

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135491.D
 Acq On : 28 Sep 2023 13:57
 Operator : CG\JU
 Sample : PB155842BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 29 00:21:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	152883	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	605772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	294813	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	568067	20.000	ng	0.00
76) Chrysene-d12	13.927	240	301717	20.000	ng	0.00
86) Perylene-d12	15.380	264	280088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1106455	117.710	ng	0.01
7) Phenol-d6	6.398	99	1379749	115.437	ng	0.00
23) Nitrobenzene-d5	7.316	82	867463	77.799	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	295592	100.894	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1398977	71.593	ng	0.00
79) Terphenyl-d14	12.868	244	1427013	73.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	167720	40.702	ng	93
3) Pyridine	3.287	79	432148	38.966	ng	92
4) n-Nitrosodimethylamine	3.245	42	263664	44.801	ng	91
6) Aniline	6.416	93	452935	28.898	ng	# 84
8) 2-Chlorophenol	6.534	128	445330	44.381	ng	98
9) Benzaldehyde	6.304	77	139634	20.507	ng	98
10) Phenol	6.410	94	534100	40.751	ng	88
11) bis(2-Chloroethyl)ether	6.486	93	436732	44.423	ng	99
12) 1,3-Dichlorobenzene	6.686	146	439660	43.113	ng	97
13) 1,4-Dichlorobenzene	6.763	146	444933	42.884	ng	99
14) 1,2-Dichlorobenzene	6.910	146	416814	43.260	ng	99
15) Benzyl Alcohol	6.898	79	353551	41.221	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.022	45	775211	41.833	ng	86
17) 2-Methylphenol	7.010	107	360486	40.710	ng	97
18) Hexachloroethane	7.251	117	165689	43.221	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	283770	38.330	ng	95
20) 3+4-Methylphenols	7.163	107	426354	40.042	ng	94
22) Acetophenone	7.157	105	562652	40.626	ng	94
24) Nitrobenzene	7.333	77	457552	41.518	ng	98
25) Isophorone	7.569	82	853147	41.669	ng	98
26) 2-Nitrophenol	7.645	139	230579	43.593	ng	98
27) 2,4-Dimethylphenol	7.686	122	366461	41.219	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	523225	42.697	ng	99
29) 2,4-Dichlorophenol	7.892	162	343967	41.752	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	360923	41.915	ng	99
31) Naphthalene	8.045	128	1204391	40.920	ng	99
32) Benzoic acid	7.833	122	263212	39.316	ng	99
33) 4-Chloroaniline	8.104	127	333442	25.821	ng	98
34) Hexachlorobutadiene	8.157	225	202528	39.006	ng	99
35) Caprolactam	8.475	113	119897m	43.364	ng	
36) 4-Chloro-3-methylphenol	8.598	107	387968	42.372	ng	94
37) 2-Methylnaphthalene	8.739	142	750290	37.923	ng	98
38) 1-Methylnaphthalene	8.839	142	716638	38.689	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	345492	40.451	ng	99
41) Hexachlorocyclopentadiene	8.886	237	186739	52.424	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	226760	40.550	ng	100

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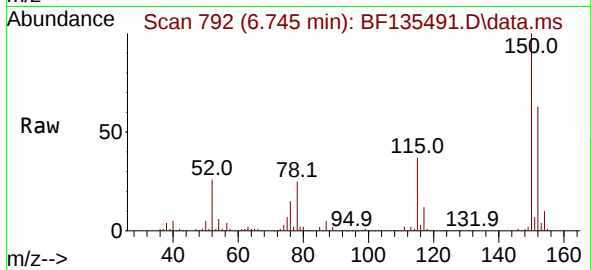
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	252035	39.136	ng	97
46) 1,1'-Biphenyl	9.204	154	922469	40.716	ng	98
47) 2-Chloronaphthalene	9.227	162	707875	43.063	ng	99
48) 2-Nitroaniline	9.333	65	281064	44.011	ng	99
49) Acenaphthylene	9.645	152	1136204	41.590	ng	99
50) Dimethylphthalate	9.510	163	819967	41.137	ng	100
51) 2,6-Dinitrotoluene	9.580	165	185891	42.572	ng	# 80
52) Acenaphthene	9.816	154	666556	41.302	ng	98
53) 3-Nitroaniline	9.745	138	171795	33.517	ng	98
54) 2,4-Dinitrophenol	9.869	184	174403	71.110	ng	93
55) Dibenzofuran	9.986	168	948421	38.511	ng	98
56) 4-Nitrophenol	9.927	139	254361	78.083	ng	97
57) 2,4-Dinitrotoluene	9.986	165	211261	38.647	ng	# 78
58) Fluorene	10.333	166	763150	40.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	208106	42.009	ng	96
60) Diethylphthalate	10.210	149	808584	40.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	349922	38.476	ng	97
62) 4-Nitroaniline	10.369	138	208280	42.274	ng	97
63) Azobenzene	10.486	77	842186	43.018	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	125938	41.740	ng	96
66) n-Nitrosodiphenylamine	10.451	169	715778	41.620	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	222608	39.401	ng	98
68) Hexachlorobenzene	10.880	284	236855	41.150	ng	# 89
69) Atrazine	10.980	200	211387	45.681	ng	97
70) Pentachlorophenol	11.080	266	186663	54.203	ng	98
71) Phenanthrene	11.298	178	1131401	42.111	ng	99
72) Anthracene	11.351	178	1160531	42.023	ng	99
73) Carbazole	11.510	167	1118630	44.496	ng	99
74) Di-n-butylphthalate	11.839	149	1283650	43.332	ng	100
75) Fluoranthene	12.492	202	1211061	43.259	ng	99
77) Benzidine	12.615	184	264455	42.784	ng	99
78) Pyrene	12.721	202	1219357	42.448	ng	100
80) Butylbenzylphthalate	13.345	149	474493	46.915	ng	98
81) Benzo(a)anthracene	13.915	228	831096	42.658	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	224427	36.879	ng	# 98
83) Chrysene	13.951	228	817415	42.199	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	572011	55.114	ng	# 99
85) Di-n-octyl phthalate	14.521	149	848837	51.465	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	803204	43.737	ng	96
88) Benzo(b)fluoranthene	14.962	252	715843	47.212	ng	98
89) Benzo(k)fluoranthene	14.992	252	680949	45.465	ng	99
90) Benzo(a)pyrene	15.321	252	630619	43.614	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	651313	43.346	ng	98
92) Benzo(g,h,i)perylene	17.298	276	684611	43.626	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 74
 Delta R.T. -0.001 min
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 Acq: 28 Sep 2023 13:57

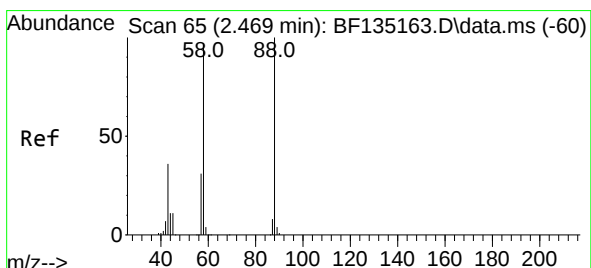
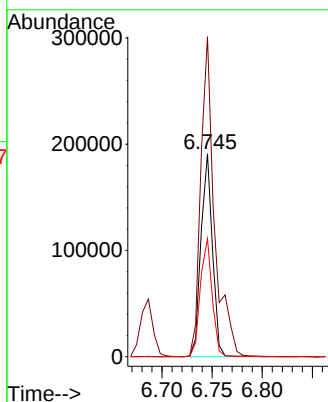
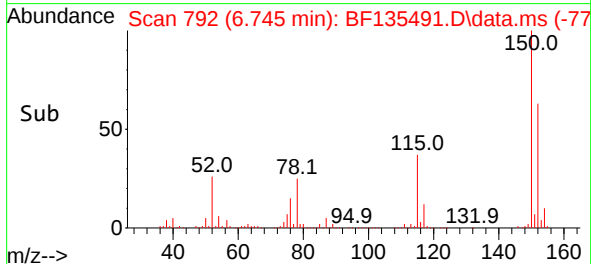
Instrument :
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 PB155842BS



Tgt Ion:152 Resp: 15288
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.8 191.6
 115 58.2 49.8 74.8

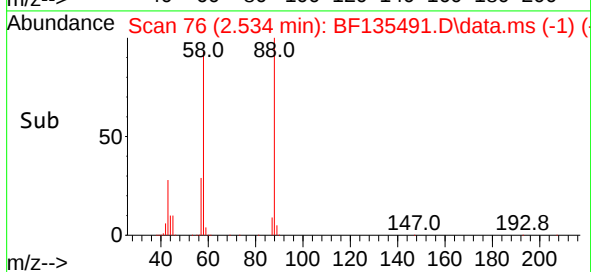
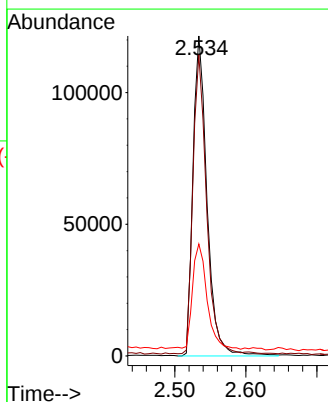
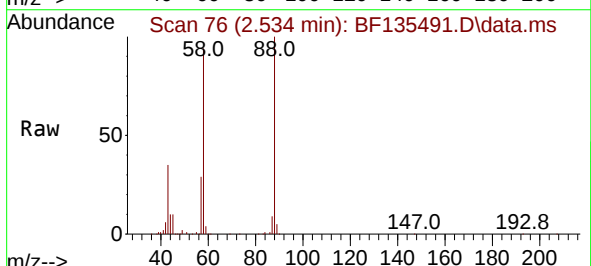
Manual Integrations
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 Supervised By :mohammad ahmed 09/29/2023



#2
 1,4-Dioxane
 Concen: 40.702 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.100 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

Tgt Ion: 88 Resp: 167720
 Ion Ratio Lower Upper
 88 100
 58 90.0 78.3 117.5
 43 34.4 29.4 44.0





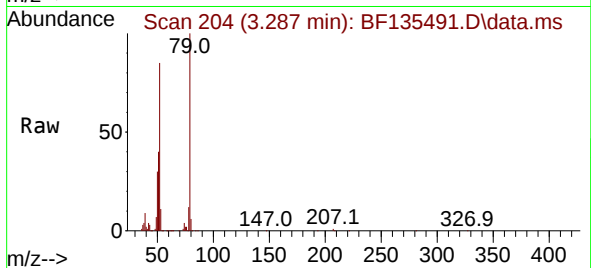
#3
Pyridine
Concen: 38.966 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.111 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



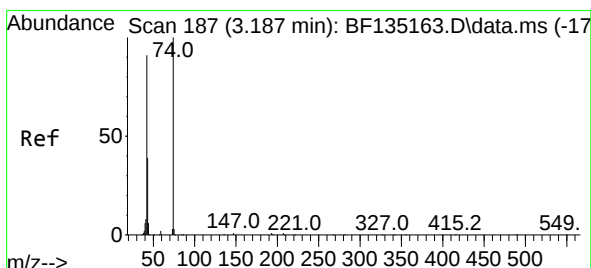
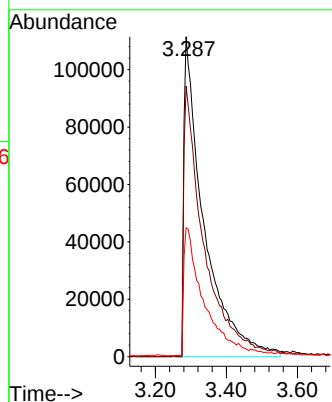
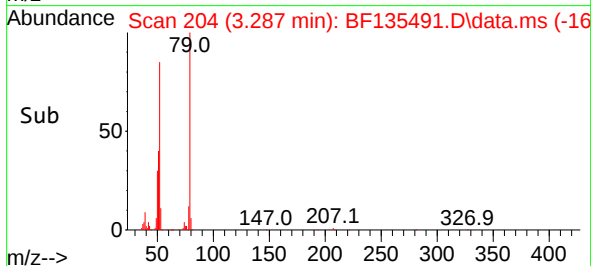
Tgt Ion: 79 Resp: 432148
Ion Ratio Lower Upper
79 100
52 84.6 74.1 111.1
51 40.2 35.8 53.8

Manual Integrations

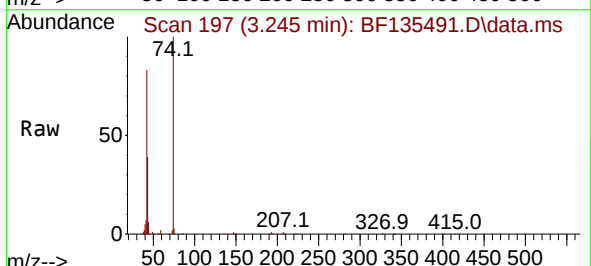
APPROVED

Reviewed By :Yogesh Patel 09/29/2023

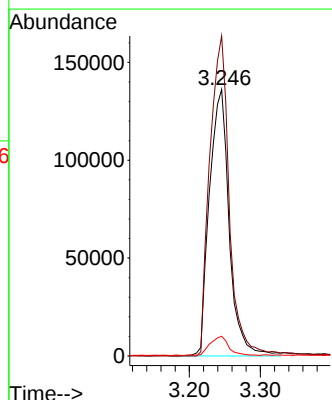
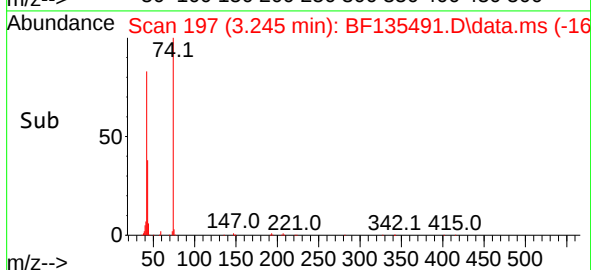
Supervised By :mohammad ahmed 09/29/2023

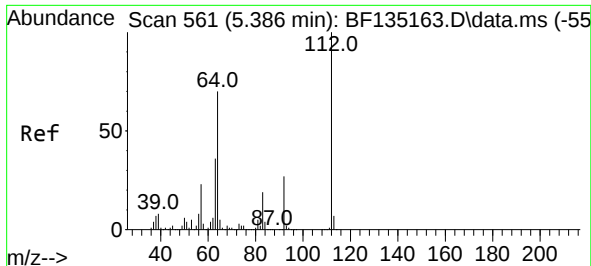


#4
n-Nitrosodimethylamine
Concen: 44.801 ng
RT: 3.245 min Scan# 197
Delta R.T. 0.094 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion: 42 Resp: 263664
Ion Ratio Lower Upper
42 100
74 120.1 87.7 131.5
44 7.4 5.6 8.4





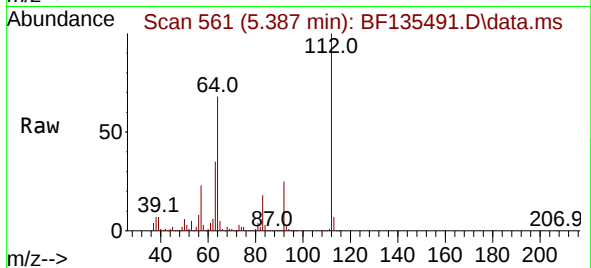
#5
2-Fluorophenol
Concen: 117.710 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

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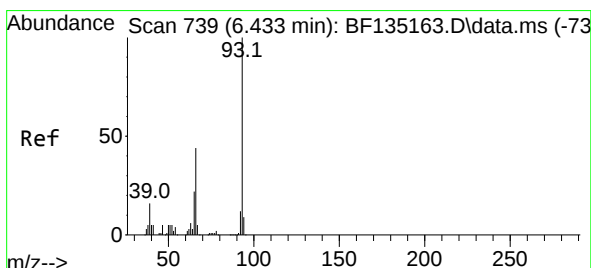
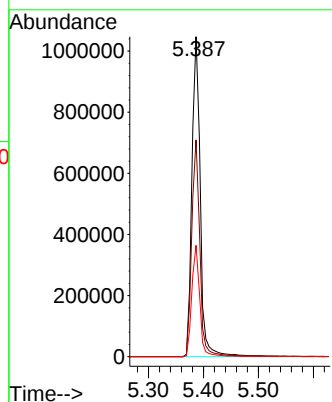
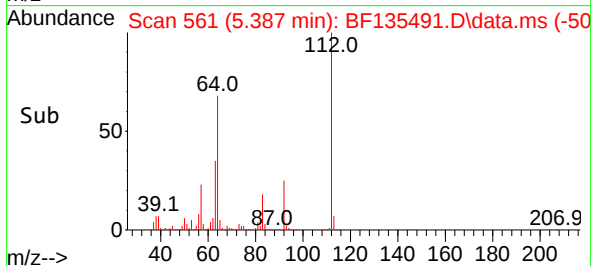
Tgt Ion: 112 Resp: 110645
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 34.8 29.0 43.6

Manual Integrations

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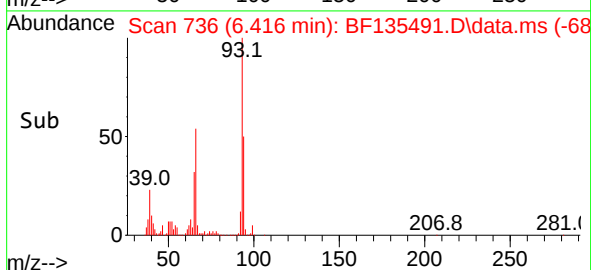
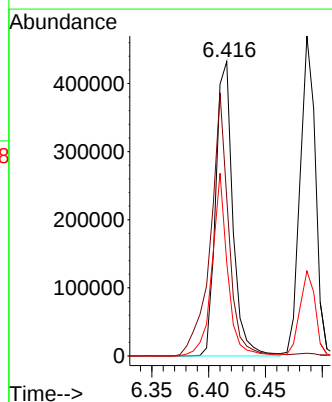
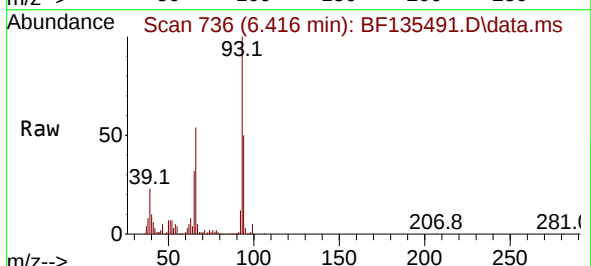
Reviewed By :Yogesh Patel 09/29/2023

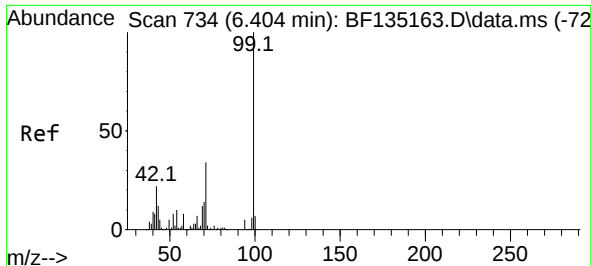
Supervised By :mohammad ahmed 09/29/2023



#6
Aniline
Concen: 28.898 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 93 Resp: 452935
Ion Ratio Lower Upper
93 100
66 53.6 35.4 53.0#
65 31.7 17.8 26.8#





