4
105 23.5 3.1 43.1
51 37.1 16.1 56.1

Manual Integrations
APPROVED

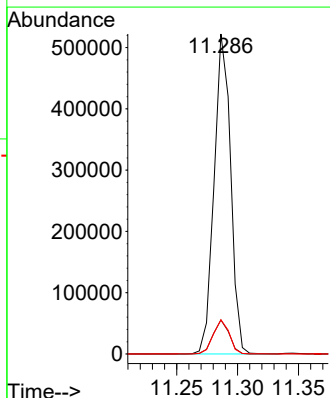
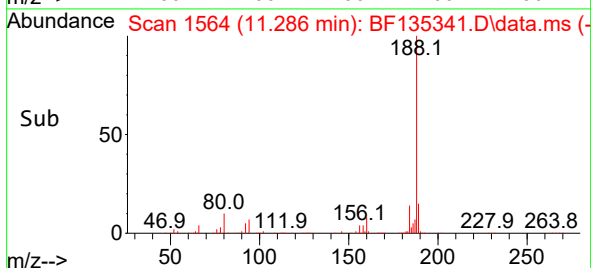
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

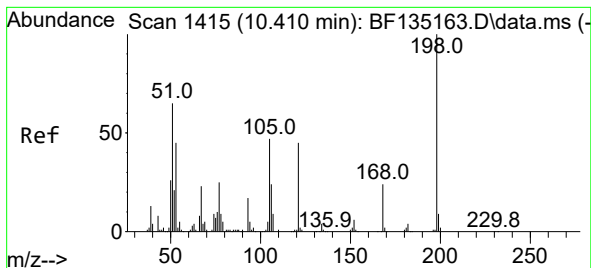


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



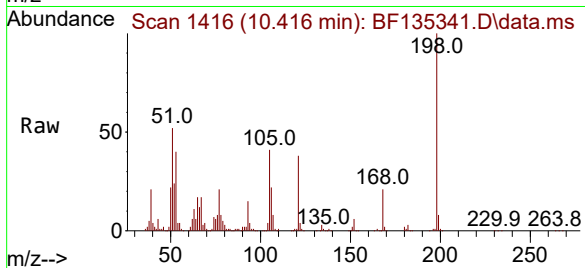
Tgt Ion:188 Resp: 492305
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 52.815 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

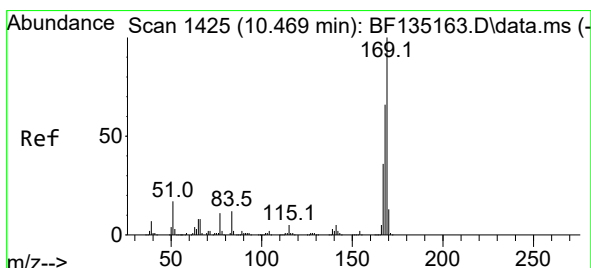
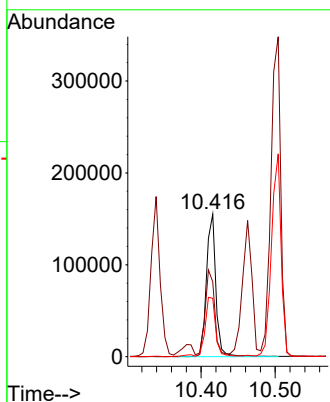
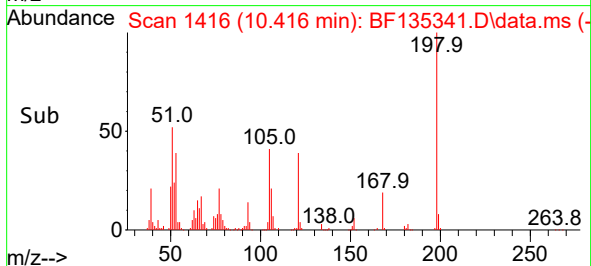
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



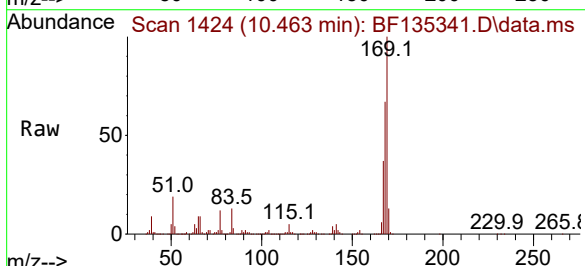
Tgt Ion:198 Resp: 138100
Ion Ratio Lower Upper
198 100
51 52.5 47.7 87.7
105 41.0 27.4 67.4

Manual Integrations
APPROVED

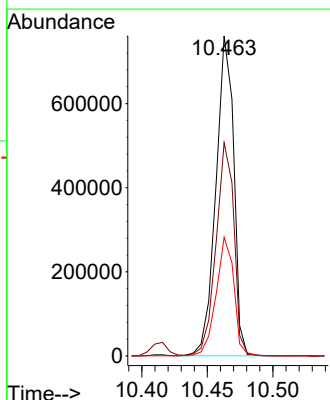
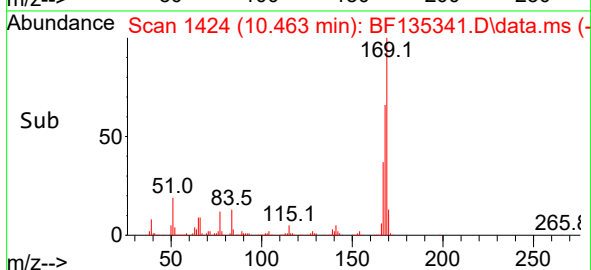
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

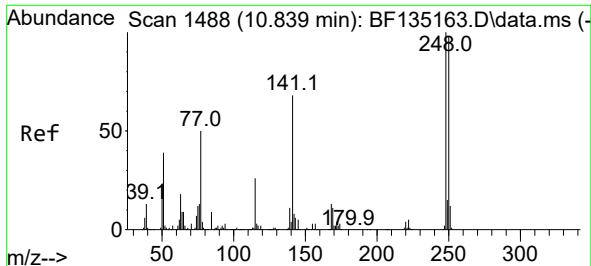


#66
n-Nitrosodiphenylamine
Concen: 48.181 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion:169 Resp: 718106
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 37.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 47.652 ng

RT: 10.833 min Scan# 1487

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

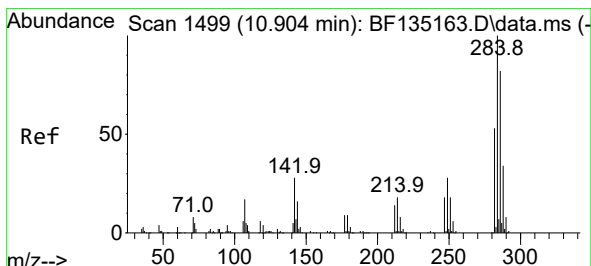
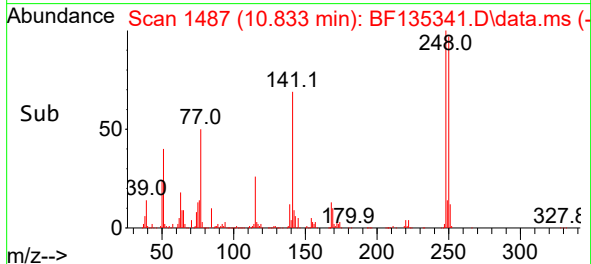
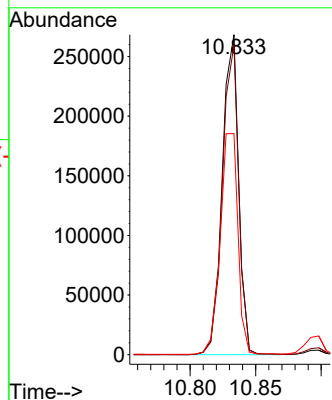
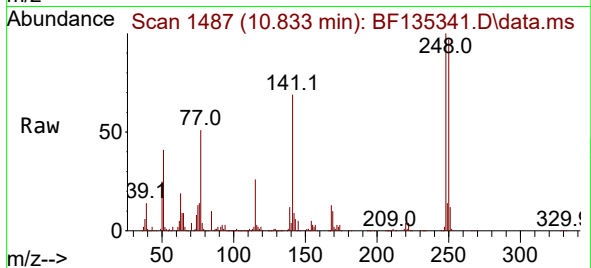
Tgt Ion:	248	Resp:	23332
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.6	117.8
141	69.1	54.2	81.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#68