#7

Phenol-d6

Concen: 115.437 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

Tgt Ion: 99 Resp: 1379749

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

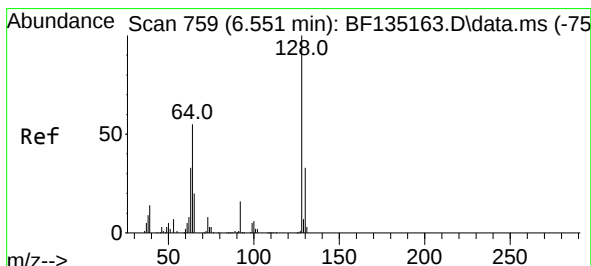
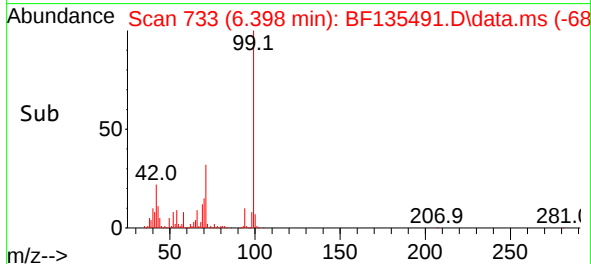
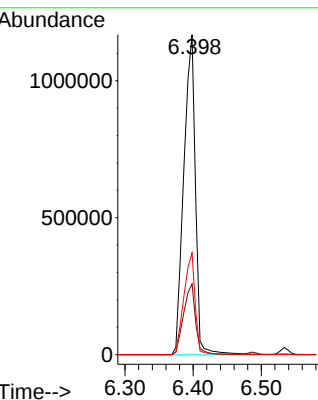
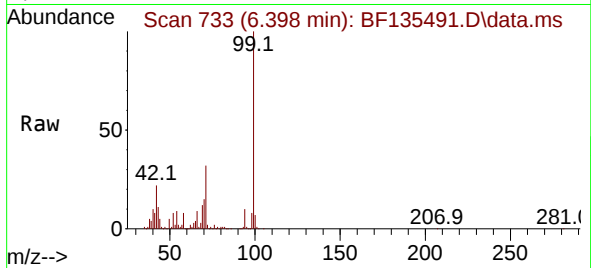
71 31.8 27.0 40.6

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Supervised By :mohammad ahmed 09/29/2023



#8

2-Chlorophenol

Concen: 44.381 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

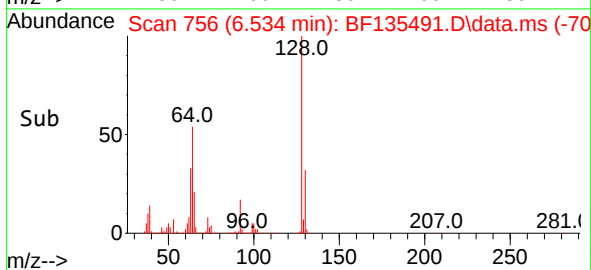
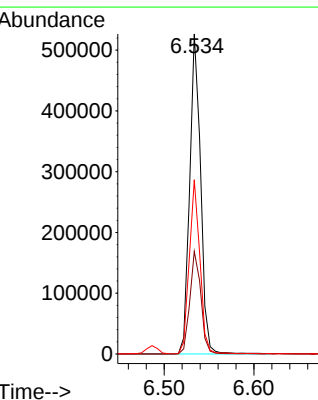
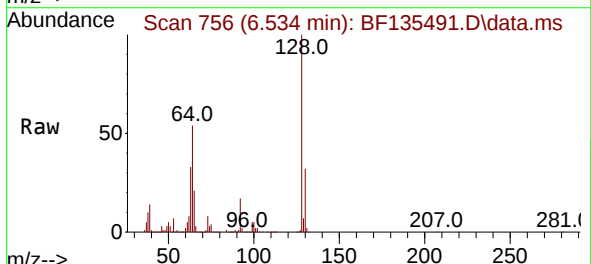
Tgt Ion:128 Resp: 445330

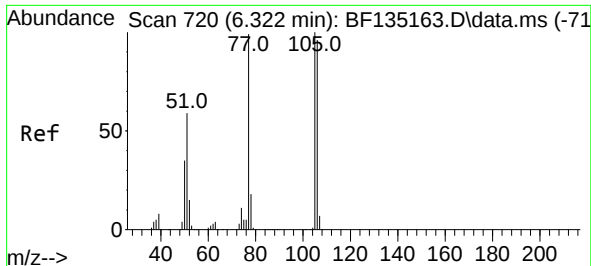
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 54.4 35.9 75.9





#9

Benzaldehyde

Concen: 20.507 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF135491.D

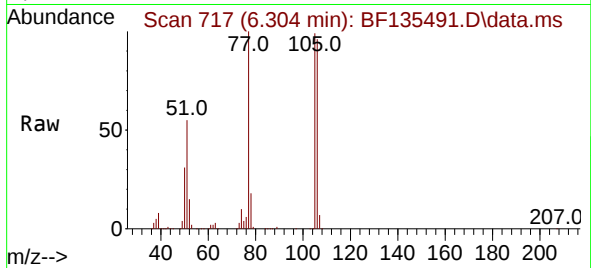
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

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PB155842BS



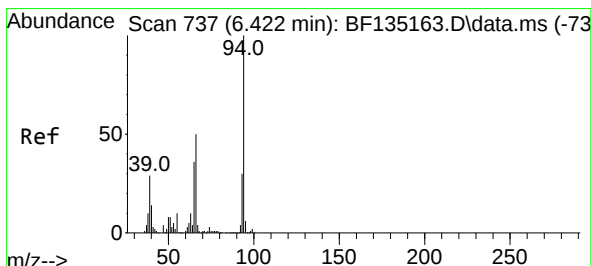
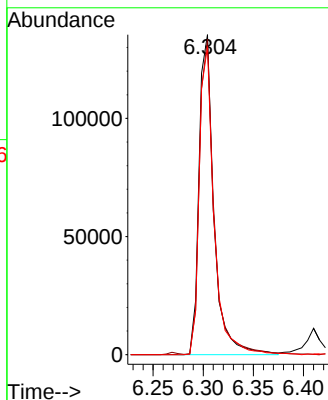
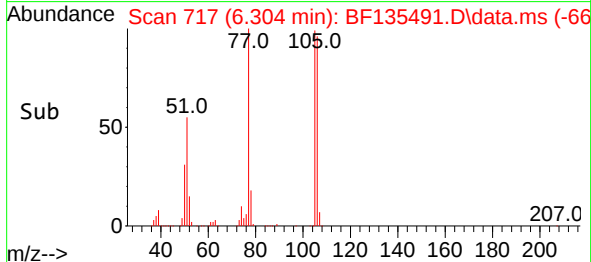
Tgt Ion:	77	Resp:	139634
Ion	Ratio	Lower	Upper
77	100		
105	98.6	81.4	121.4
106	96.2	76.9	116.9

Manual Integrations

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#10

Phenol

Concen: 40.751 ng

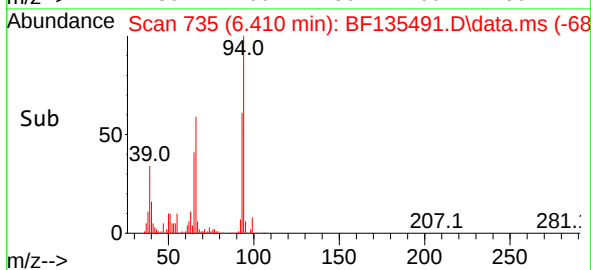
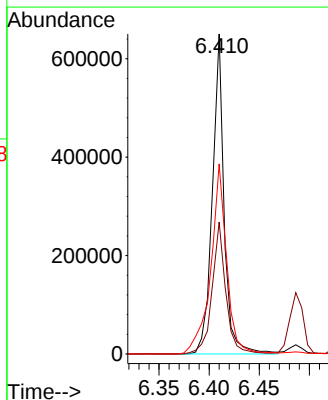
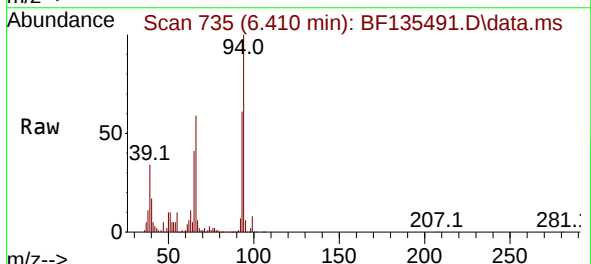
RT: 6.410 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion:	94	Resp:	534100
Ion	Ratio	Lower	Upper
94	100		
65	41.2	15.9	55.9
66	59.4	29.8	69.8





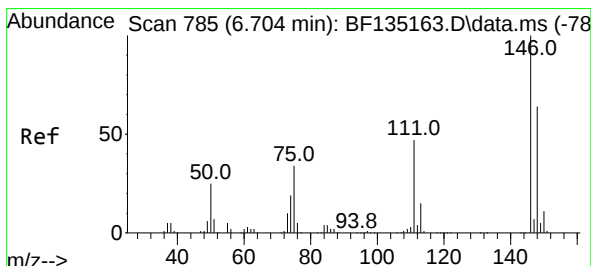
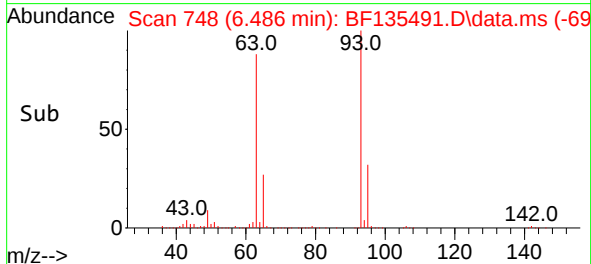
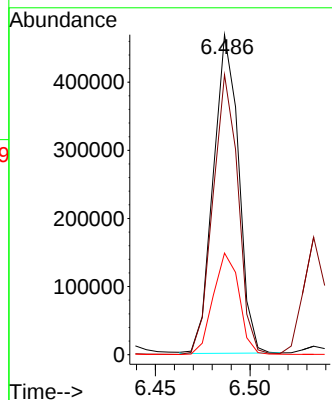
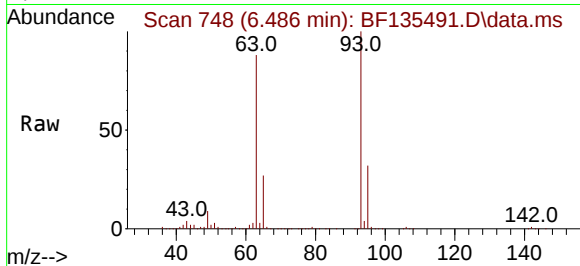
#11
bis(2-Chloroethyl)ether
Concen: 44.423 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion: 93 Resp: 436732
Ion Ratio Lower Upper
93 100
63 87.5 67.3 107.3
95 31.7 12.7 52.7

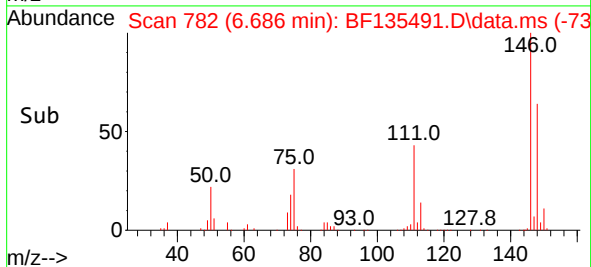
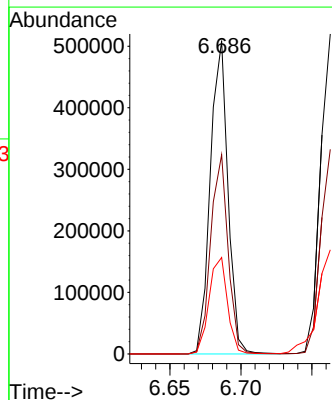
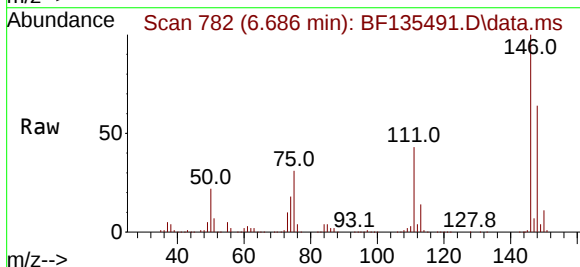
Manual Integrations
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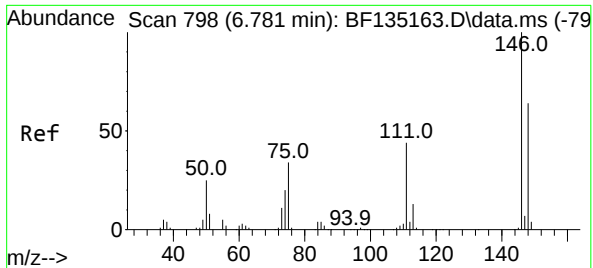
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#12
1,3-Dichlorobenzene
Concen: 43.113 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:146 Resp: 439660
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 30.8 27.4 41.2





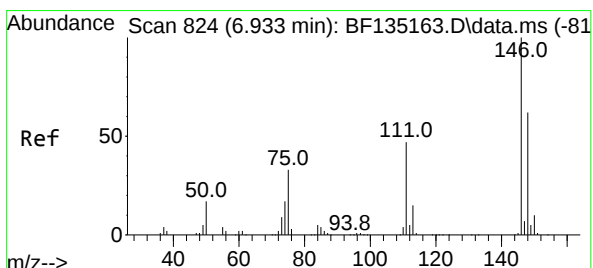
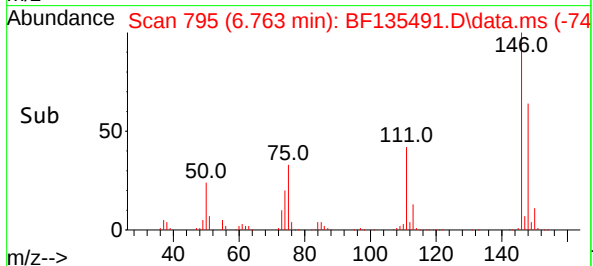
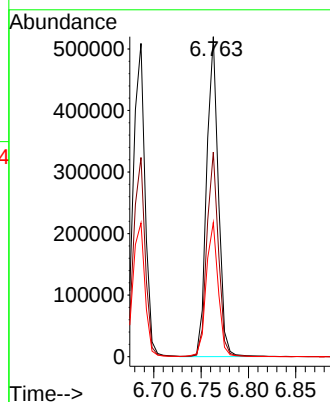
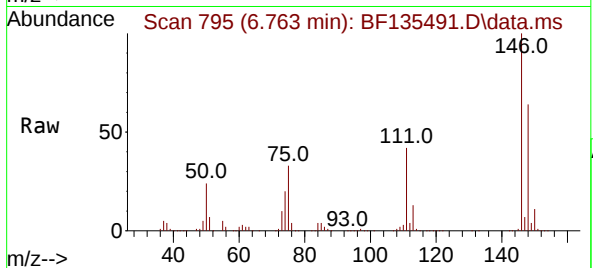
#13
1,4-Dichlorobenzene
Concen: 42.884 ng
RT: 6.763 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion:146 Resp: 444933
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
111 41.9 35.1 52.7

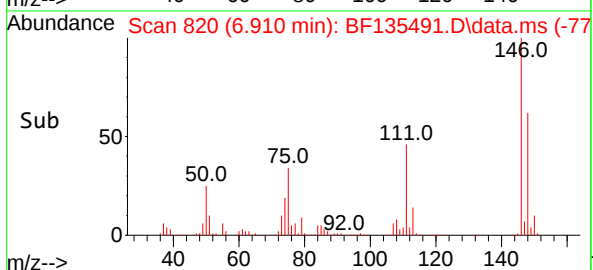
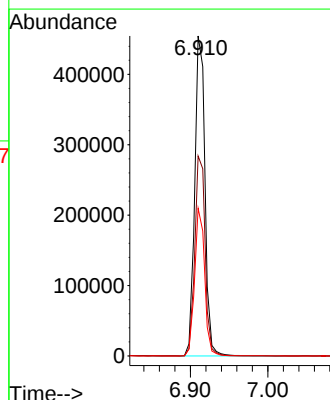
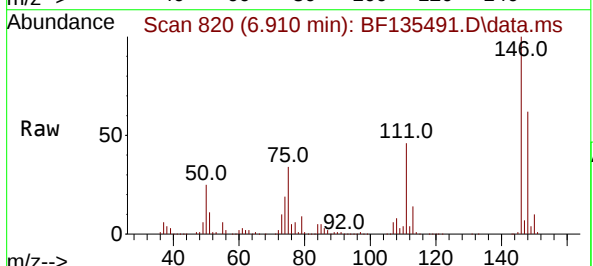
Manual Integrations
APPROVED

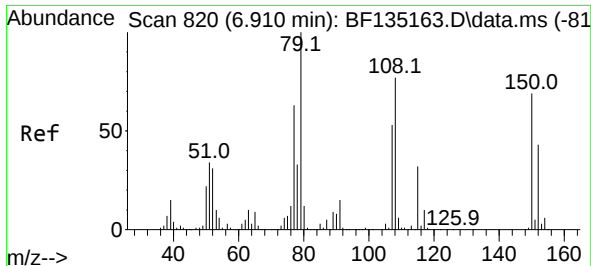
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#14
1,2-Dichlorobenzene
Concen: 43.260 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:146 Resp: 416814
Ion Ratio Lower Upper
146 100
148 62.5 49.7 74.5
111 46.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.221 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

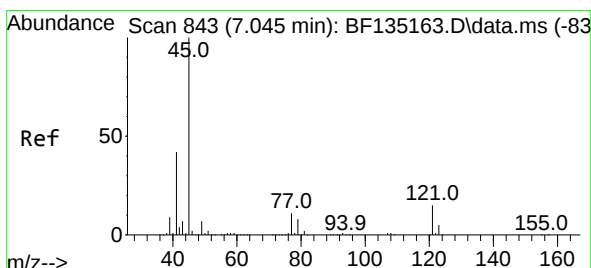
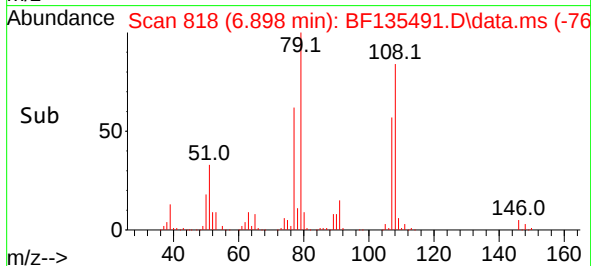
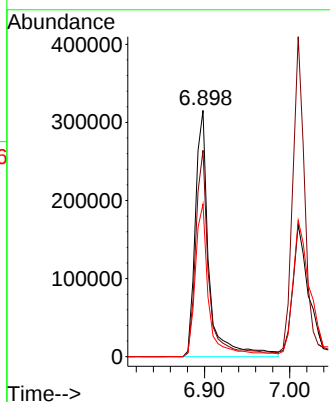
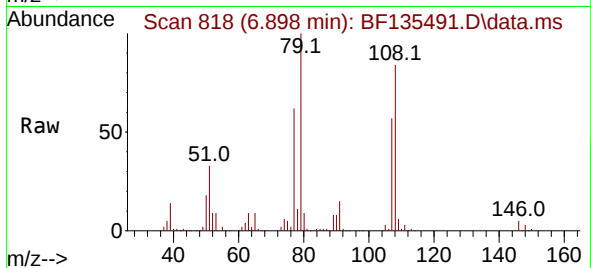
ClientSampleId :

PB155842BS

Tgt Ion: 79 Resp: 35355
Ion Ratio Lower Upper
79 100
108 83.8 61.2 91.8
77 62.0 50.5 75.7