Hexachlorobenzene

Concen: 50.133 ng

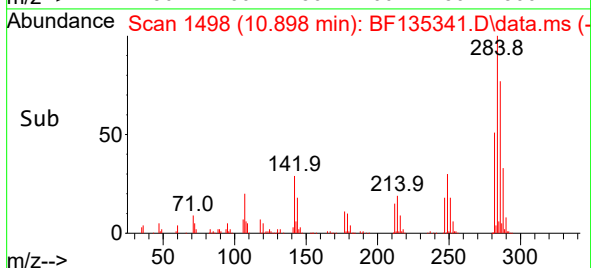
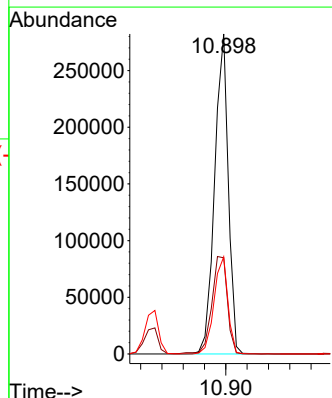
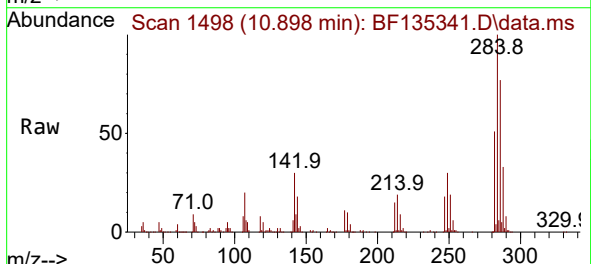
RT: 10.898 min Scan# 1498

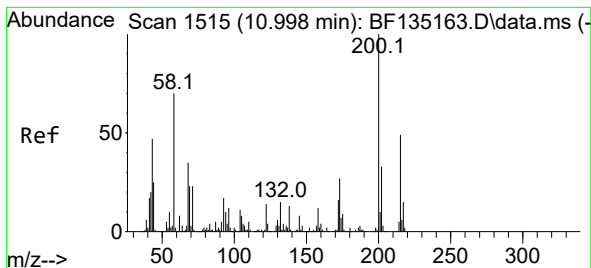
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Tgt Ion:	284	Resp:	250074
Ion Ratio	Lower	Upper	
284	100		
142	30.1	22.2	33.4
249	30.4	22.5	33.7





#69

Atrazine

Concen: 56.289 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135341.D

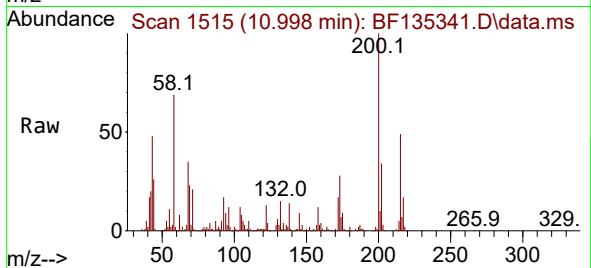
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD



Tgt Ion:200 Resp: 225738

Ion Ratio Lower Upper

200 100

173 28.1 7.4 47.4

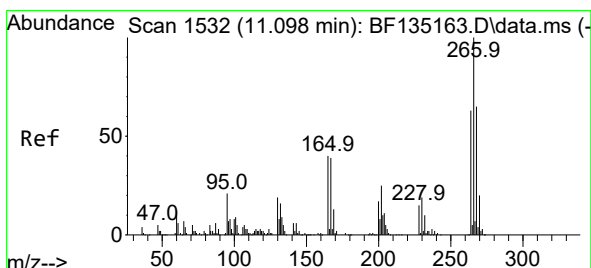
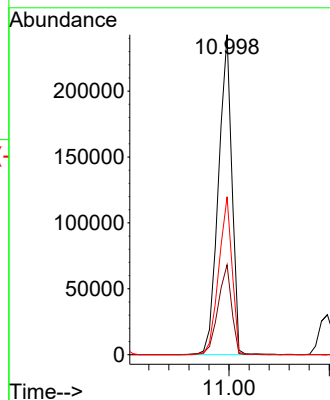
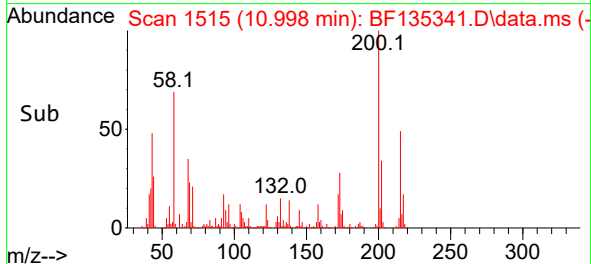
215 49.4 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#70

Pentachlorophenol

Concen: 75.951 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

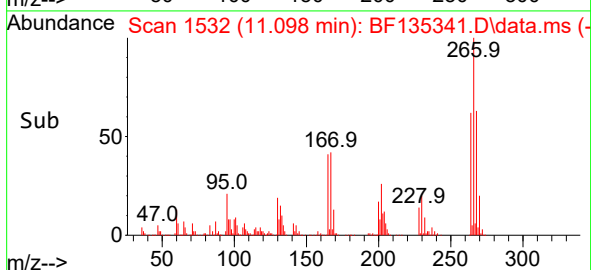
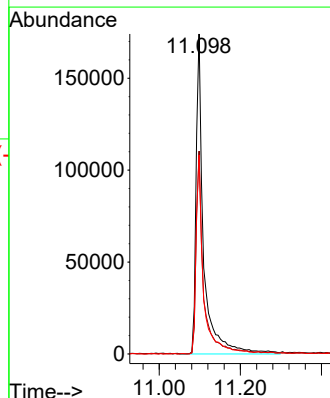
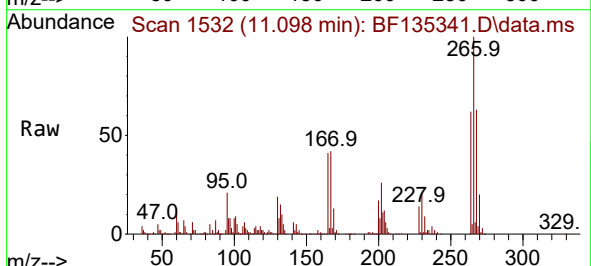
Tgt Ion:266 Resp: 226673

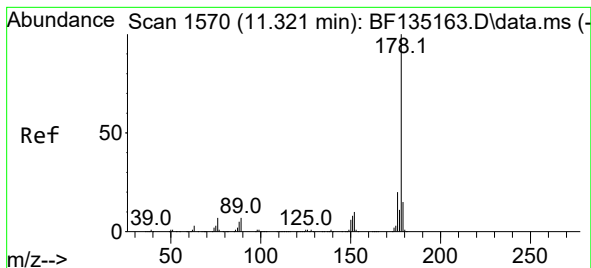
Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