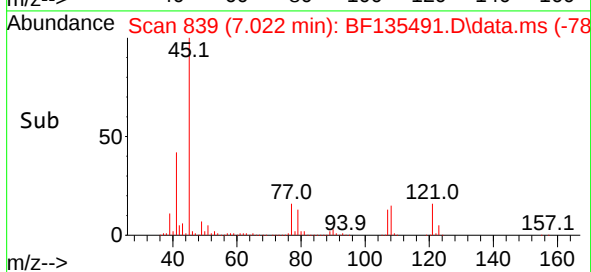
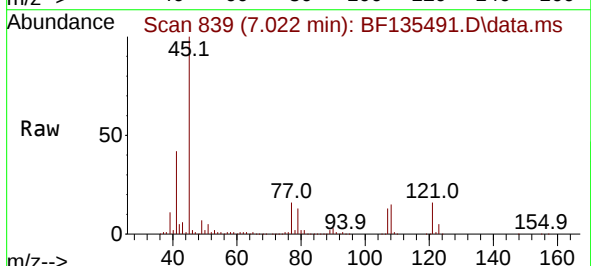
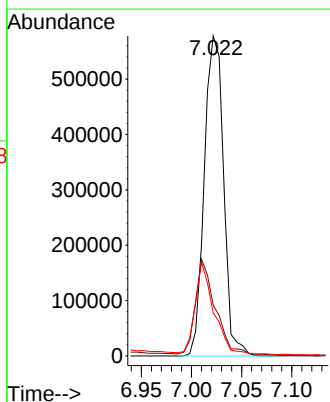
Manual Integrations
APPROVED

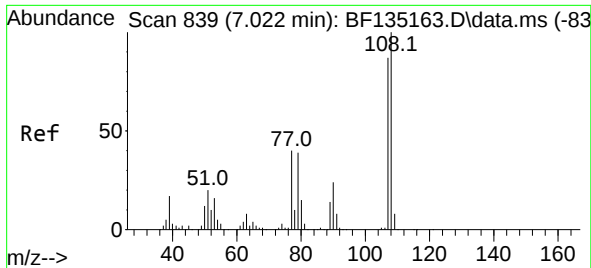
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.833 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

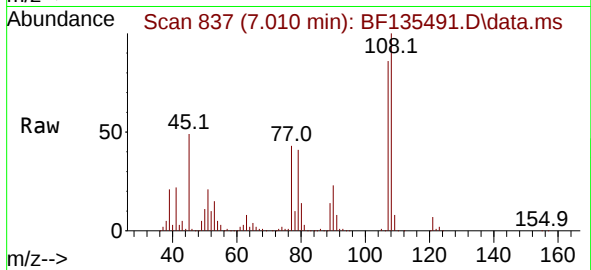
Tgt Ion: 45 Resp: 775211
Ion Ratio Lower Upper
45 100
77 15.9 0.0 30.6
79 13.4 0.0 28.3





#17
2-Methylphenol
Concen: 40.710 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

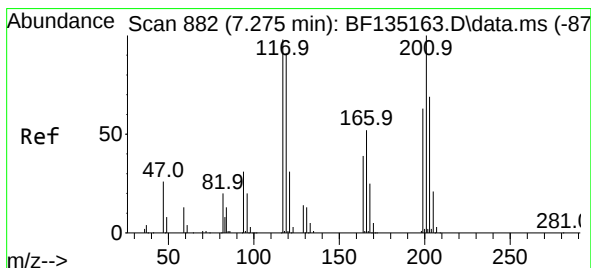
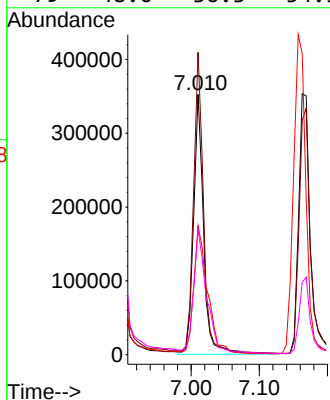
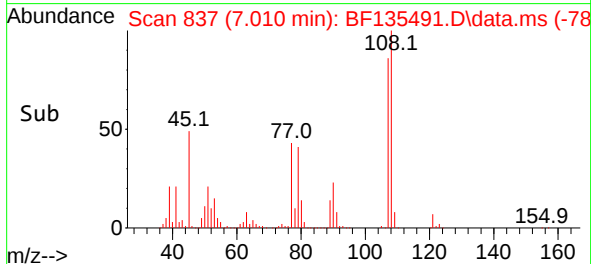
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:107 Resp: 360480
Ion Ratio Lower Upper
107 100
108 116.2 92.0 138.0
77 49.6 36.7 55.1
79 48.0 36.3 54.5

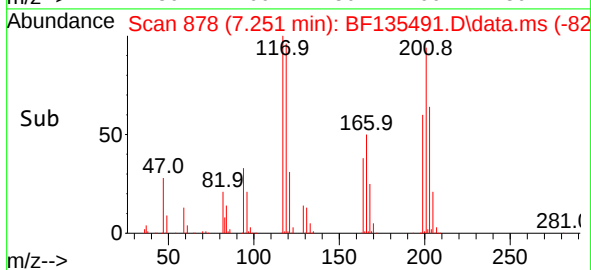
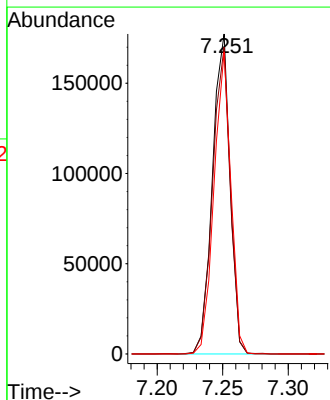
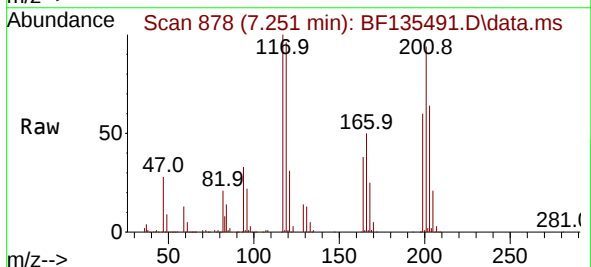
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#18
Hexachloroethane
Concen: 43.221 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:117 Resp: 165689
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 94.4 81.8 122.8





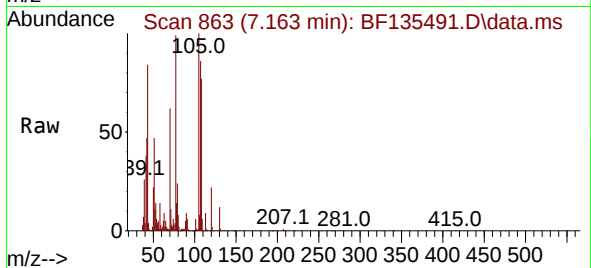
#19
n-Nitroso-di-n-propylamine
Concen: 38.330 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

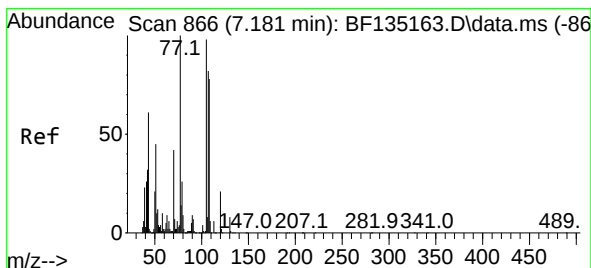
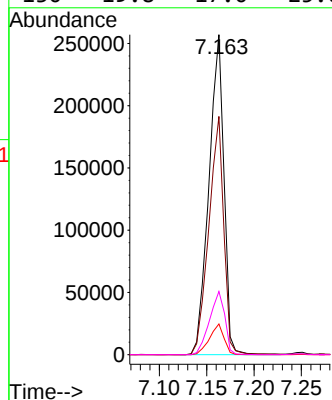
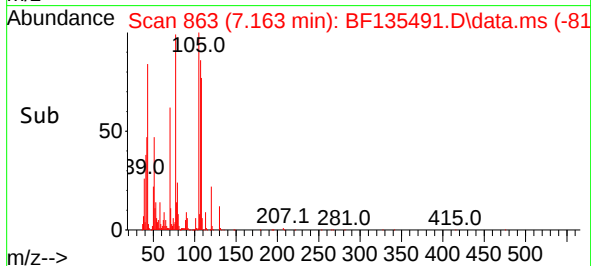
PB155842BS



Tgt Ion: 70 Resp: 283770
Ion Ratio Lower Upper
70 100
42 74.5 55.4 83.0
101 9.6 7.7 11.5
130 19.8 17.0 25.6

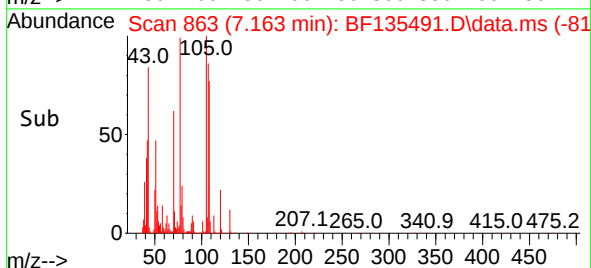
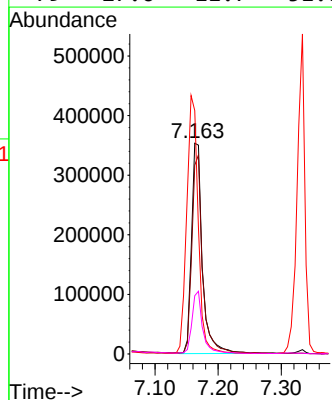
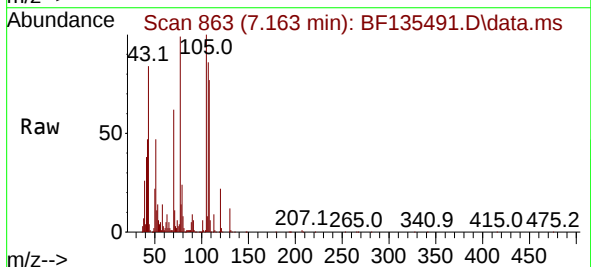
Manual Integrations
APPROVED

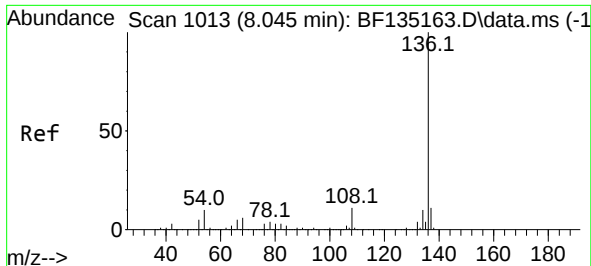
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#20
3+4-Methylphenols
Concen: 40.042 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:107 Resp: 426354
Ion Ratio Lower Upper
107 100
108 89.6 74.7 114.7
77 115.5 102.0 142.0
79 27.6 11.7 51.7





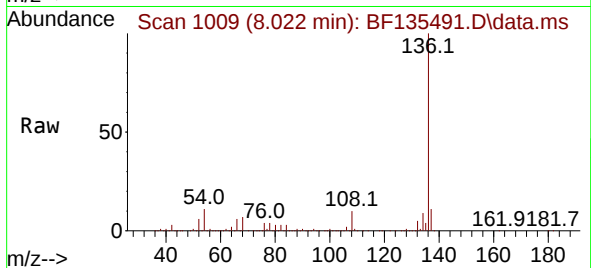
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

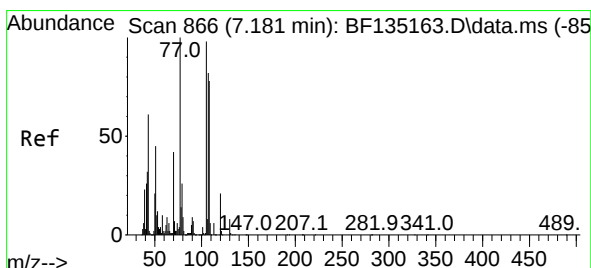
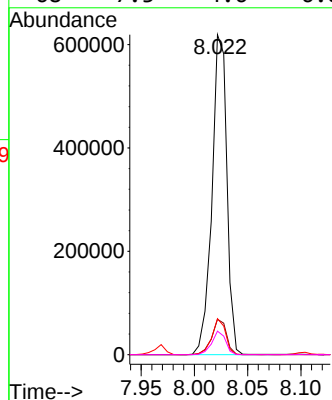
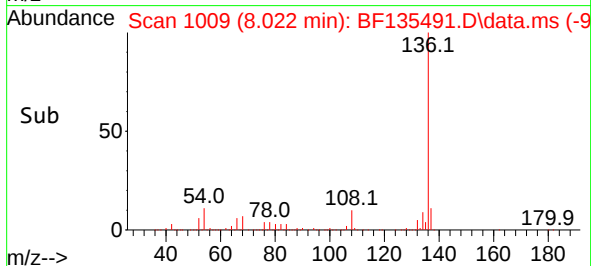


Tgt Ion:136 Resp: 605772
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.2 7.7 11.5
68 7.3 4.6 6.8#

Manual Integrations

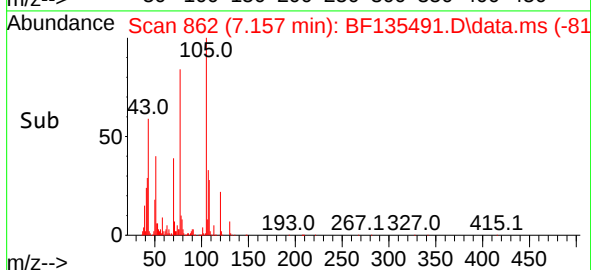
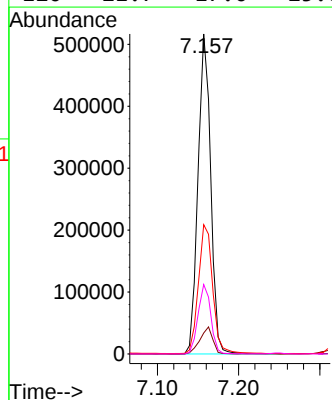
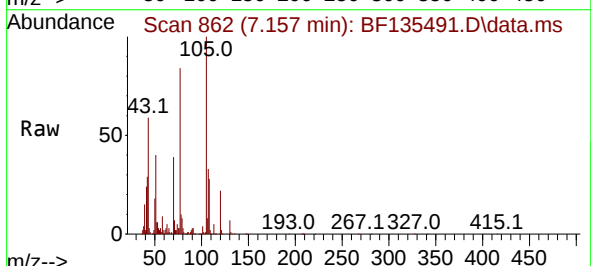
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Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#22
Acetophenone
Concen: 40.626 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:105 Resp: 562652
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.6
51 40.4 37.0 55.4
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.799 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

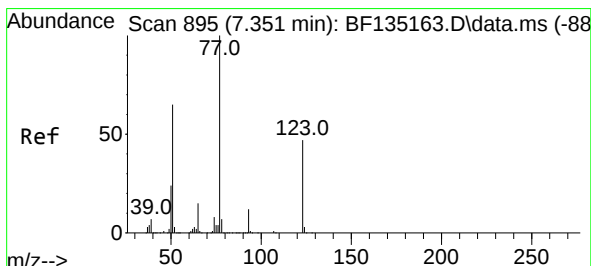
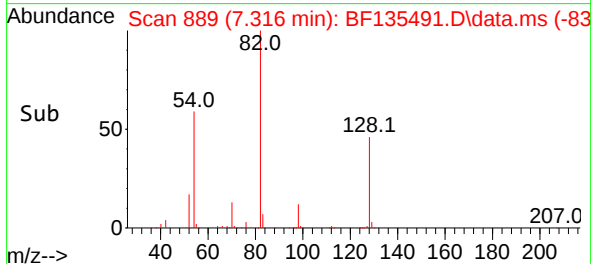
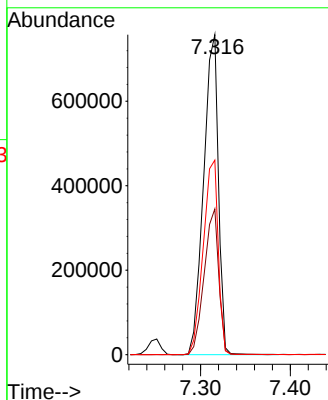
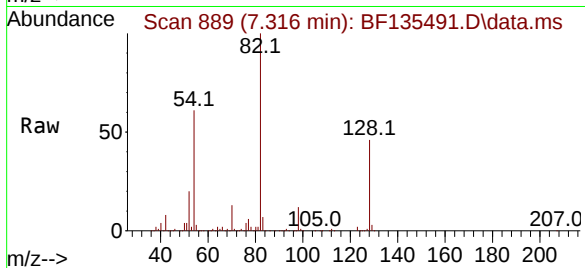
PB155842BS

Tgt Ion: 82 Resp: 86746

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.8	53.6
54	60.8	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#24

Nitrobenzene

Concen: 41.518 ng

RT: 7.333 min Scan# 892

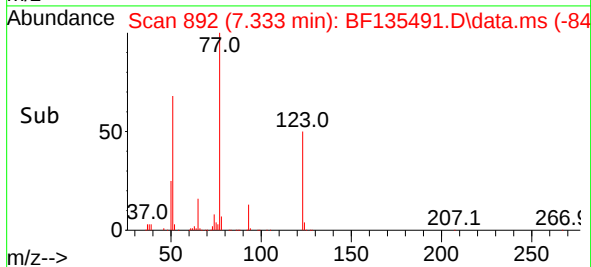
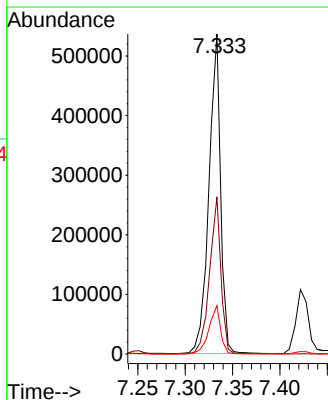
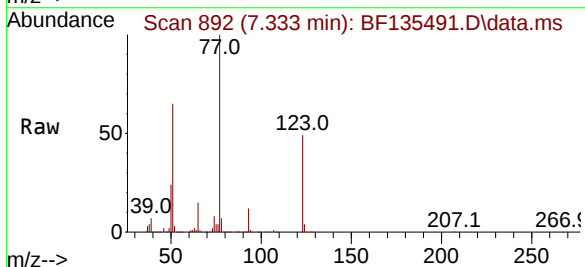
Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion: 77 Resp: 457552

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.6	56.4
65	15.1	12.2	18.4





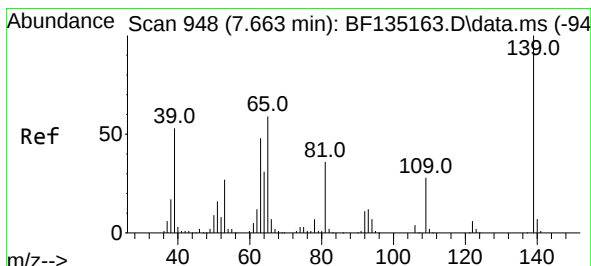
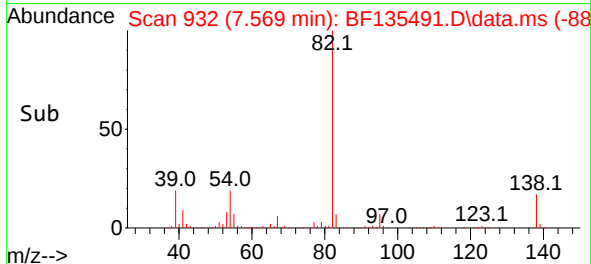
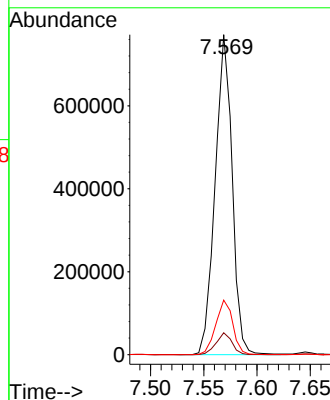
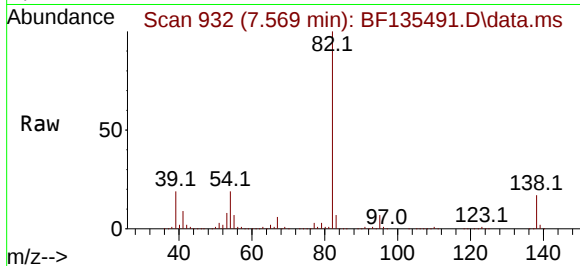
#25
Isophorone
Concen: 41.669 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion: 82 Resp: 85314
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.0 14.5 21.7

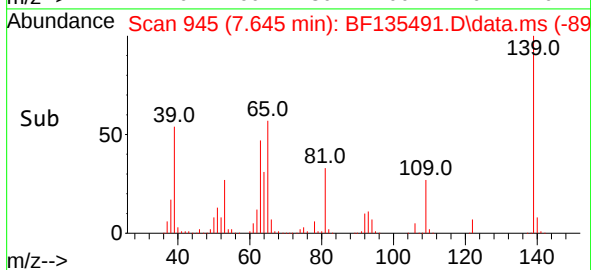
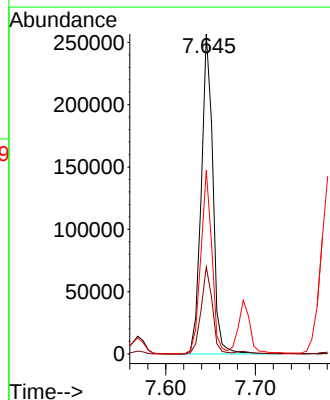
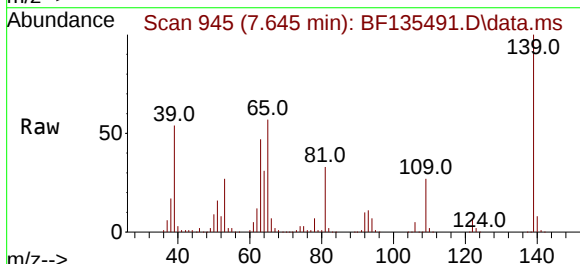
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2-Nitrophenol
Concen: 43.593 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:139 Resp: 230579
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 57.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.219 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135491.D

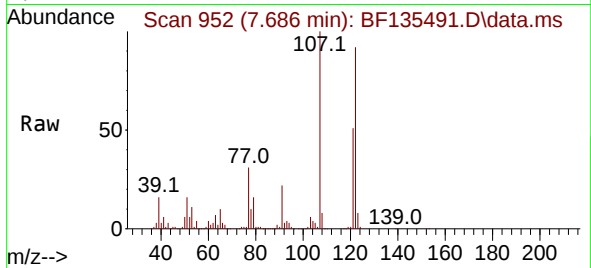
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



Tgt Ion:122 Resp: 36646

Ion Ratio Lower Upper

122 100

107 109.3 90.2 135.4

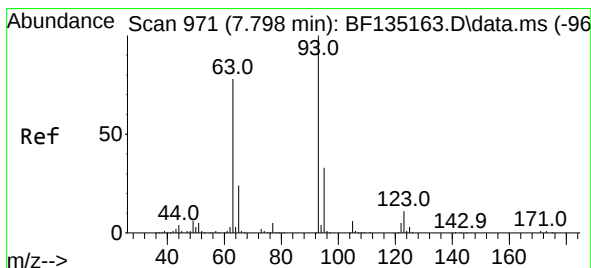
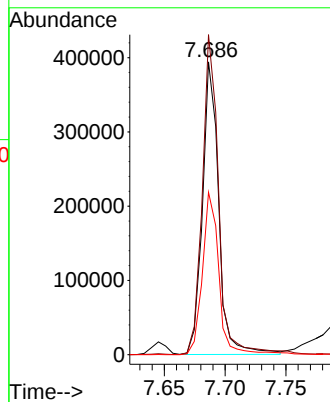
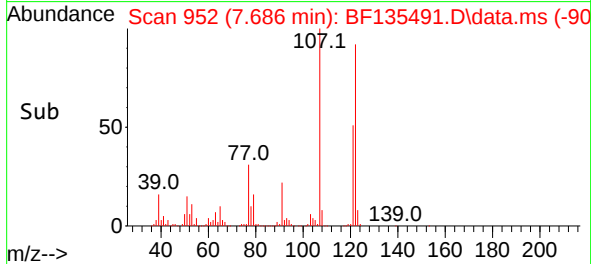
121 55.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.697 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

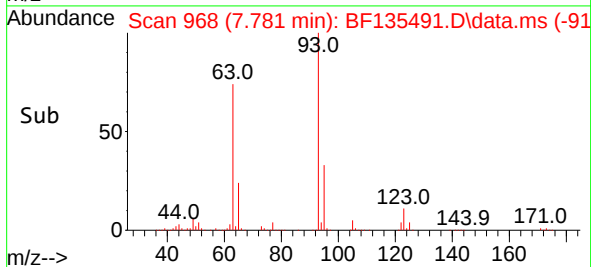
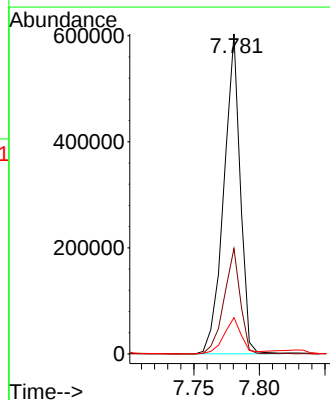
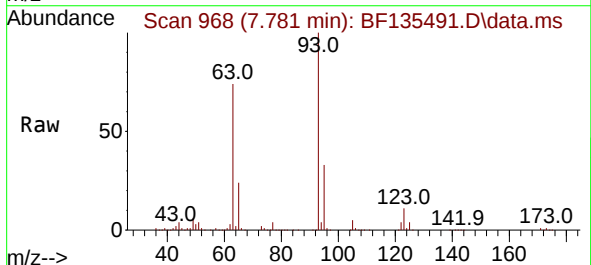
Tgt Ion: 93 Resp: 523225

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 41.752 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

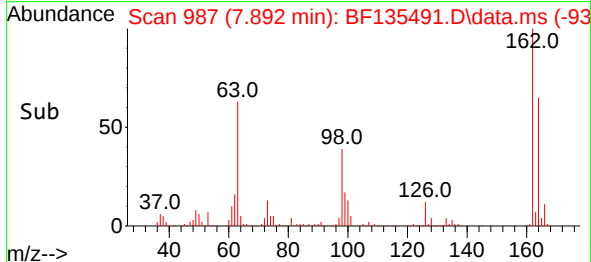
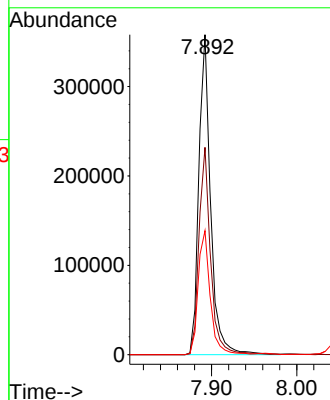
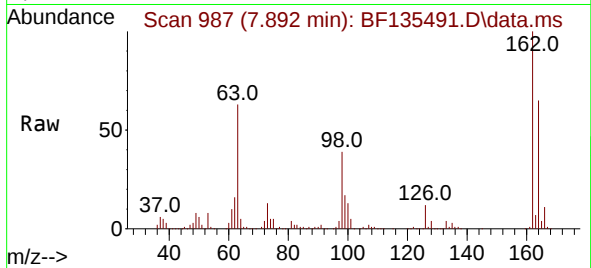
Tgt Ion:162	Resp:	34396
Ion Ratio	Lower	Upper
162	100	
164	64.8	44.1 84.1
98	38.7	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.915 ng

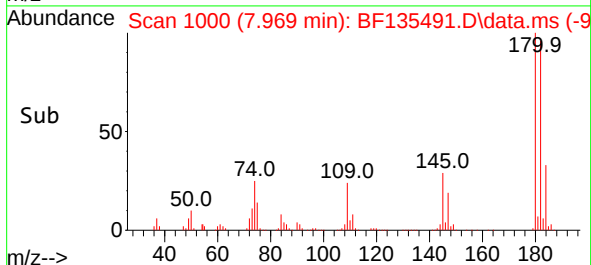
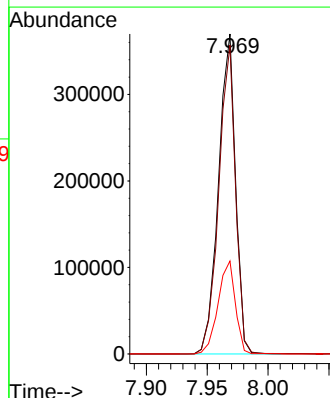
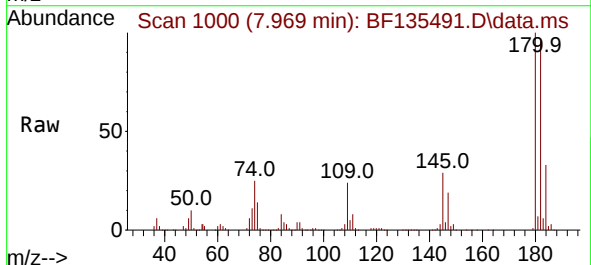
RT: 7.969 min Scan# 1000

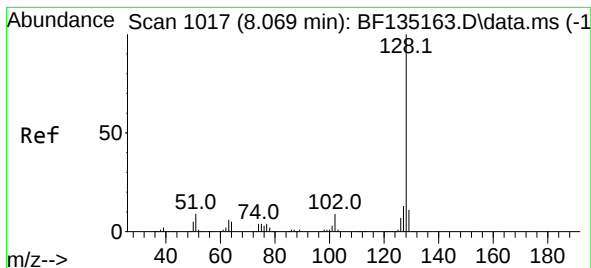
Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion:180	Resp:	360923
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.9 115.3
145	29.1	24.5 36.7





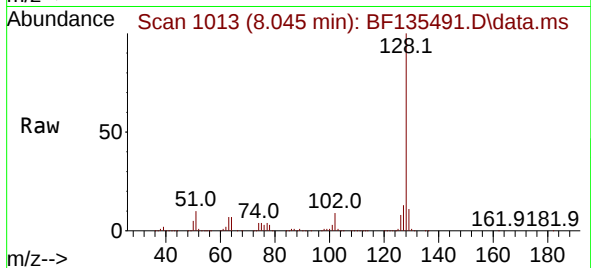
#31
Naphthalene
Concen: 40.920 ng
RT: 8.045 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

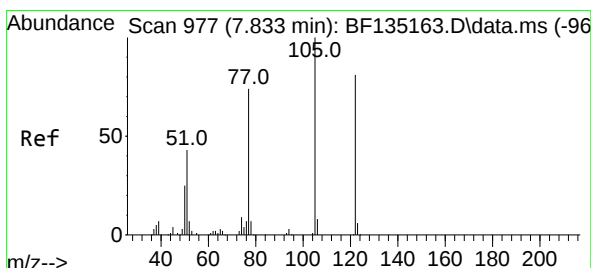
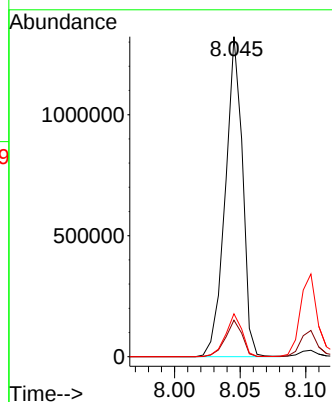
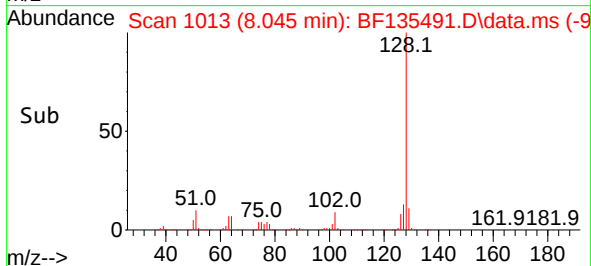


Tgt Ion:128 Resp: 120439
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.7 16.1

Manual Integrations

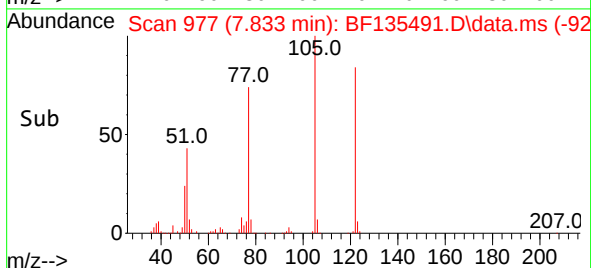
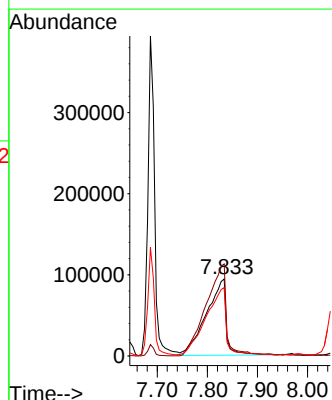
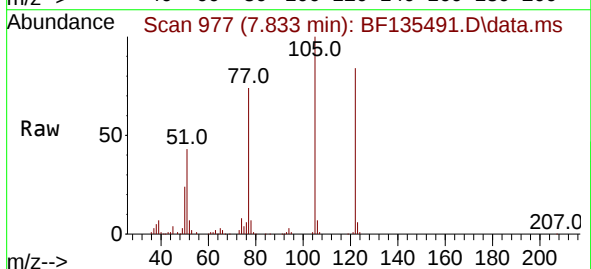
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#32
Benzoic acid
Concen: 39.316 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:122 Resp: 263212
Ion Ratio Lower Upper
122 100
105 119.5 99.9 139.9
77 88.7 70.0 110.0





#33
4-Chloroaniline
Concen: 25.821 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

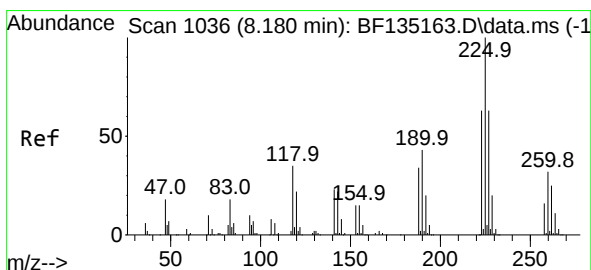
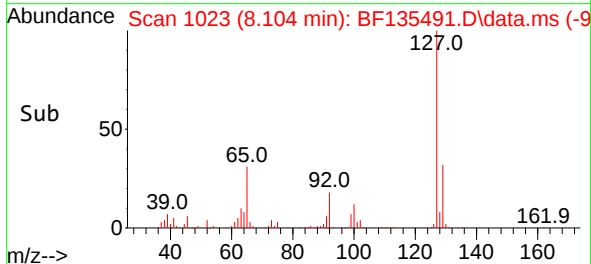
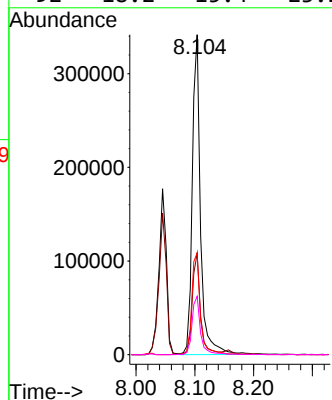
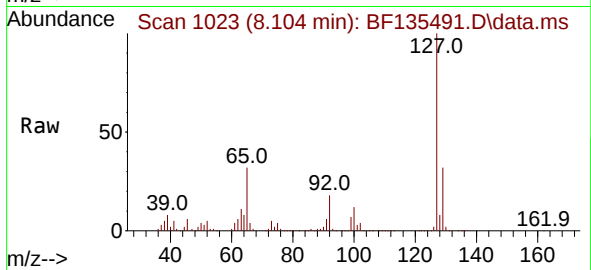
PB155842BS

Tgt Ion:127 Resp: 33344
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 31.8 26.6 39.8
92 18.2 15.4 23.2

Manual Integrations

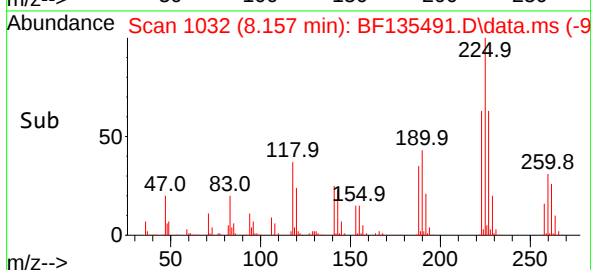
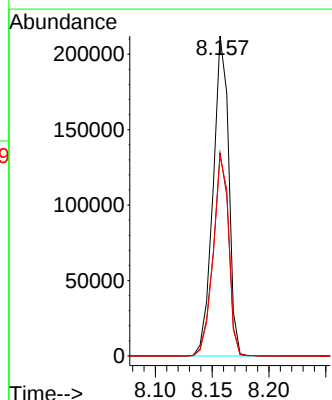
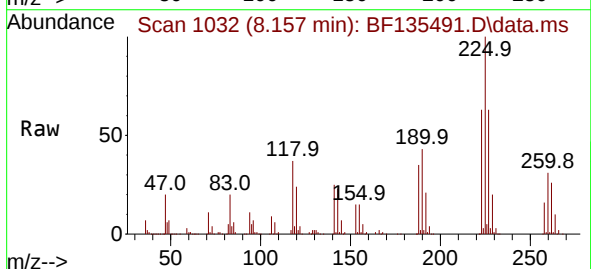
APPROVED

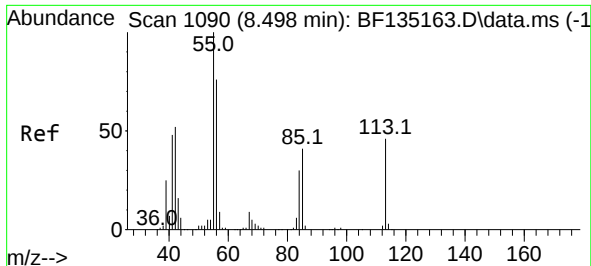
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#34
Hexachlorobutadiene
Concen: 39.006 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

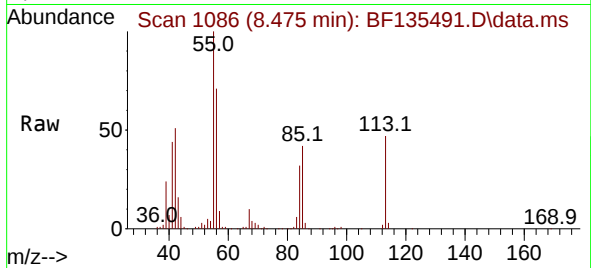
Tgt Ion:225 Resp: 202528
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 62.6 50.8 76.2





#35
Caprolactam
Concen: 43.364 ng m
RT: 8.475 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

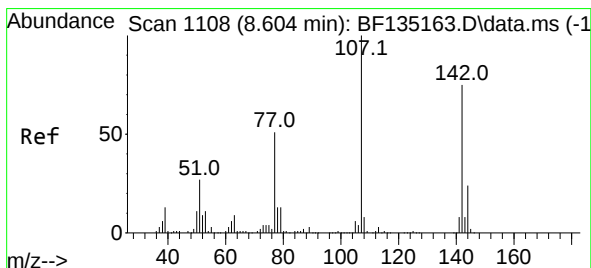
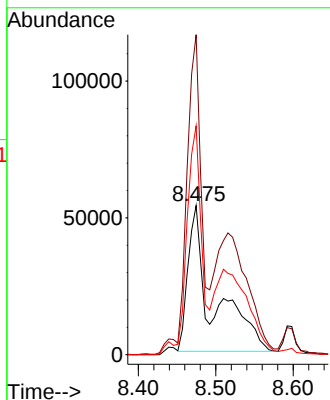
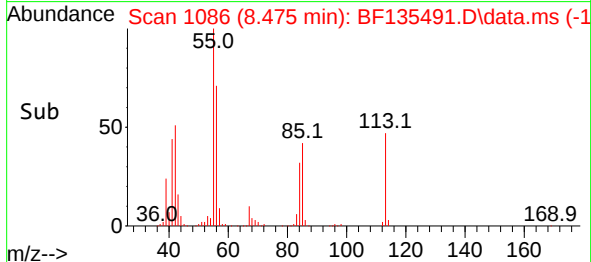
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:113 Resp: 119897
Ion Ratio Lower Upper
113 100
55 214.6 199.3 239.3
56 153.4 146.3 186.3