264 62.2 50.8 76.2





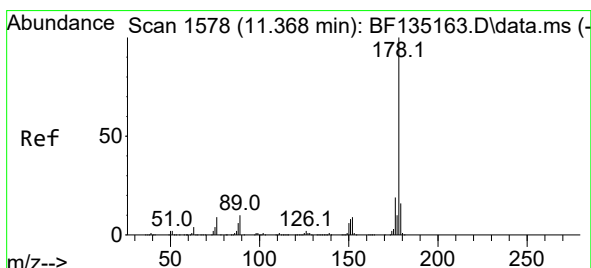
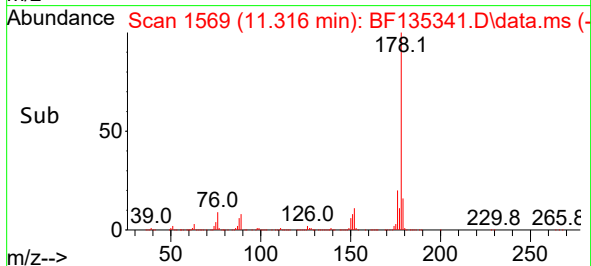
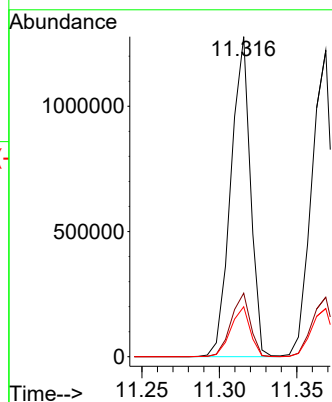
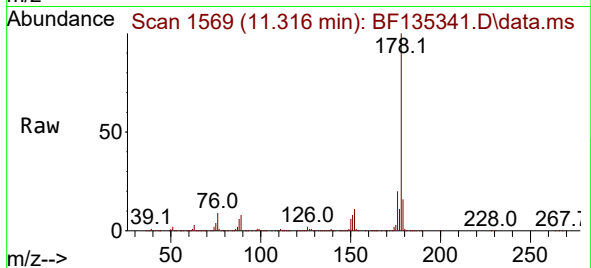
#71
Phenanthrene
Concen: 48.300 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :
BNA_F
ClientSampleId :
PB155592BSD

Tgt Ion:178 Resp: 112462
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.0 18.0

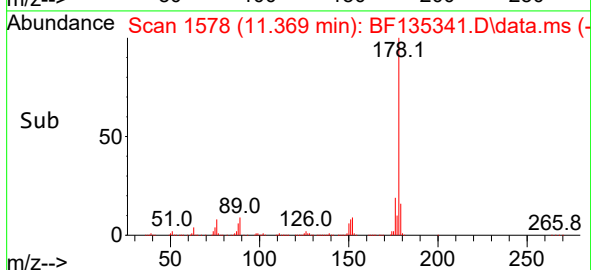
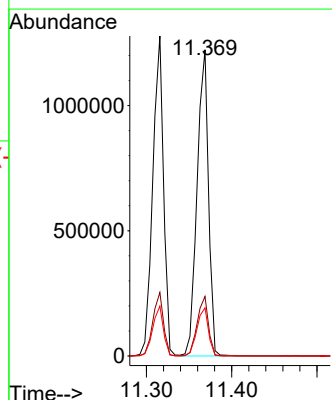
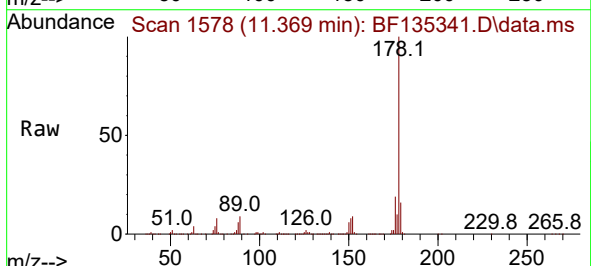
Manual Integrations
APPROVED

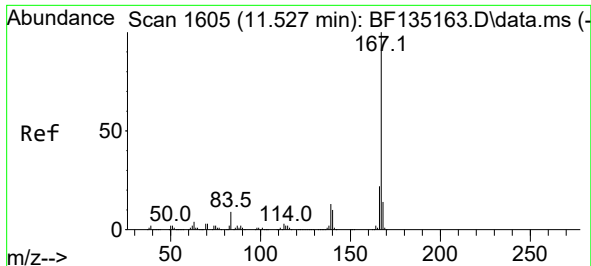
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#72
Anthracene
Concen: 47.523 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

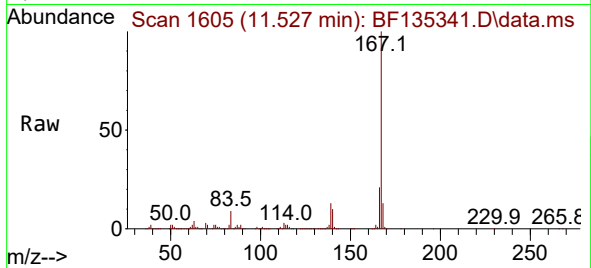
Tgt Ion:178 Resp: 1137373
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 49.968 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25

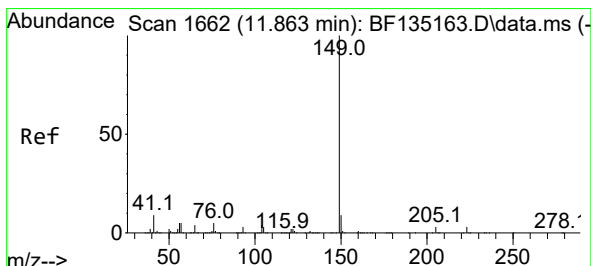
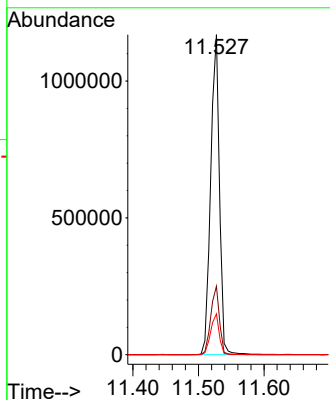
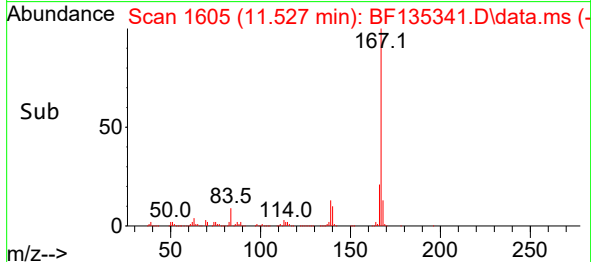
Instrument :
 BNA_F
 ClientSampleId :
 PB155592BSD



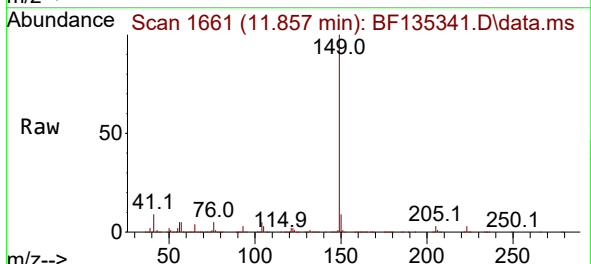
Tgt Ion:167 Resp: 108865
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

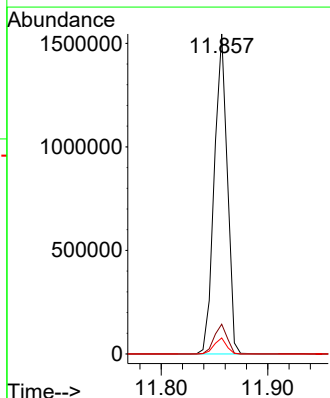
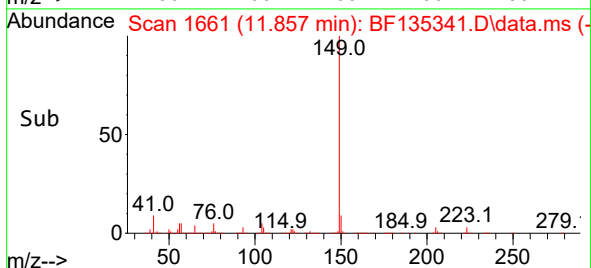
Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