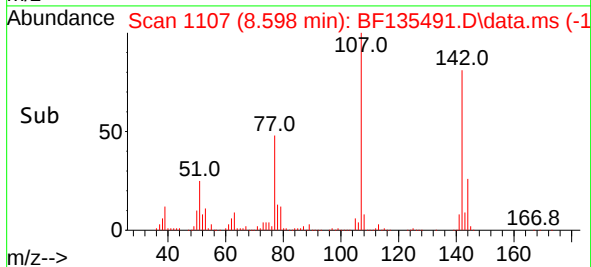
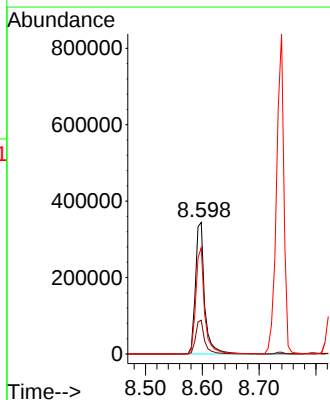
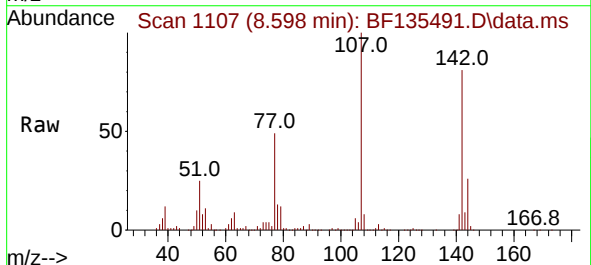
Manual Integrations
APPROVED

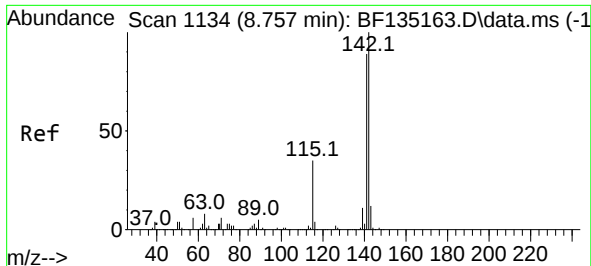
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#36
4-Chloro-3-methylphenol
Concen: 42.372 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:107 Resp: 387968
Ion Ratio Lower Upper
107 100
144 25.7 19.0 28.4
142 80.7 60.2 90.2





#37
2-Methylnaphthalene
Concen: 37.923 ng
RT: 8.739 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

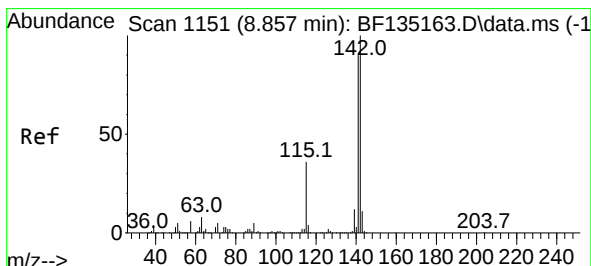
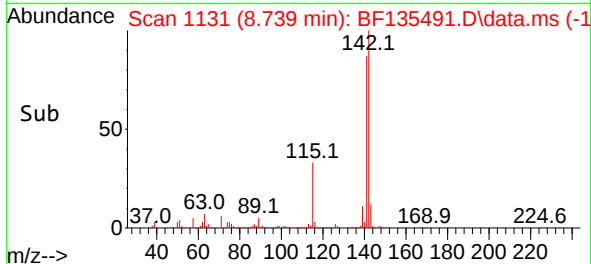
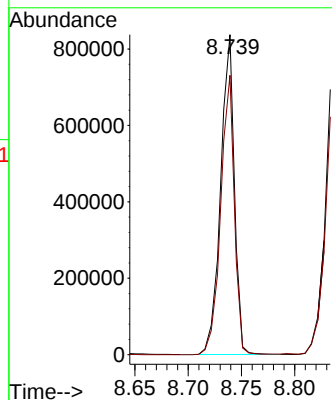
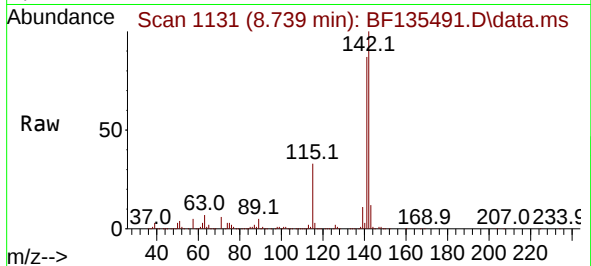
PB155842BS

Tgt Ion:142 Resp: 750290
Ion Ratio Lower Upper
142 100
141 87.3 71.0 106.6

Manual Integrations

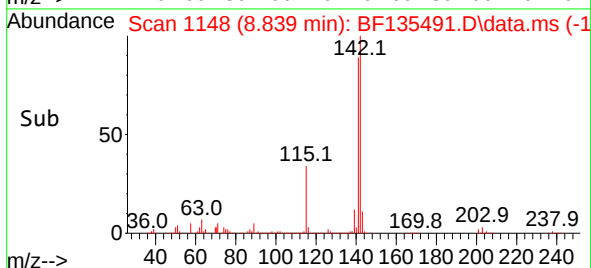
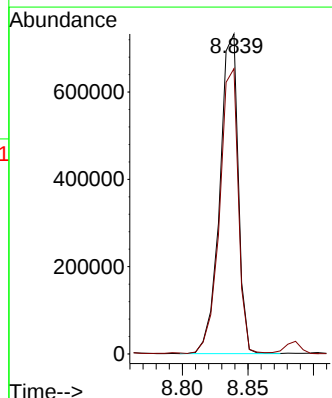
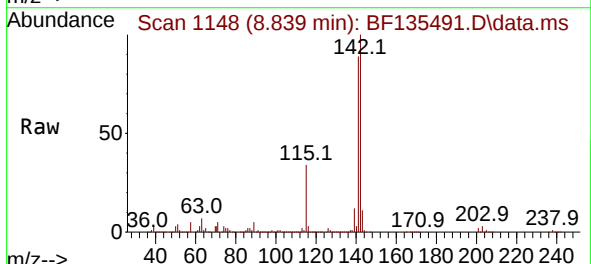
APPROVED

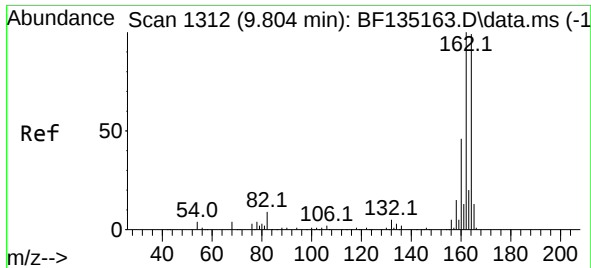
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#38
1-Methylnaphthalene
Concen: 38.689 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:142 Resp: 716638
Ion Ratio Lower Upper
142 100
141 89.1 72.4 108.6





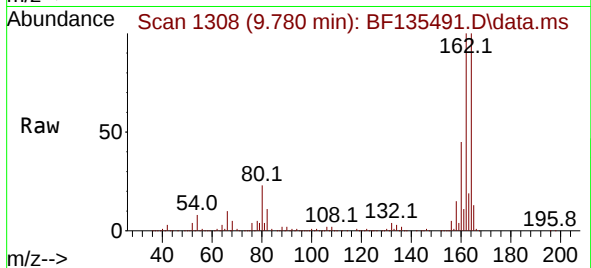
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

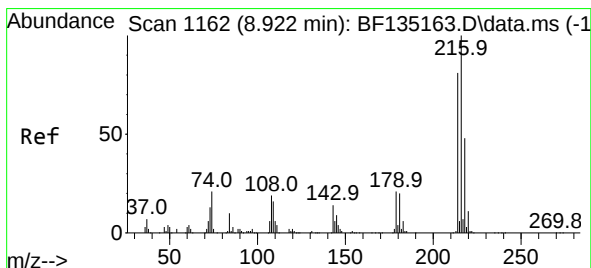
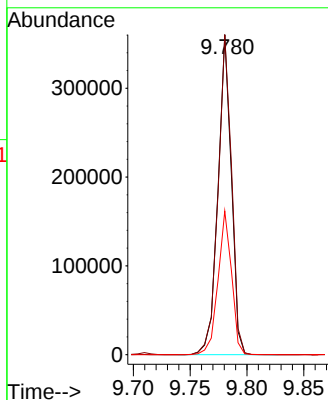
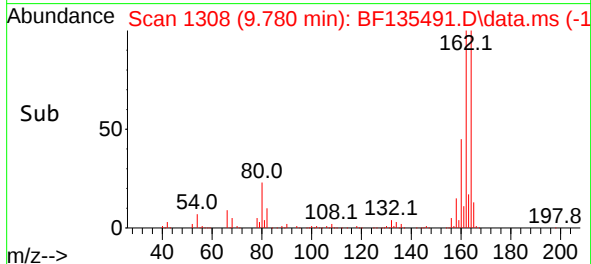


Tgt Ion:164 Resp: 29481
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.9 37.0 55.4

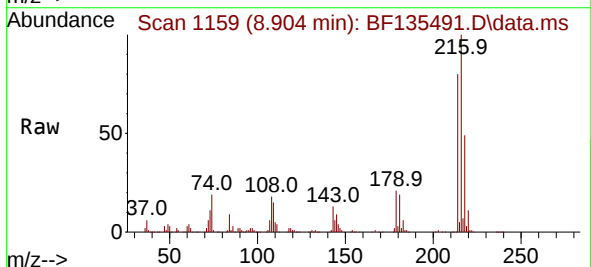
Manual Integrations

APPROVED

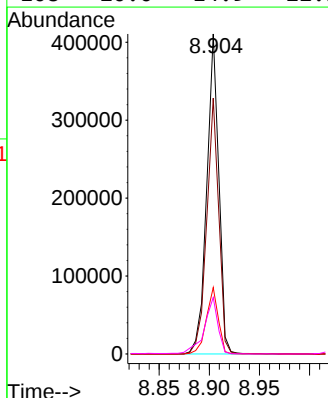
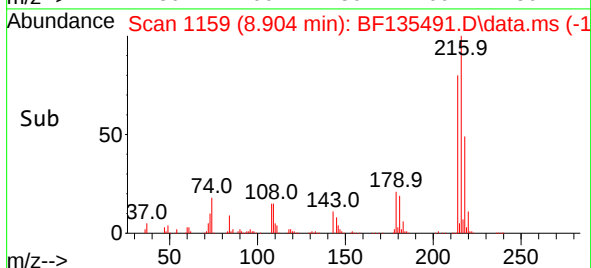
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.451 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



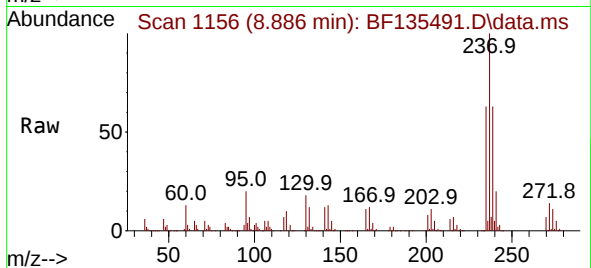
Tgt Ion:216 Resp: 345492
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 20.6 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 52.424 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

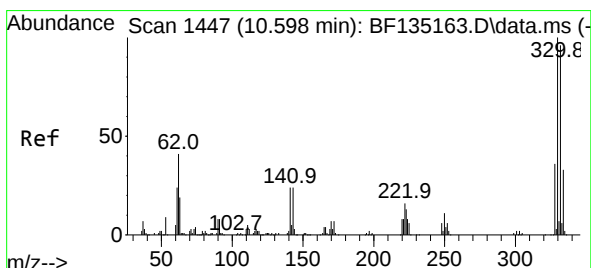
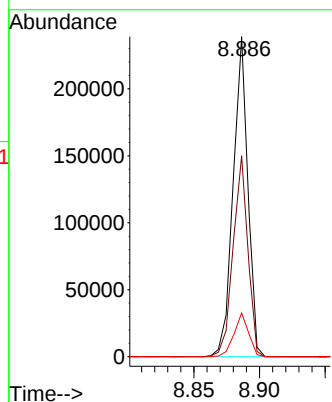
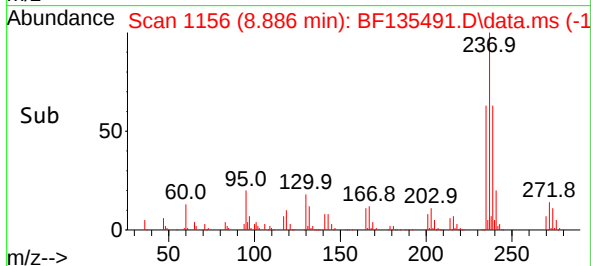
Instrument :
BNA_F
ClientSampleId :
PB155842BS



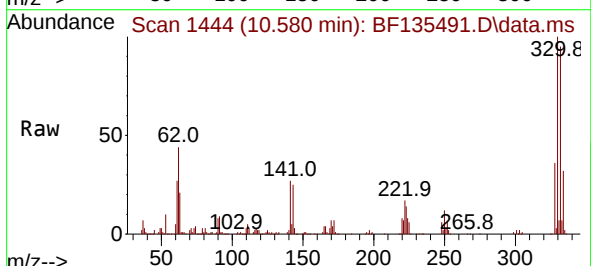
Tgt Ion:237 Resp: 186739
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.7 0.0 33.6

Manual Integrations
APPROVED

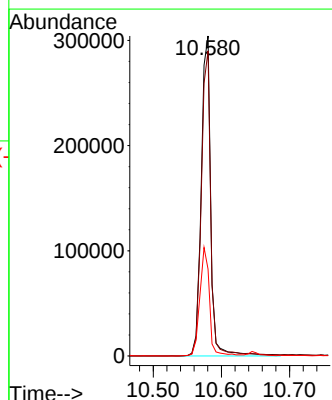
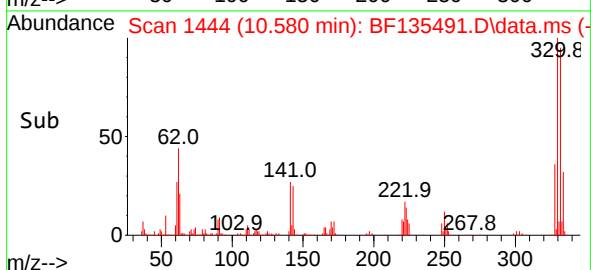
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

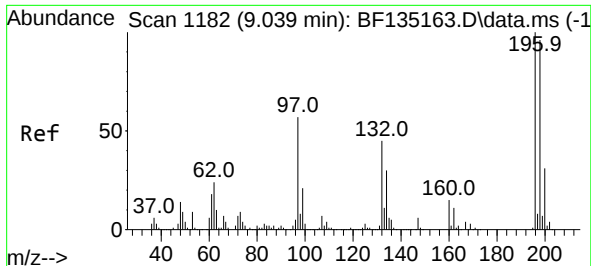


#42
2,4,6-Tribromophenol
Concen: 100.894 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:330 Resp: 295592
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 34.5 25.8 38.8





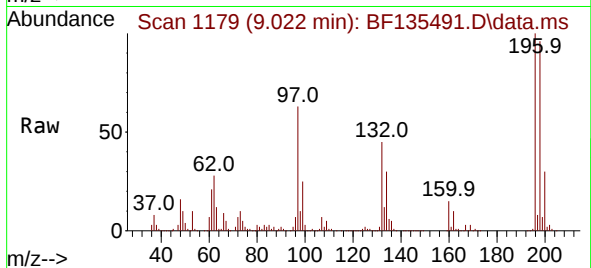
#43
2,4,6-Trichlorophenol
Concen: 40.550 ng
RT: 9.022 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

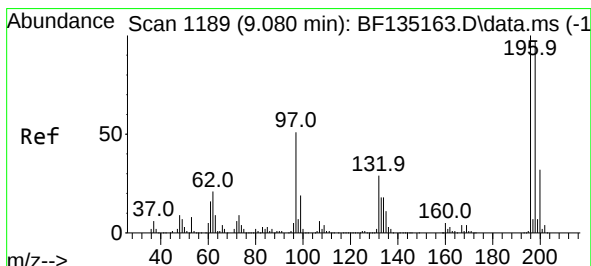
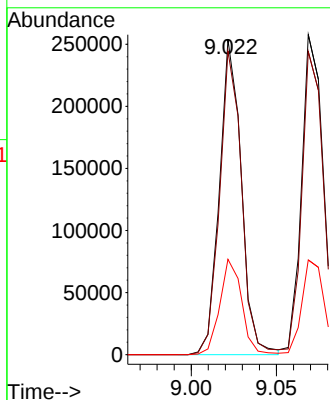
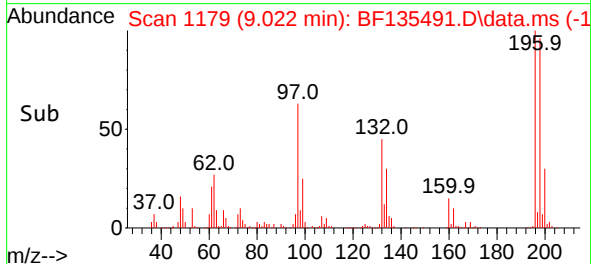


Tgt Ion:196 Resp: 226760
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 30.3 24.5 36.7

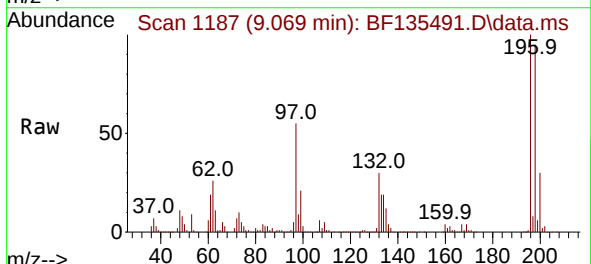
Manual Integrations

APPROVED

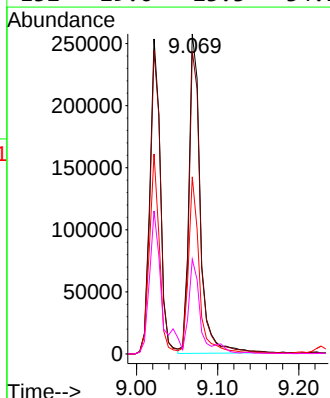
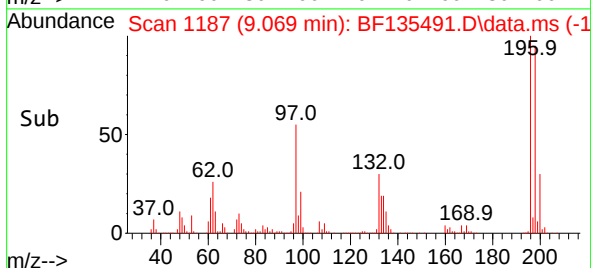
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

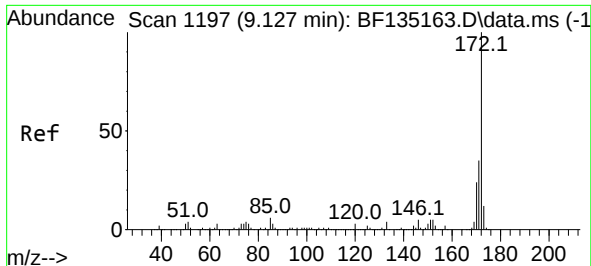


#44
2,4,5-Trichlorophenol
Concen: 39.136 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:196 Resp: 252035
Ion Ratio Lower Upper
196 100
198 94.7 77.5 116.3
97 55.4 40.5 60.7
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.593 ng