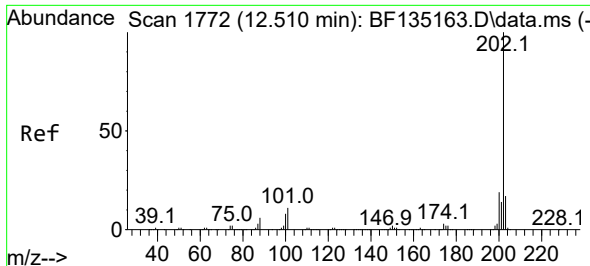


#74
 Di-n-butylphthalate
 Concen: 50.867 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135341.D
 Acq: 19 Sep 2023 18:25



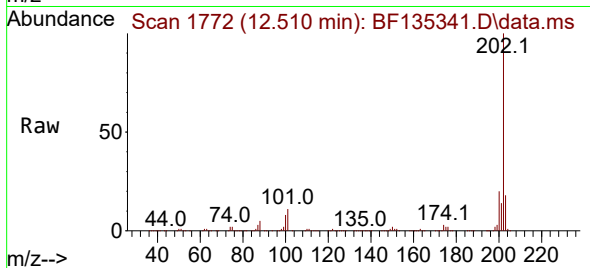
Tgt Ion:149 Resp: 1305892
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 48.847 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

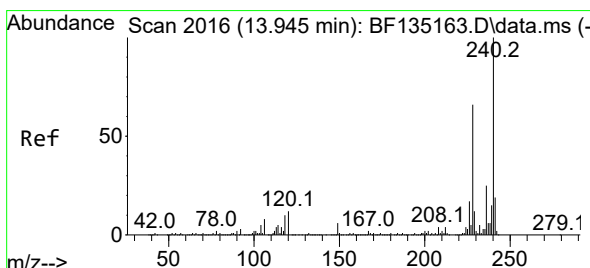
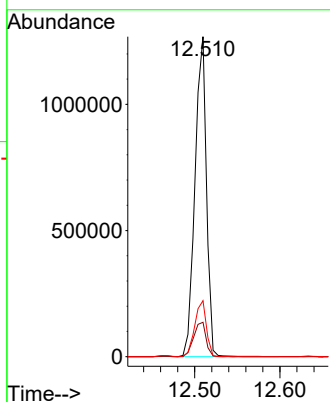
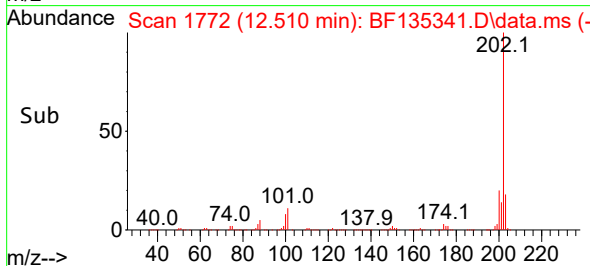
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



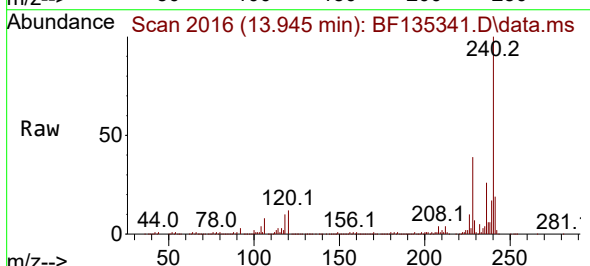
Tgt Ion:202 Resp: 1185090
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.3
203 17.5 0.0 37.4

Manual Integrations
APPROVED

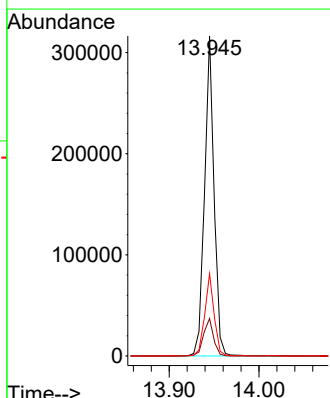
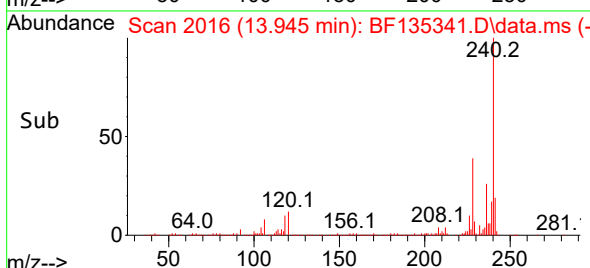
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

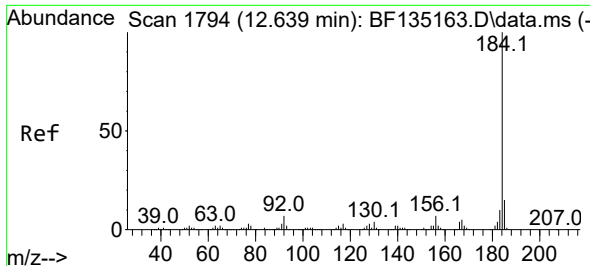


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



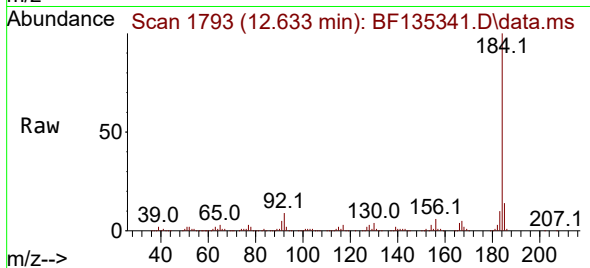
Tgt Ion:240 Resp: 232982
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.7 19.8 29.8





#77
Benzidine
Concen: 58.636 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

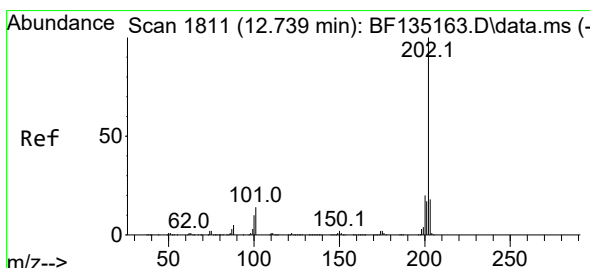
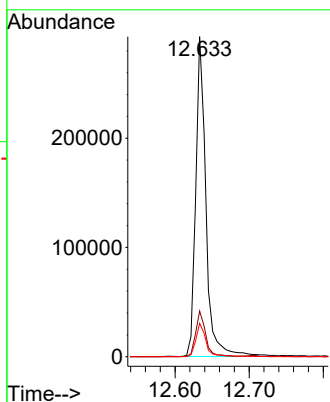
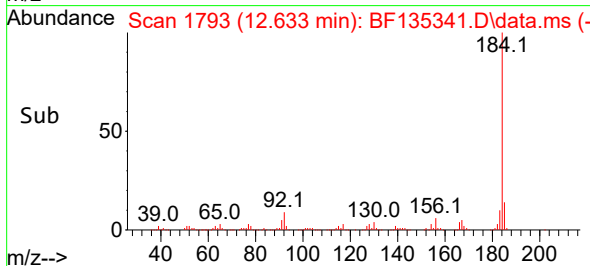
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:184 Resp: 27987
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.5 8.2 12.4

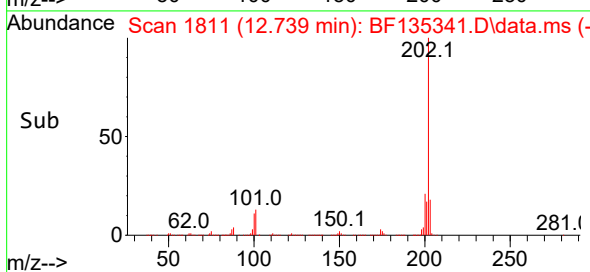
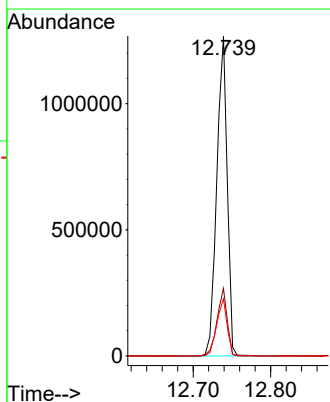
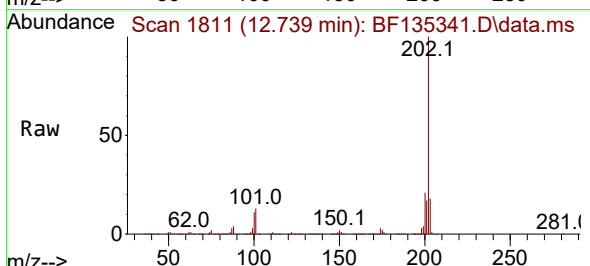
Manual Integrations
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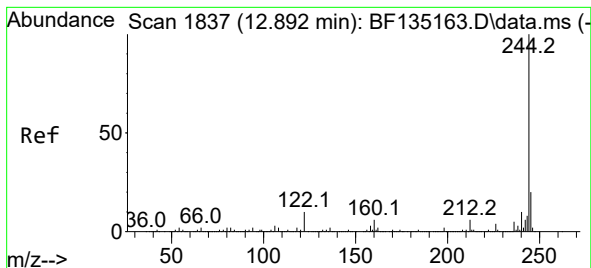
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#78
Pyrene
Concen: 53.395 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:202 Resp: 1184385
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 94.521 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

Tgt Ion:244 Resp: 1420584

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

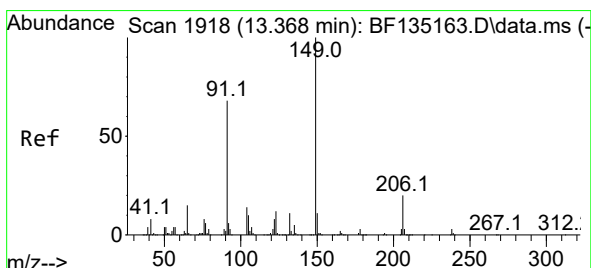
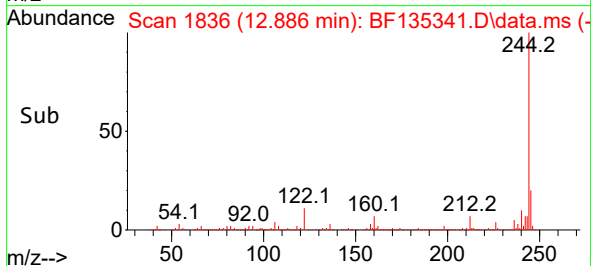
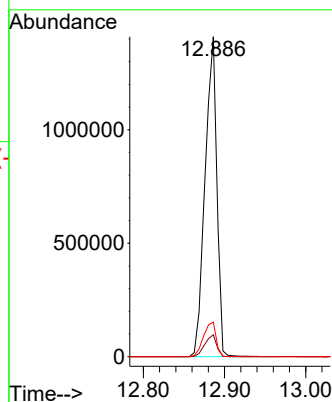
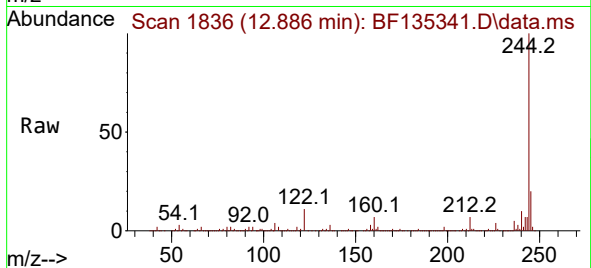
122 10.8 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#80

Butylbenzylphthalate

Concen: 60.879 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

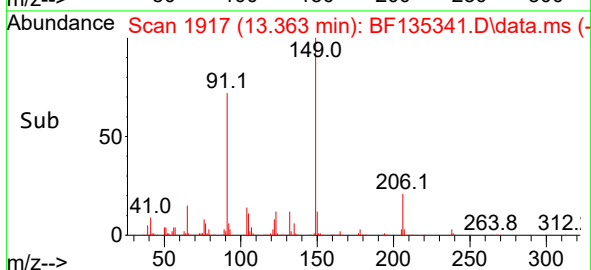
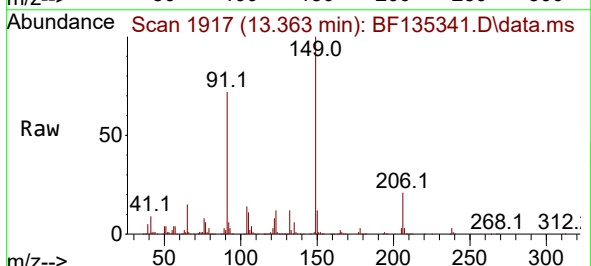
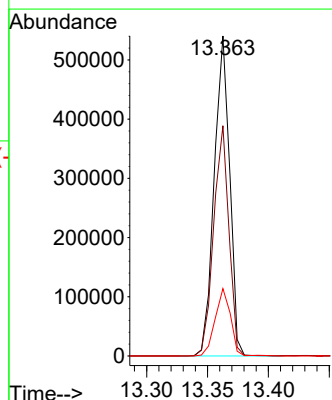
Tgt Ion:149 Resp: 475453

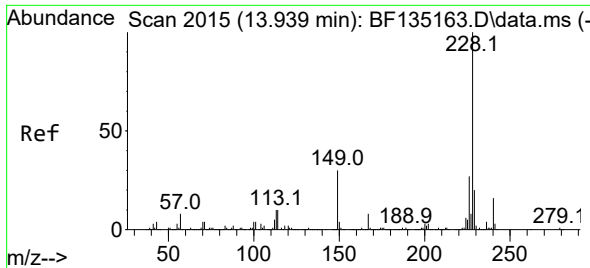
Ion Ratio Lower Upper

149 100

91 72.0 54.7 82.1

206 21.0 16.3 24.5





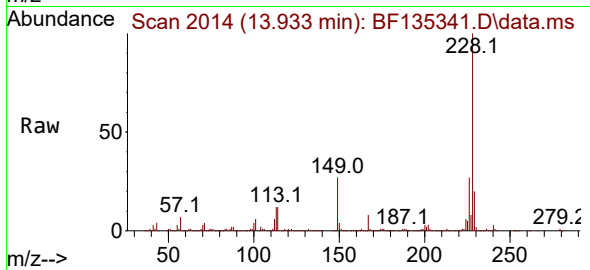
#81
Benzo(a)anthracene
Concen: 49.832 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

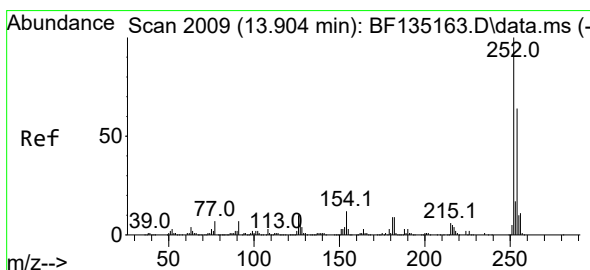
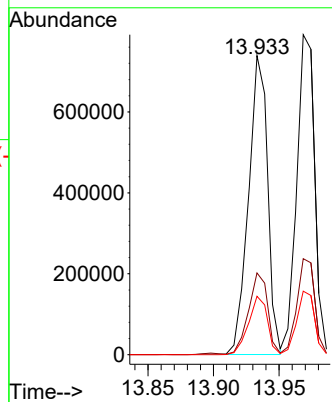
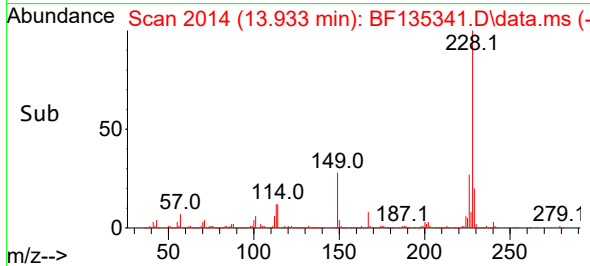