RT: 9.104 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135491.D

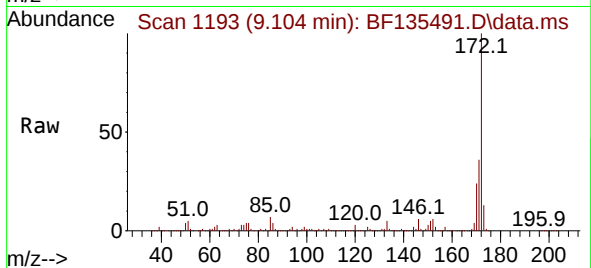
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



Tgt Ion:172 Resp: 139897

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

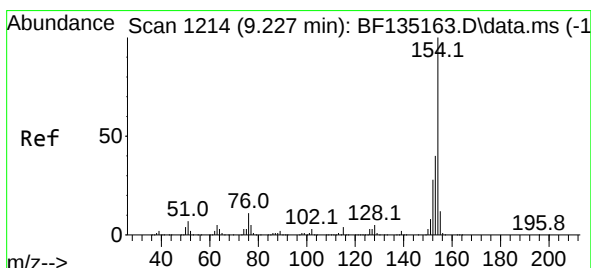
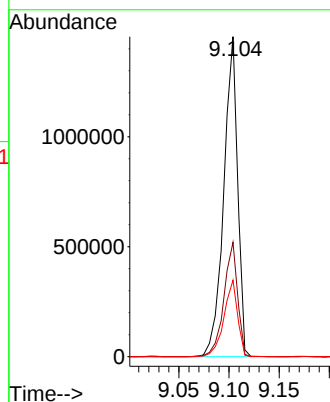
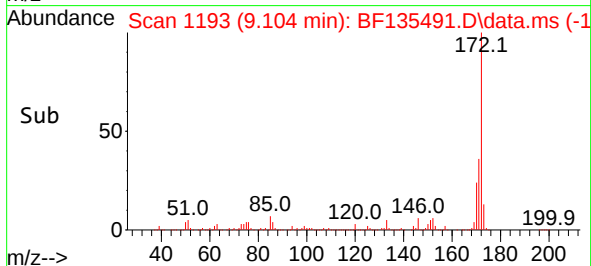
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#46

1,1'-Biphenyl

Concen: 40.716 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

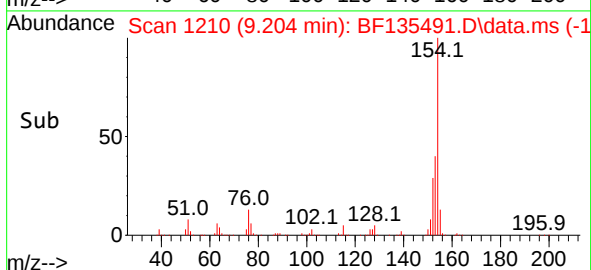
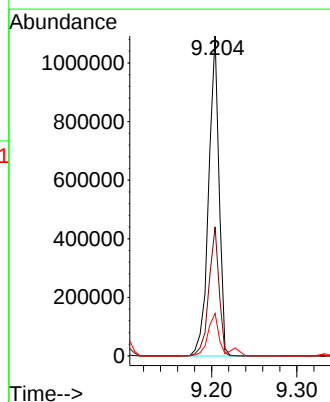
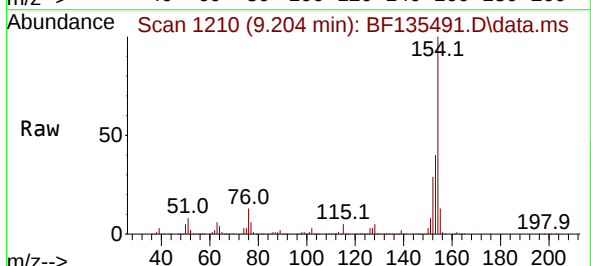
Tgt Ion:154 Resp: 922469

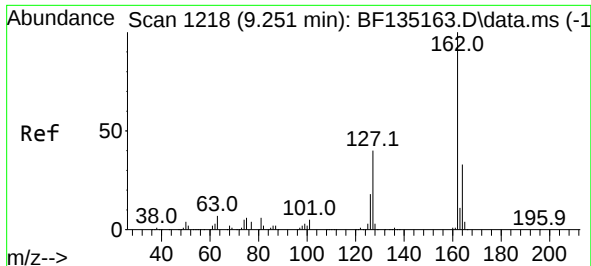
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 13.3 0.0 31.0





#47
2-Chloronaphthalene
Concen: 43.063 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

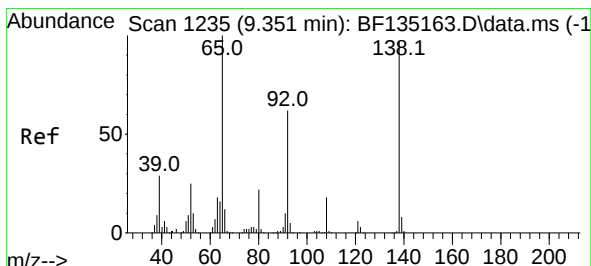
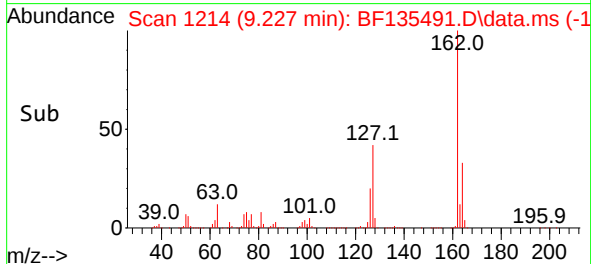
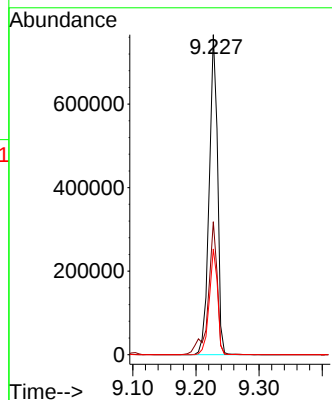
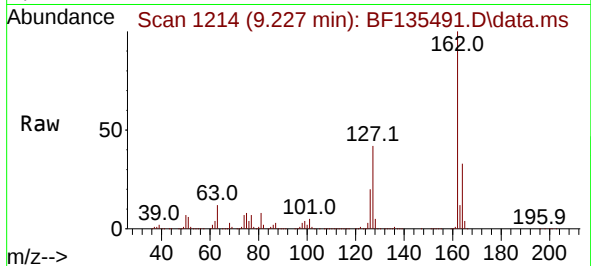
ClientSampleId :

PB155842BS

Tgt Ion:162 Resp: 70787
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2

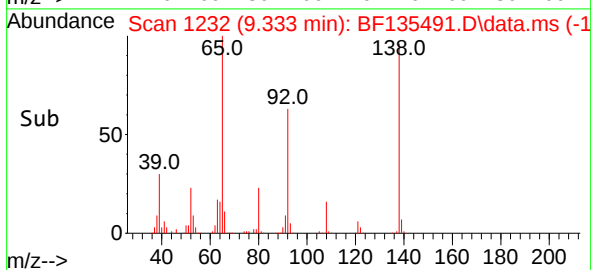
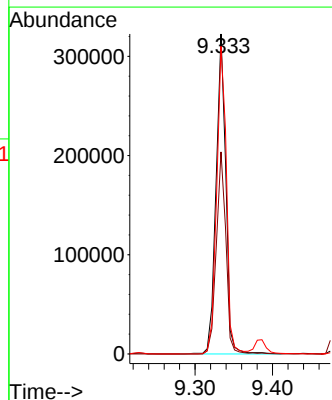
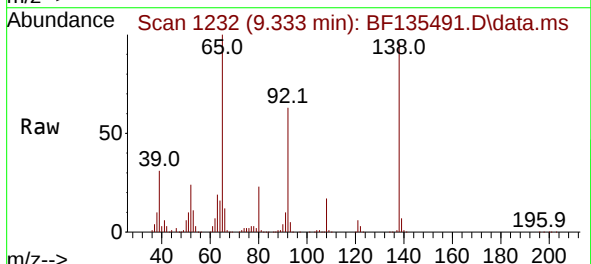
Manual Integrations
APPROVED

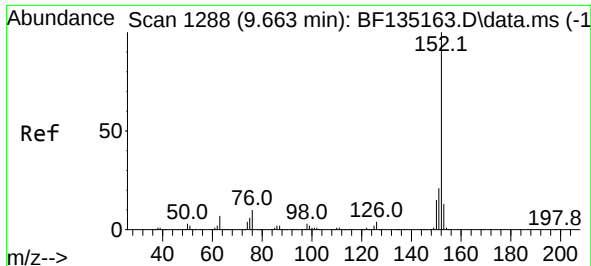
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#48
2-Nitroaniline
Concen: 44.011 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 65 Resp: 281064
Ion Ratio Lower Upper
65 100
92 63.1 49.4 74.0
138 96.1 77.4 116.0





#49

Acenaphthylene

Concen: 41.590 ng

RT: 9.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135491.D

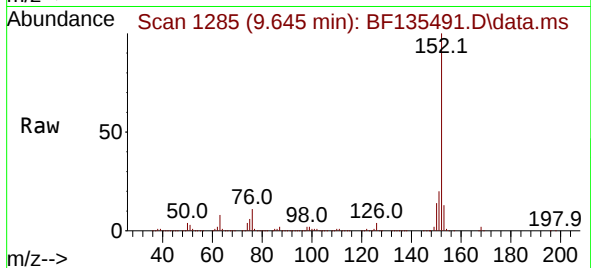
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



Tgt Ion:152 Resp: 1136204

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

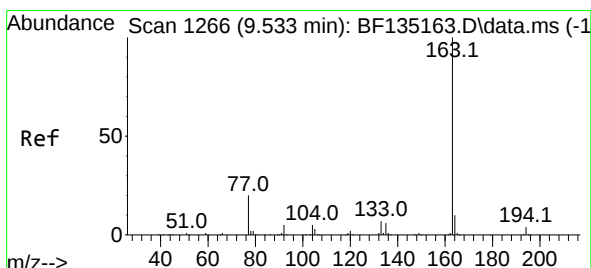
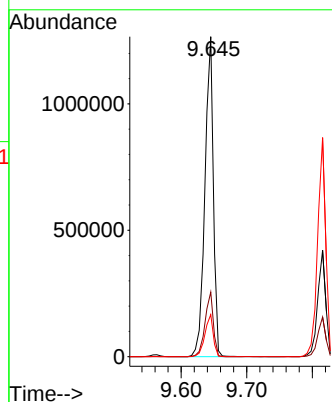
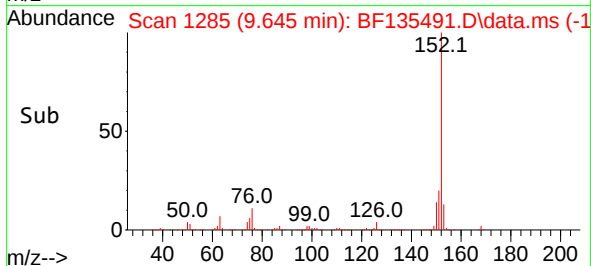
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#50

Dimethylphthalate

Concen: 41.137 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

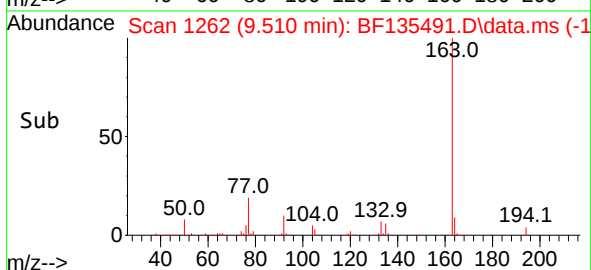
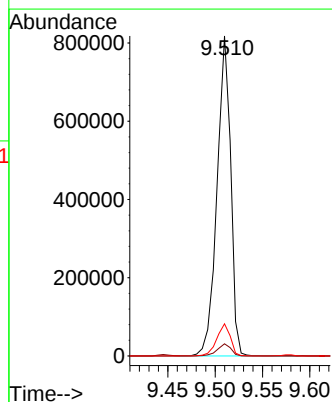
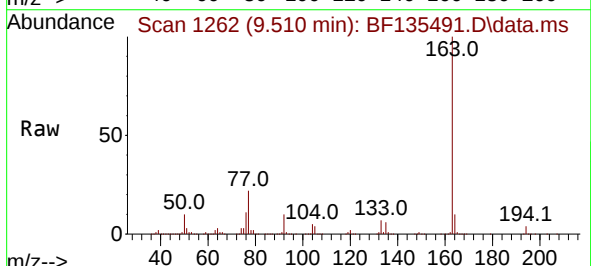
Tgt Ion:163 Resp: 819967

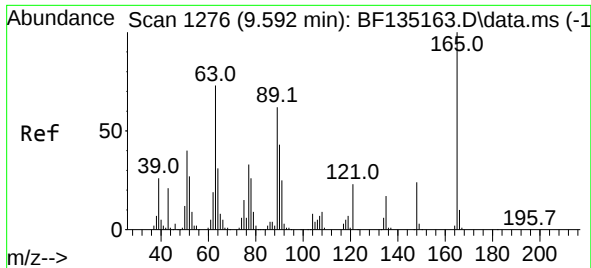
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

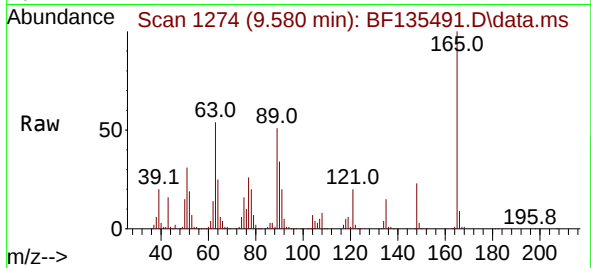
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.572 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

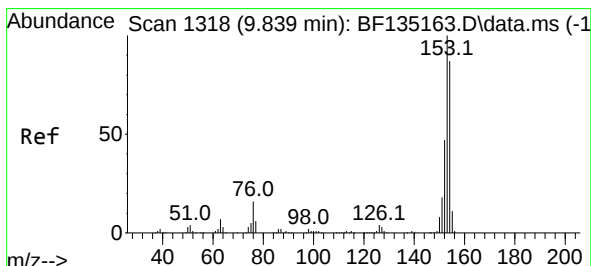
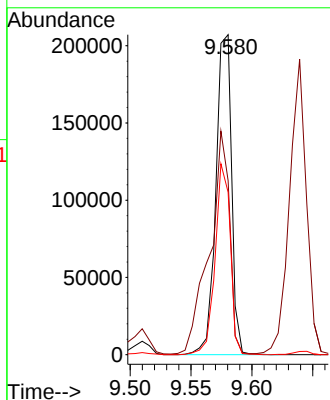
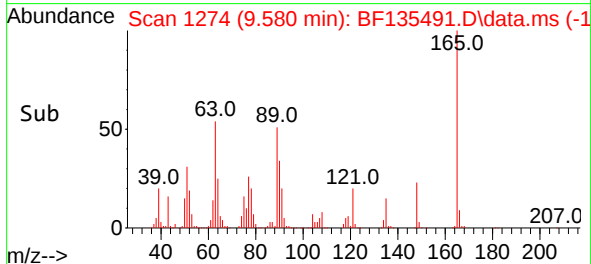
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:165 Resp: 18589
Ion Ratio Lower Upper
165 100
63 54.4 59.4 89.2
89 50.8 49.8 74.8

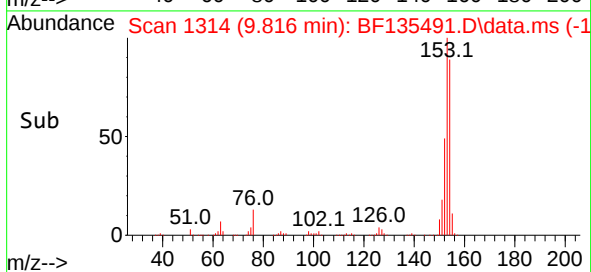
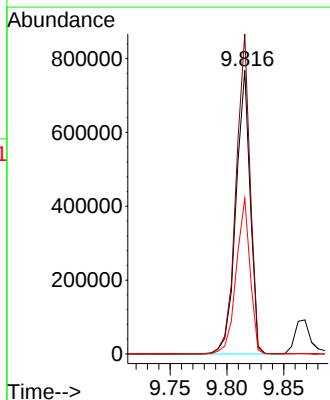
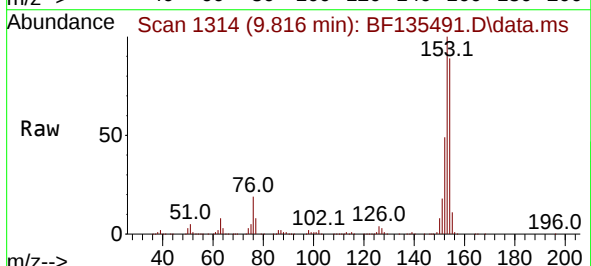
Manual Integrations
APPROVED

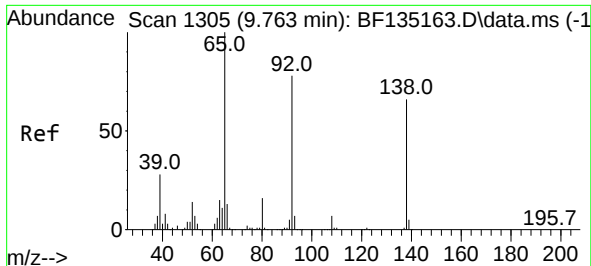
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#52
Acenaphthene
Concen: 41.302 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:154 Resp: 666556
Ion Ratio Lower Upper
154 100
153 112.9 92.1 138.1
152 54.8 43.1 64.7





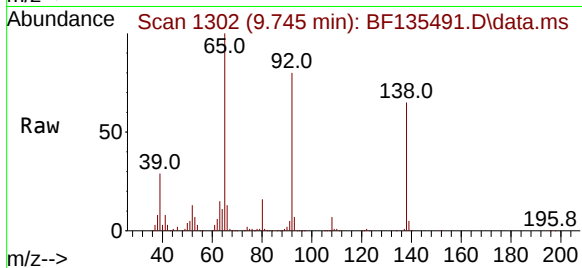
#53
3-Nitroaniline
Concen: 33.517 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

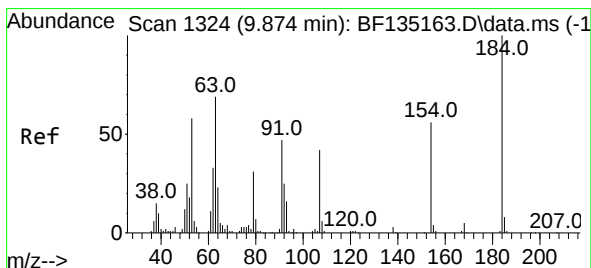
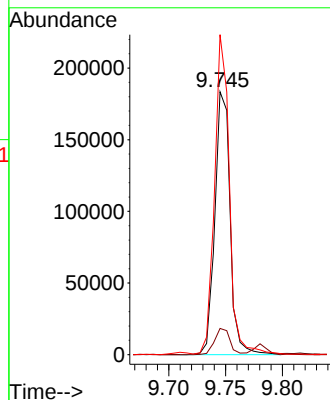
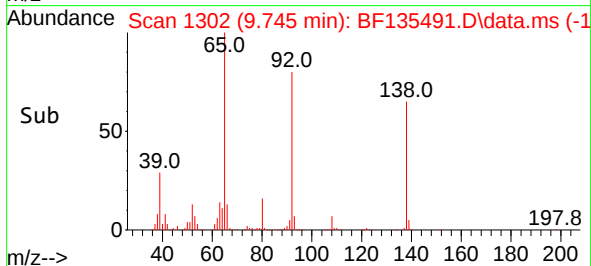