Tgt Ion:228 Resp: 74969
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.5 15.8 23.8

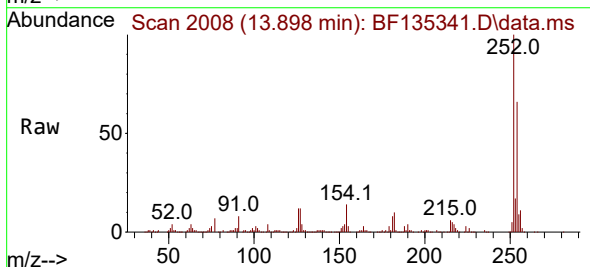
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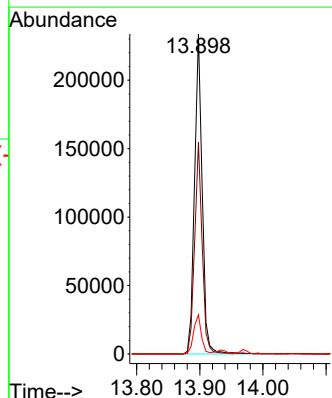
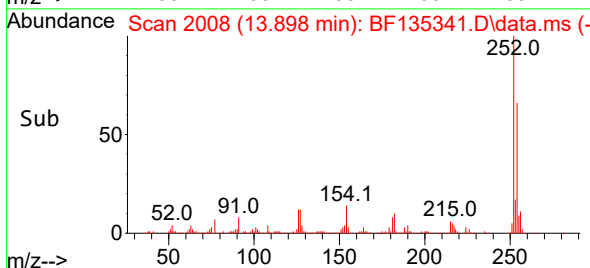
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

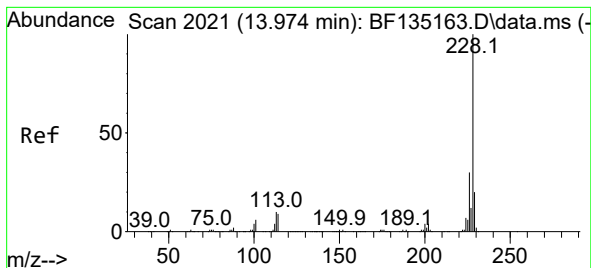


#82
3,3'-Dichlorobenzidine
Concen: 42.280 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion:252 Resp: 198677
Ion Ratio Lower Upper
252 100
254 66.3 51.0 76.4
126 12.2 7.8 11.8





#83

Chrysene

Concen: 50.337 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

PB155592BSD

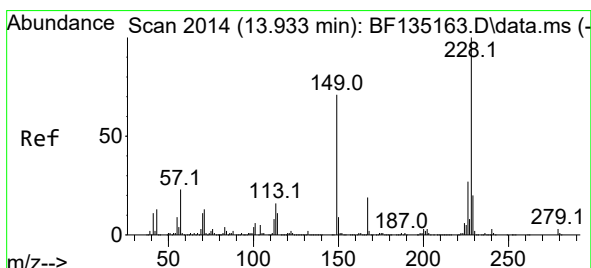
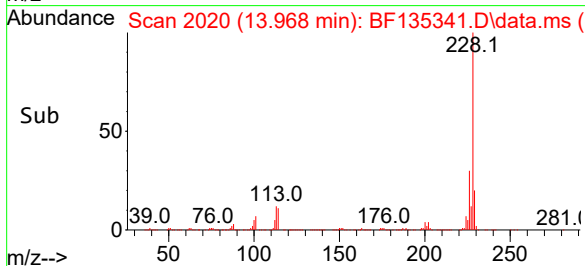
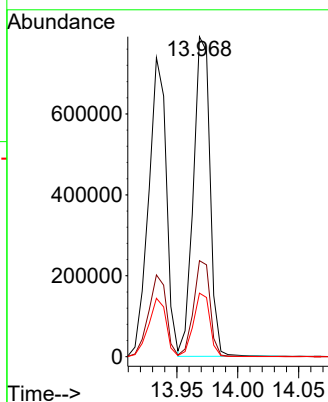
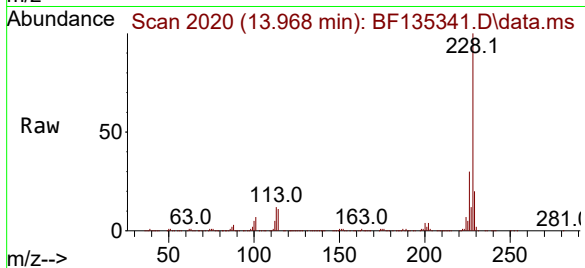
Tgt Ion:228	Resp: 752909
Ion Ratio	Lower Upper
228 100	
226 30.0	24.3 36.5
229 19.8	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :mohammad ahmed 09/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.034 ng

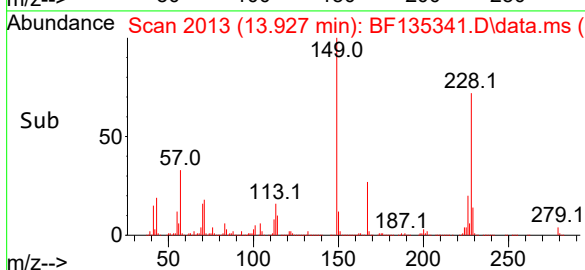
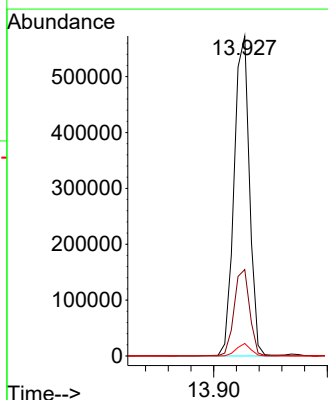
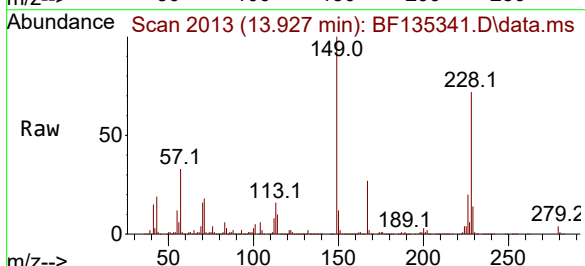
RT: 13.927 min Scan# 2013

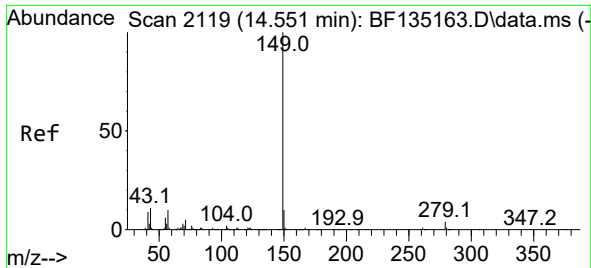
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

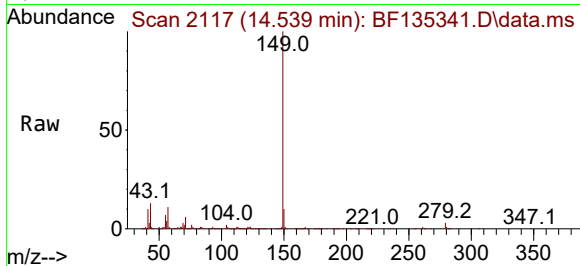
Tgt Ion:149	Resp: 537228
Ion Ratio	Lower Upper
149 100	
167 27.0	21.9 32.9
279 3.9	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 64.725 ng
RT: 14.539 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

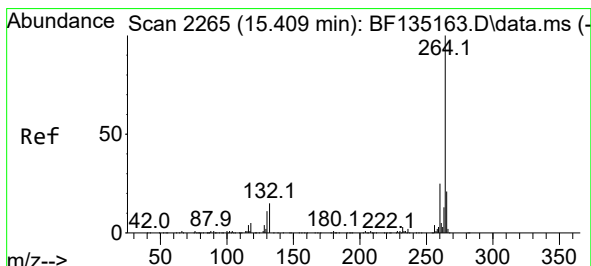
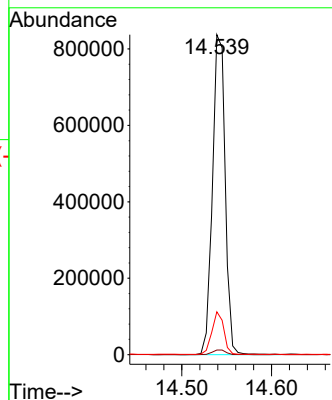
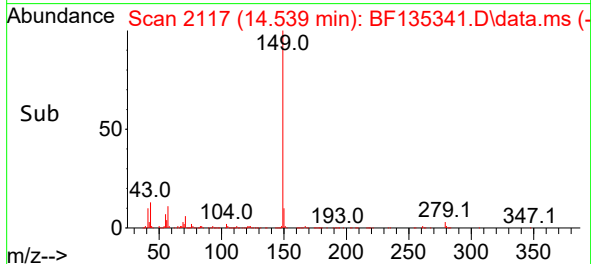
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:149 Resp: 82434
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.4 9.8 14.6

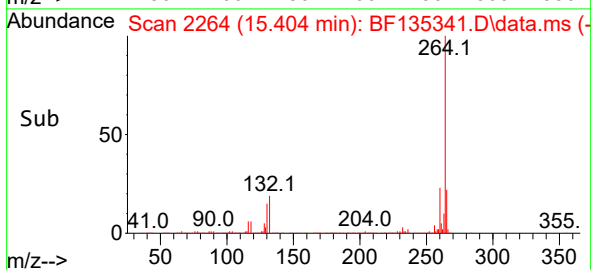
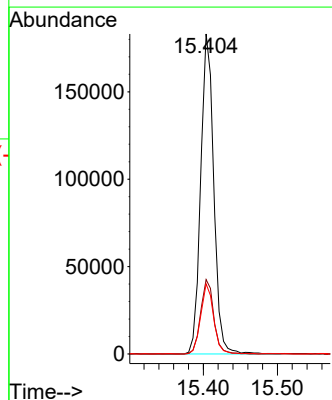
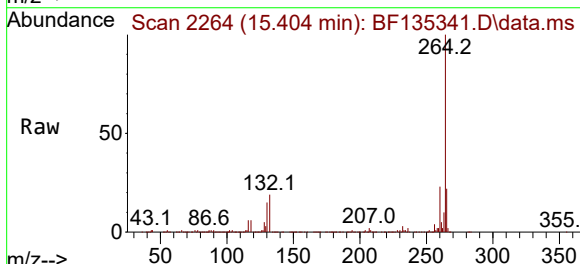
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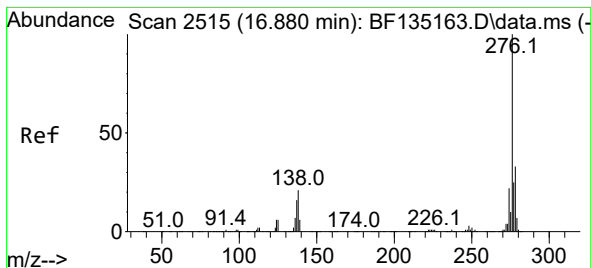
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

Tgt Ion:264 Resp: 224093
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.6
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.181 ng

RT: 16.886 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

Instrument :

BNA_F

ClientSampleId :

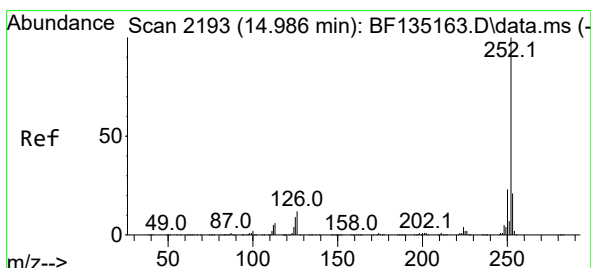
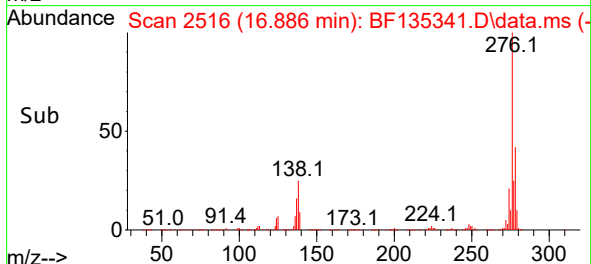
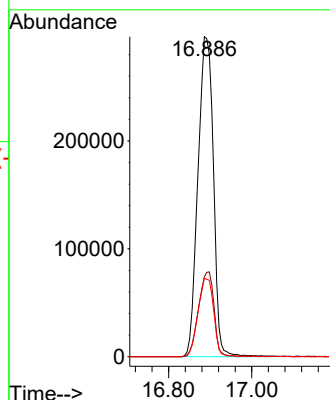
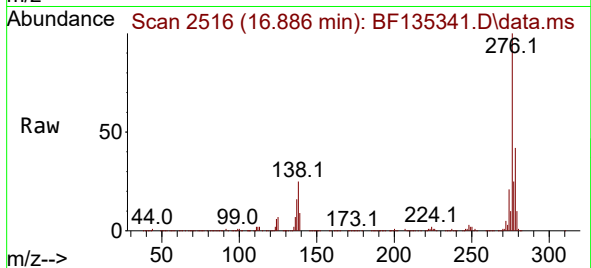
PB155592BSD

Tgt Ion:276 Resp: 766694
 Ion Ratio Lower Upper
 276 100
 138 26.6 19.2 28.8
 277 24.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023



#88

Benzo(b)fluoranthene

Concen: 54.809 ng

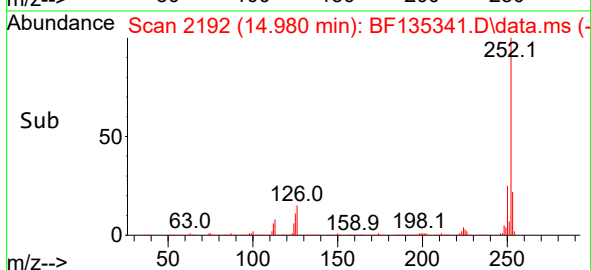
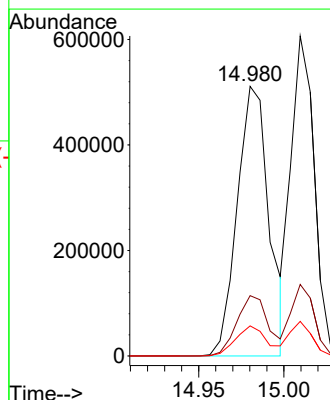
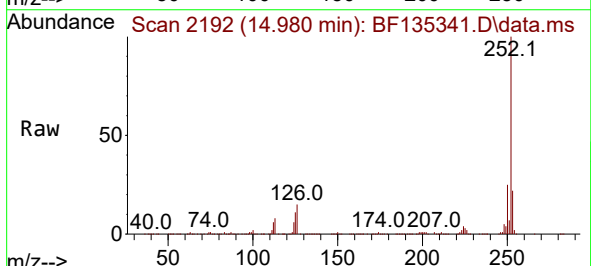
RT: 14.980 min Scan# 2192