Tgt Ion:138 Resp: 17179
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 121.7 95.4 143.0

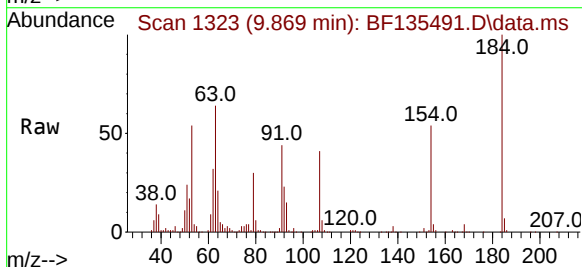
Manual Integrations

APPROVED

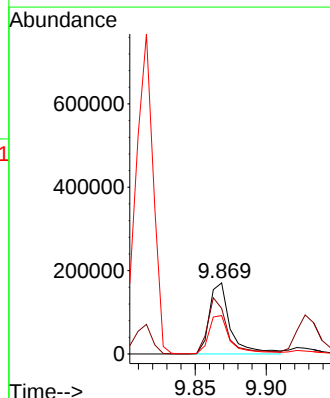
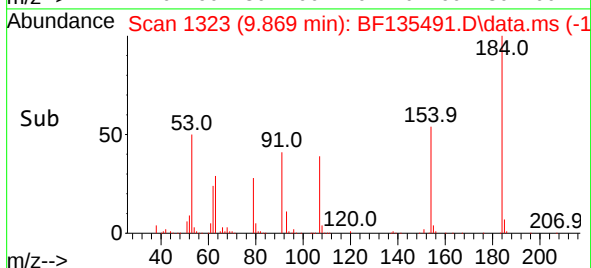
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

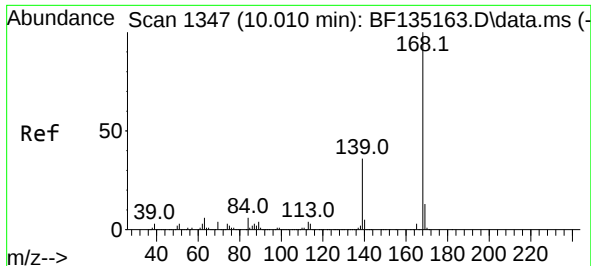


#54
2,4-Dinitrophenol
Concen: 71.110 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:184 Resp: 174403
Ion Ratio Lower Upper
184 100
63 64.2 55.1 82.7
154 54.1 48.4 72.6





#55
Dibenzofuran
Concen: 38.511 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

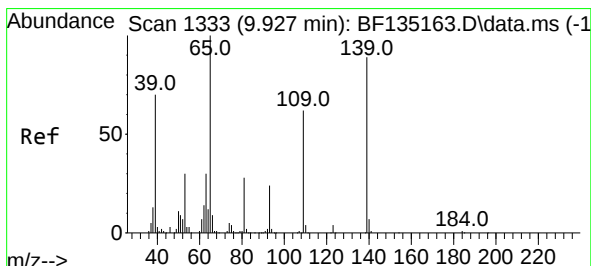
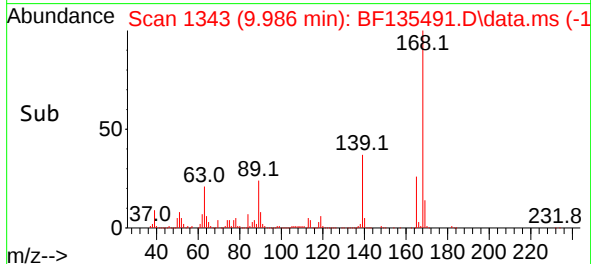
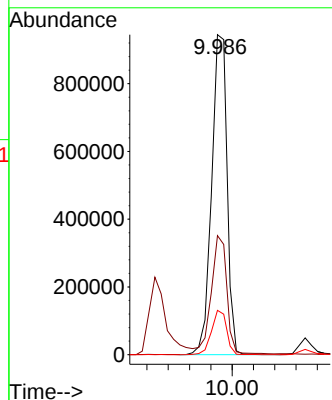
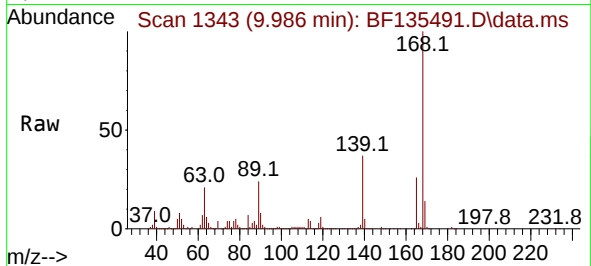
ClientSampleId :

PB155842BS

Tgt Ion:168 Resp: 94842
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.6
169 13.8 10.4 15.6

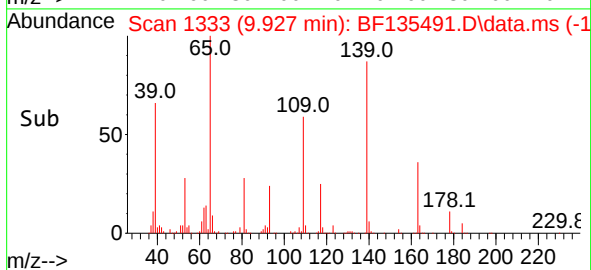
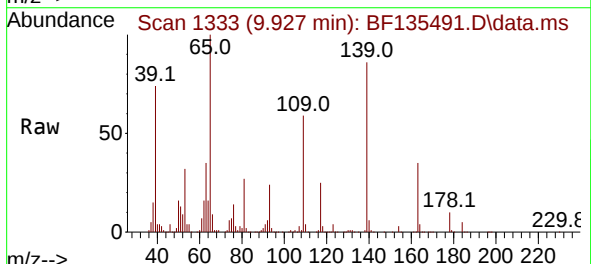
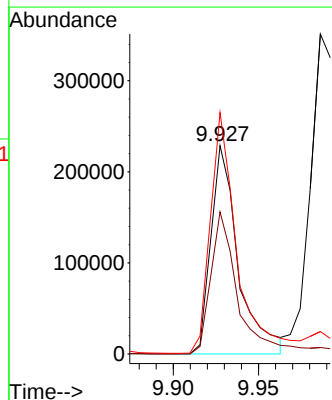
Manual Integrations
APPROVED

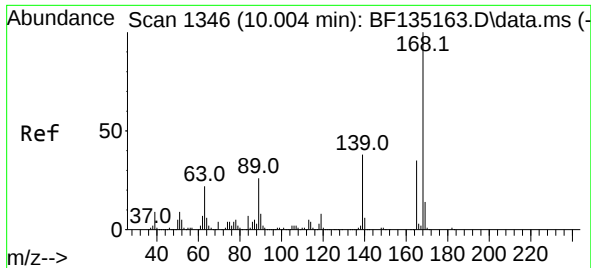
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#56
4-Nitrophenol
Concen: 78.083 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:139 Resp: 254361
Ion Ratio Lower Upper
139 100
109 68.2 49.8 89.8
65 115.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 38.647 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

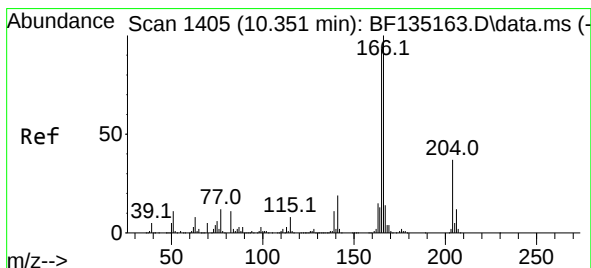
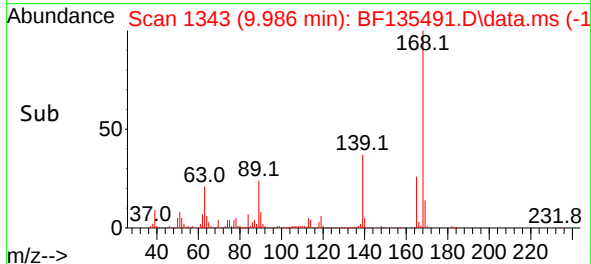
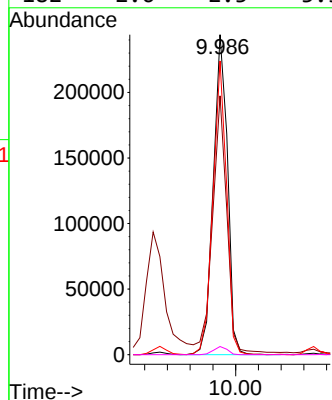
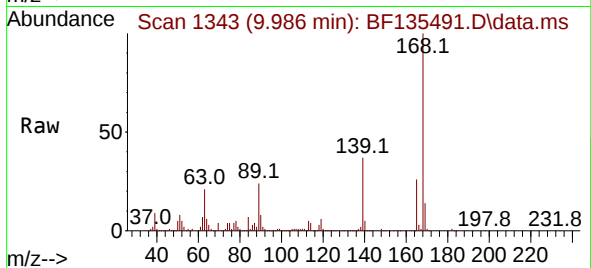
PB155842BS

Tgt Ion:165 Resp: 21126
Ion Ratio Lower Upper
165 100
63 80.9 50.1 75.1
89 91.8 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

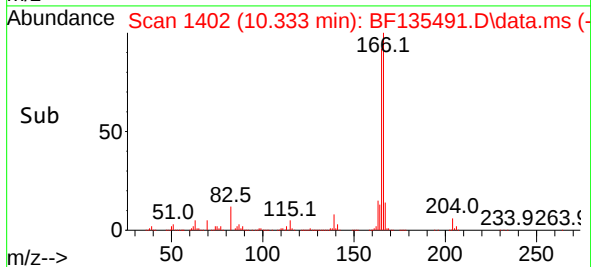
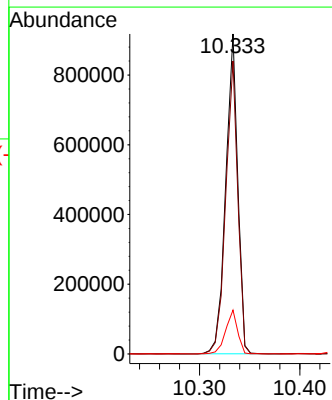
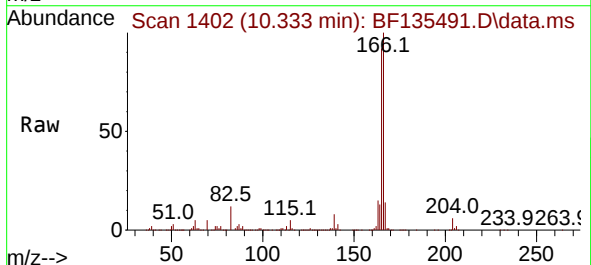
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#58
Fluorene
Concen: 40.309 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

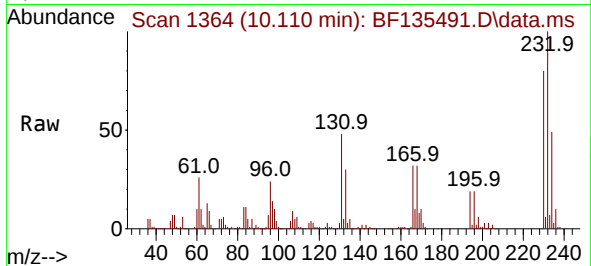
Tgt Ion:166 Resp: 763150
Ion Ratio Lower Upper
166 100
165 91.6 74.3 111.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.009 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

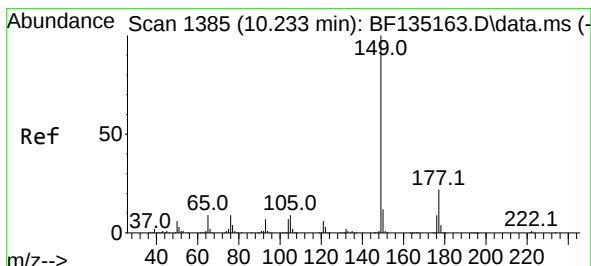
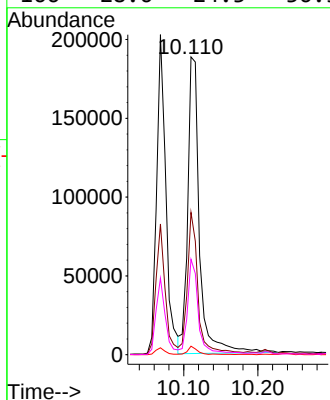
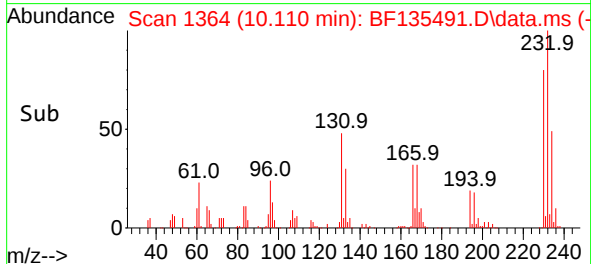
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:232 Resp: 208100
Ion Ratio Lower Upper
232 100
131 41.6 35.4 53.2
130 2.6 1.8 2.8
166 28.6 24.3 36.5

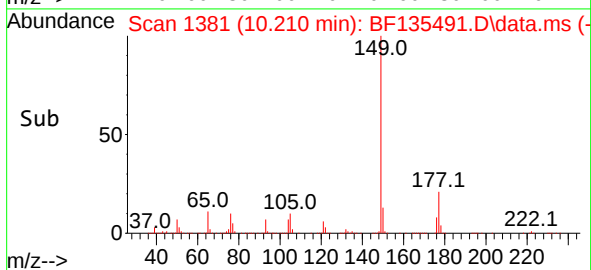
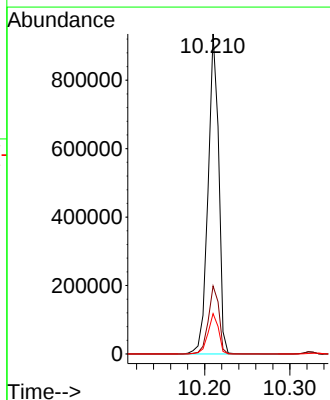
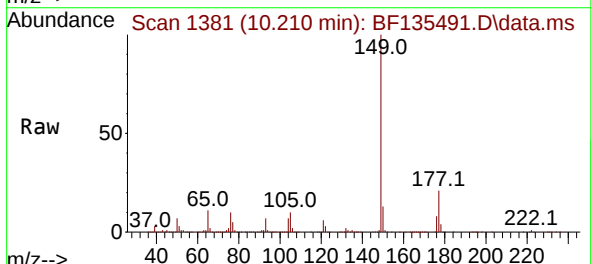
Manual Integrations
APPROVED

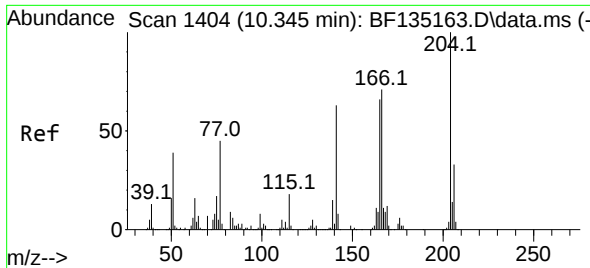
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#60
Diethylphthalate
Concen: 40.421 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

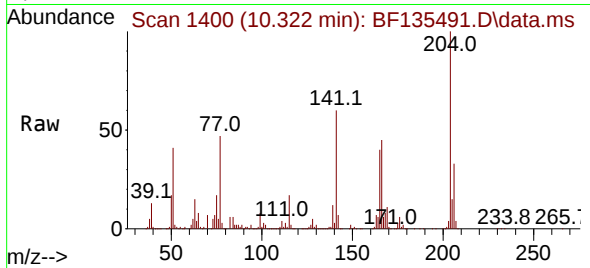
Tgt Ion:149 Resp: 808584
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.476 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

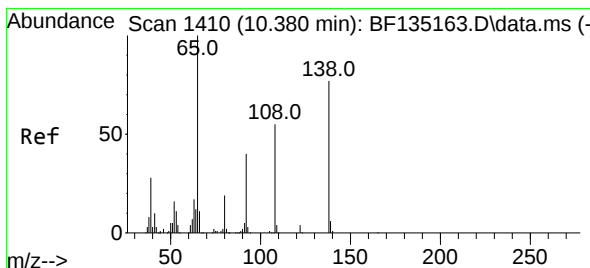
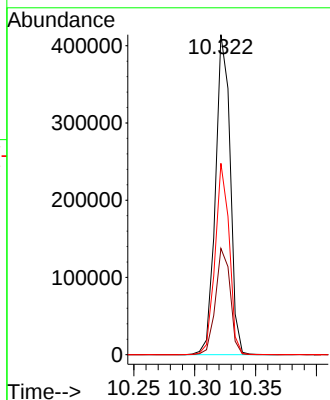
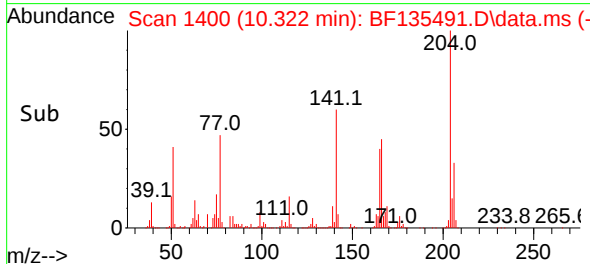
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:204 Resp: 34992
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 59.8 50.6 75.8

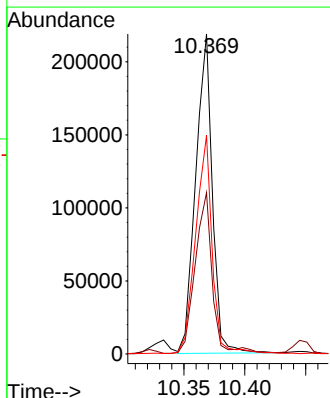
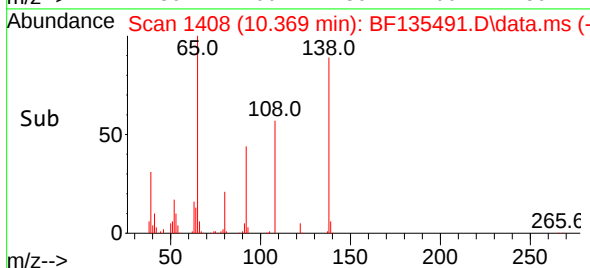
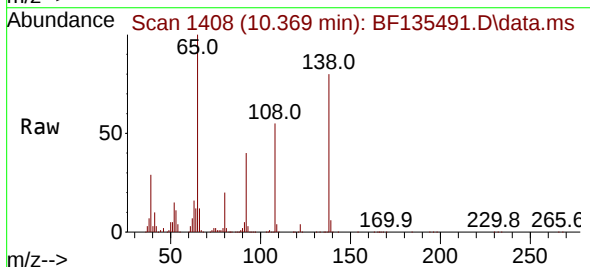
Manual Integrations
APPROVED

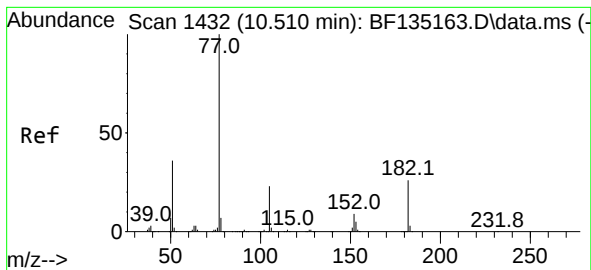
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#62
4-Nitroaniline
Concen: 42.274 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