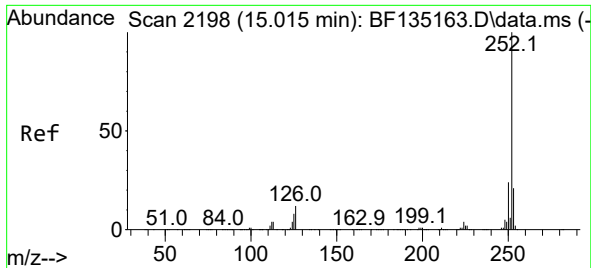
Delta R.T. -0.006 min

Lab File: BF135341.D

Acq: 19 Sep 2023 18:25

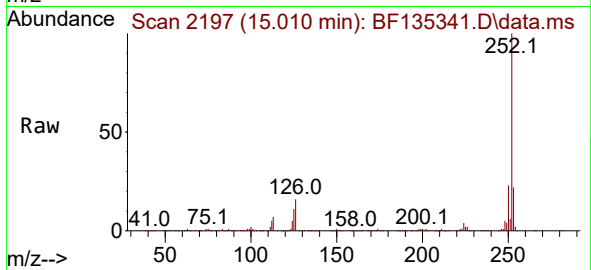
Tgt Ion:252 Resp: 664885
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 11.1 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 48.613 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

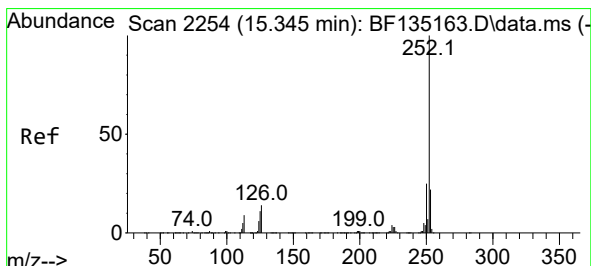
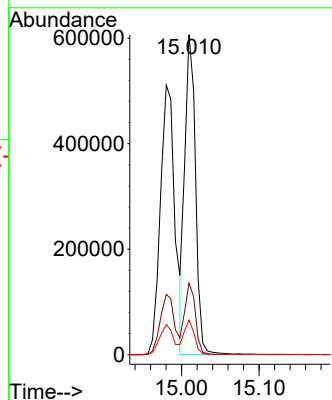
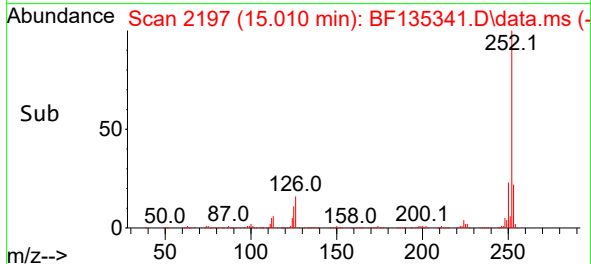
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



Tgt Ion:252 Resp: 58254
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.8 7.2 10.8

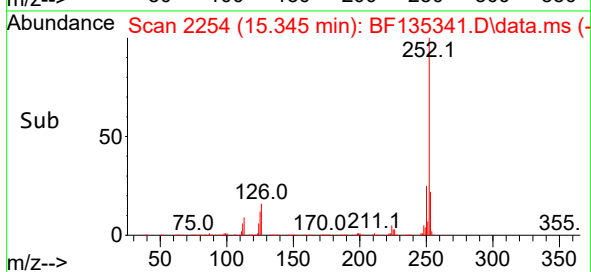
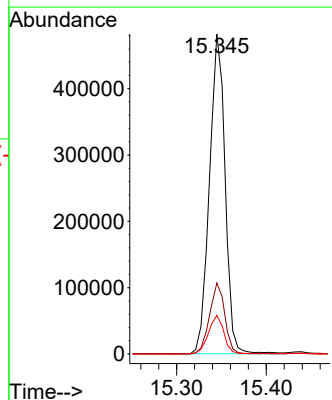
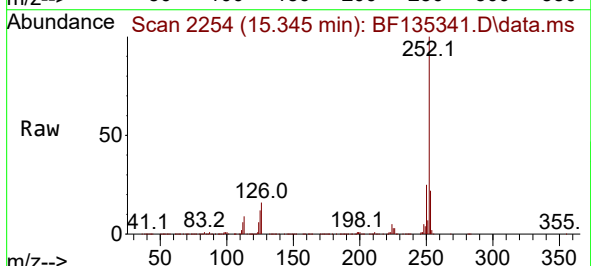
Manual Integrations
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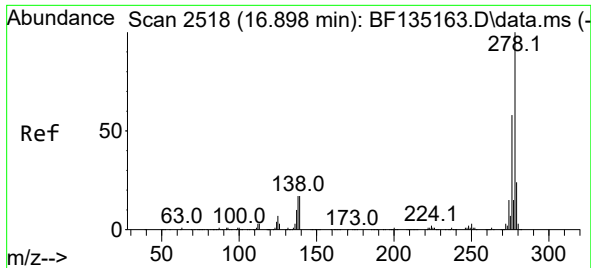
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#90
Benzo(a)pyrene
Concen: 50.507 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

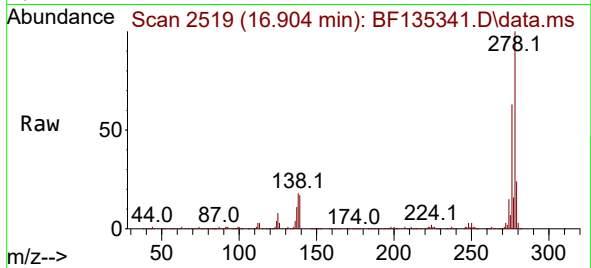
Tgt Ion:252 Resp: 584290
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 51.173 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25

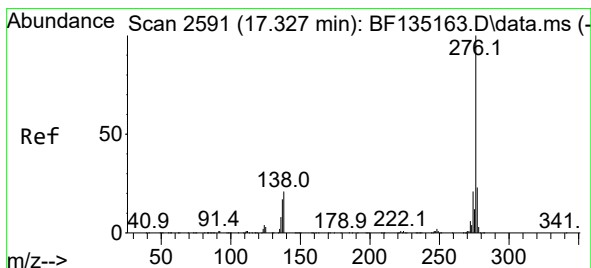
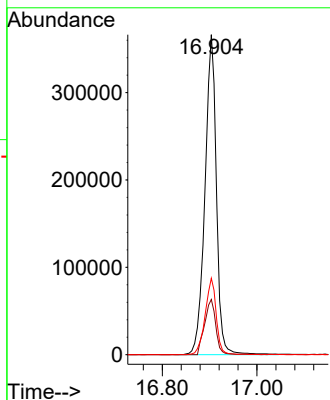
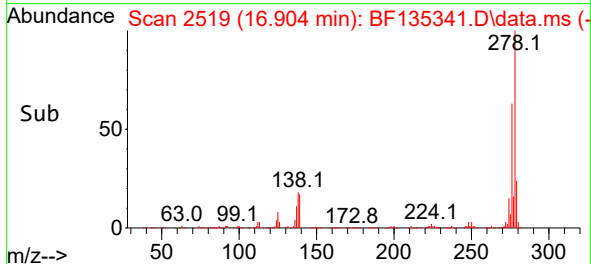
Instrument :
BNA_F
ClientSampleId :
PB155592BSD



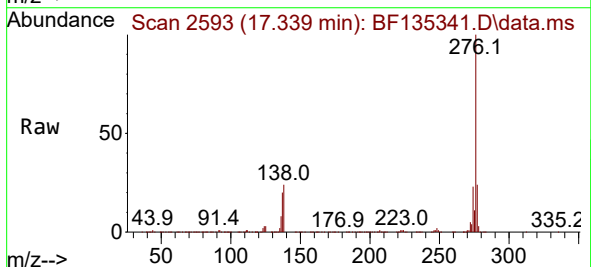
Tgt Ion: 278 Resp: 615210
Ion Ratio Lower Upper
278 100
139 17.2 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations
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Reviewed By : Yogesh Patel 09/20/2023
Supervised By : mohammad ahmed 09/20/2023



#92
Benzo(g,h,i)perylene
Concen: 50.061 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135341.D
Acq: 19 Sep 2023 18:25



Tgt Ion: 276 Resp: 628534
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 23.6 16.9 25.3