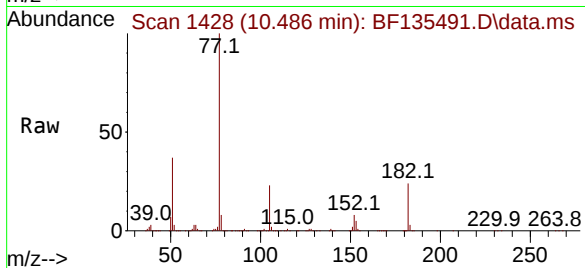
Tgt Ion:138 Resp: 208280
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 68.3 52.0 92.0





#63
Azobenzene
Concen: 43.018 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

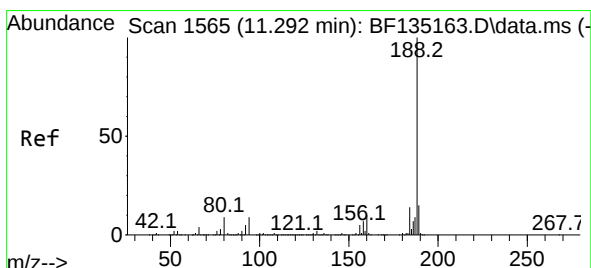
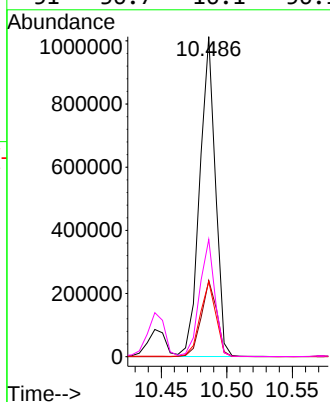
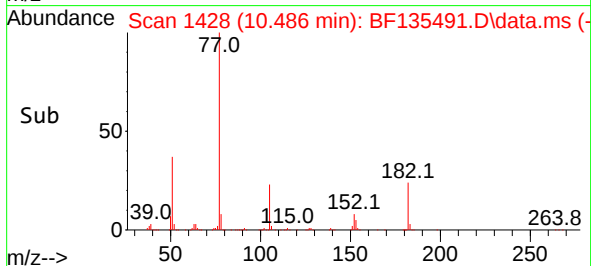
Instrument :
BNA_F
ClientSampleId :
PB155842BS



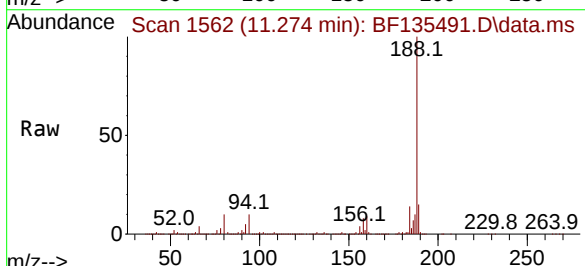
Tgt Ion: 77 Resp: 842186
Ion Ratio Lower Upper
77 100
182 23.8 6.4 46.4
105 23.4 3.1 43.1
51 36.7 16.1 56.1

Manual Integrations
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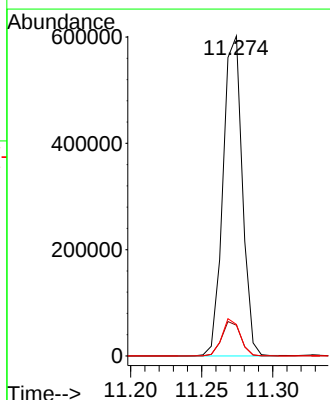
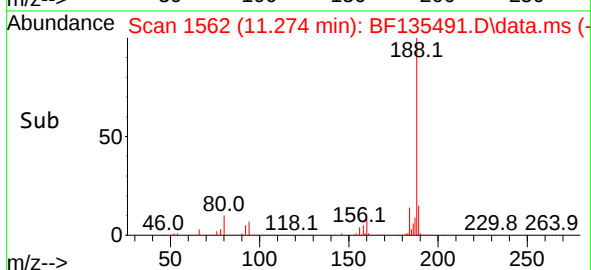
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

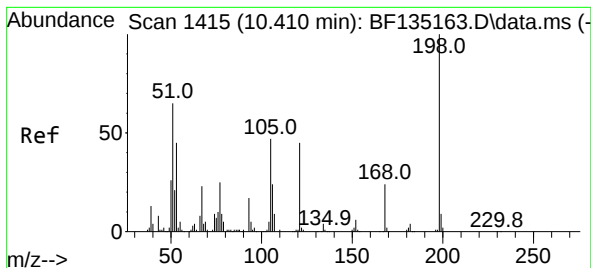


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



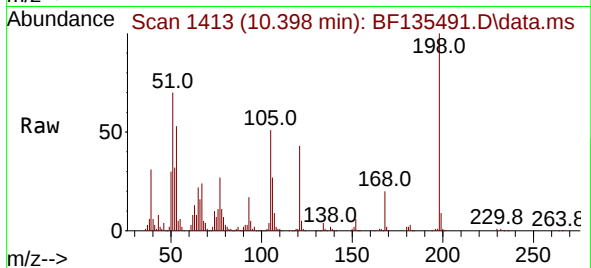
Tgt Ion:188 Resp: 568067
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.740 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

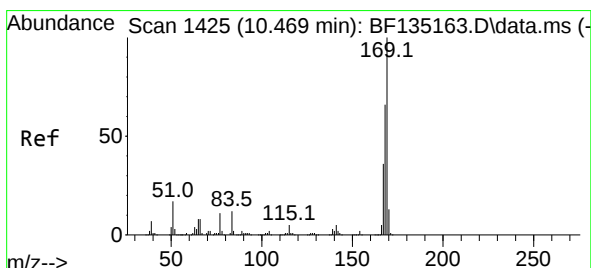
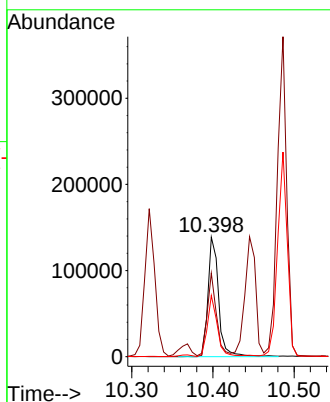
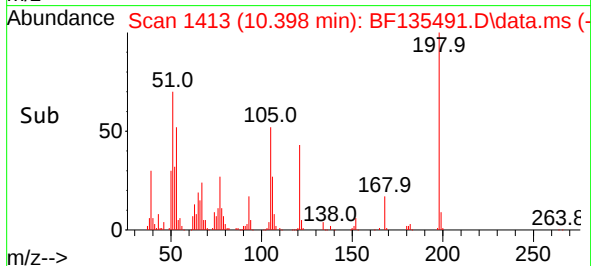
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:198 Resp: 125938
Ion Ratio Lower Upper
198 100
51 69.8 47.7 87.7
105 51.1 27.4 67.4

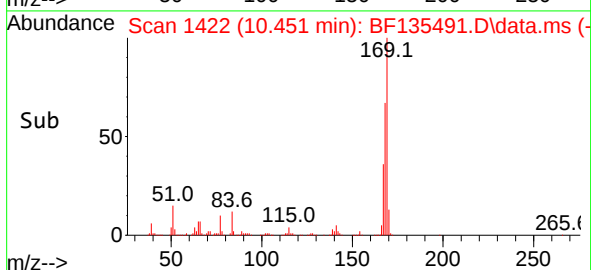
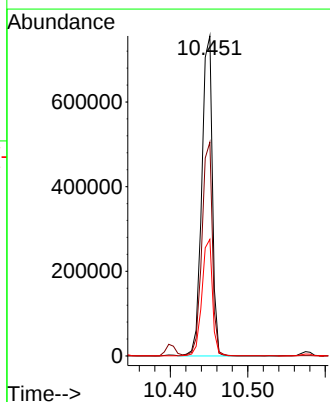
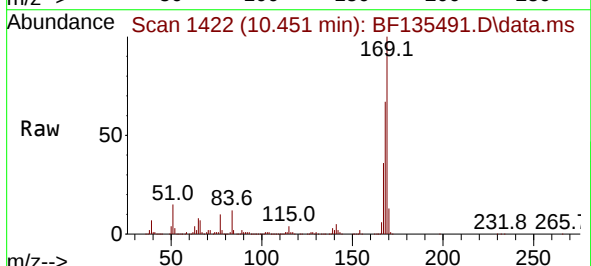
Manual Integrations
APPROVED

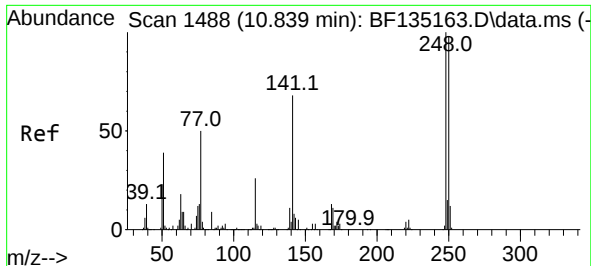
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#66
n-Nitrosodiphenylamine
Concen: 41.620 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

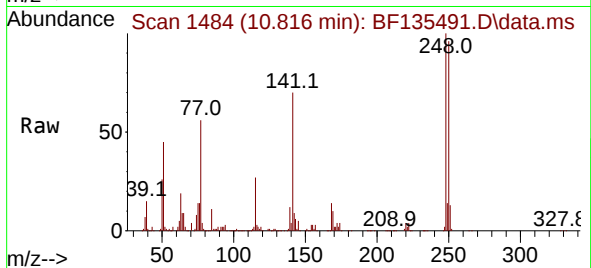
Tgt Ion:169 Resp: 715778
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 39.401 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

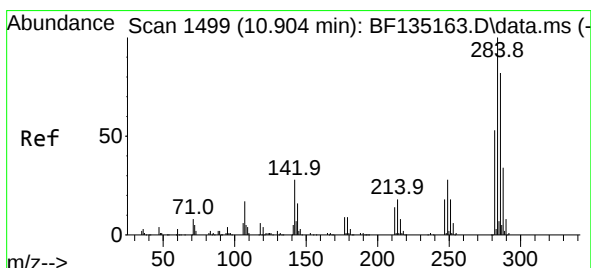
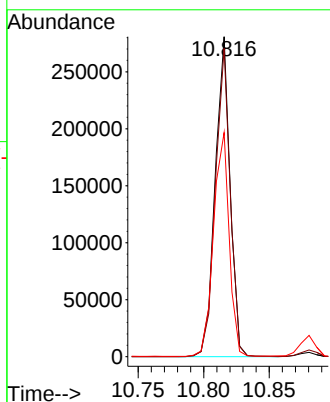
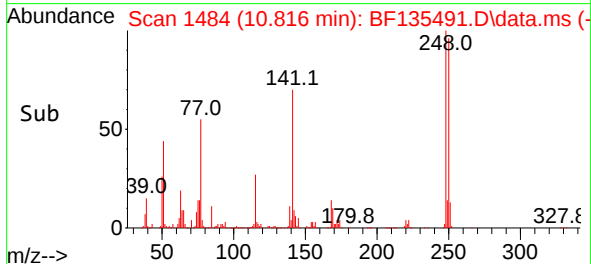
Instrument :
BNA_F
ClientSampleId :
PB155842BS



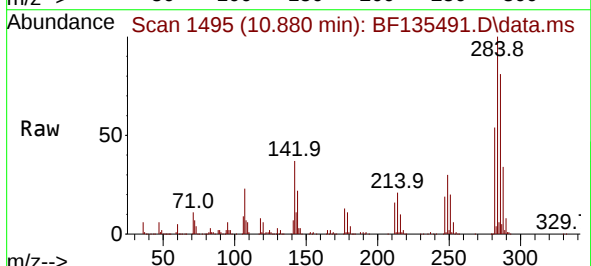
Tgt Ion:248 Resp: 222608
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 70.1 54.2 81.2

Manual Integrations
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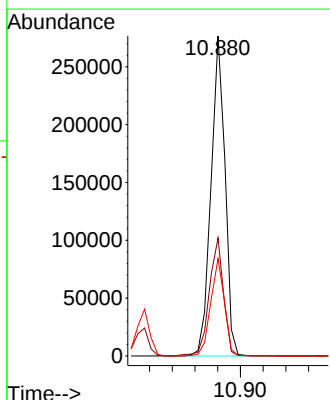
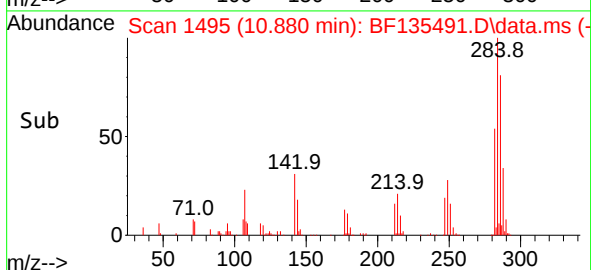
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

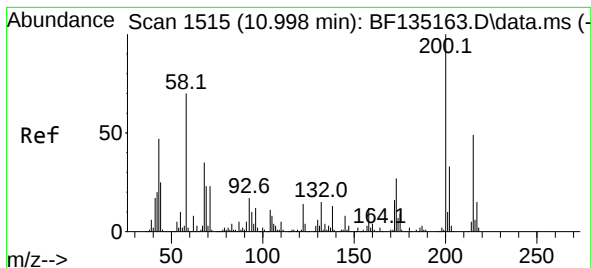


#68
Hexachlorobenzene
Concen: 41.150 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:284 Resp: 236855
Ion Ratio Lower Upper
284 100
142 36.9 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 45.681 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

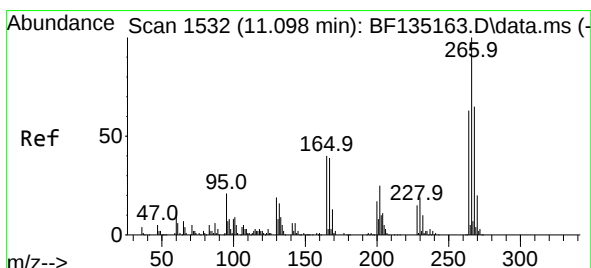
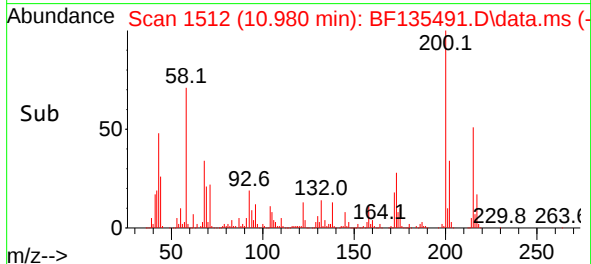
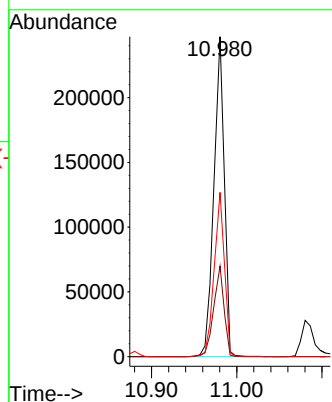
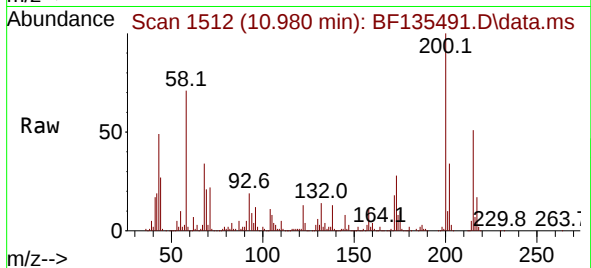
PB155842BS

Tgt Ion:200 Resp: 21138
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.4 47.4
 215 51.4 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023



#70

Pentachlorophenol

Concen: 54.203 ng

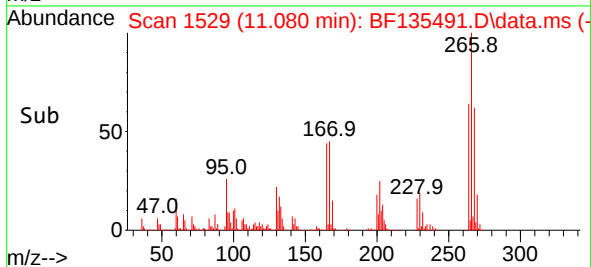
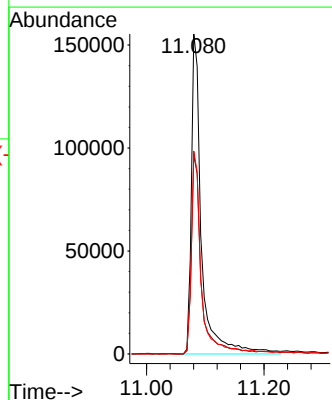
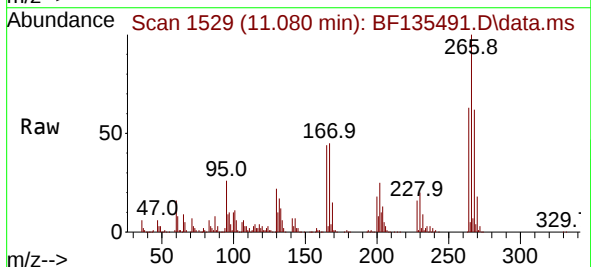
RT: 11.080 min Scan# 1529

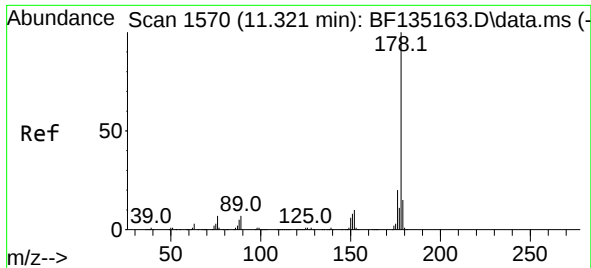
Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion:266 Resp: 186663
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.1 78.1
 264 63.4 50.8 76.2





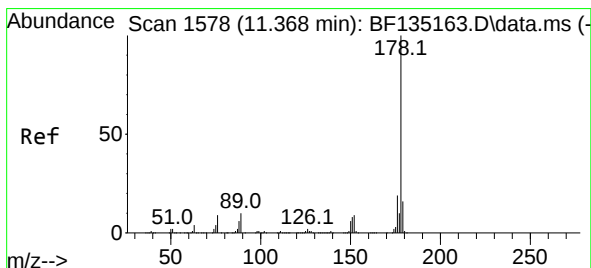
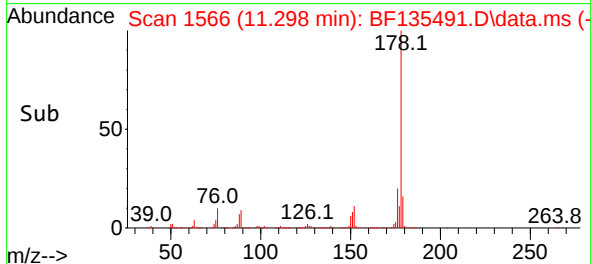
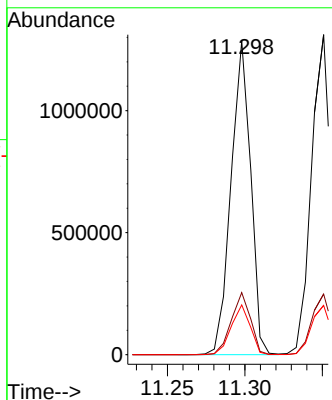
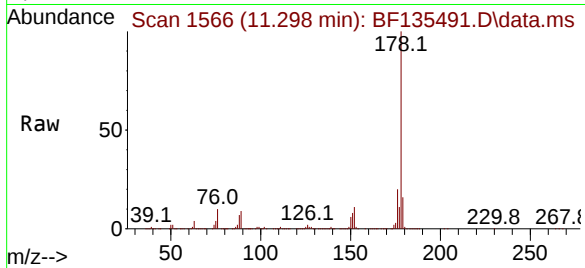
#71
Phenanthrene
Concen: 42.111 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion:178 Resp: 113140
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.0 18.0

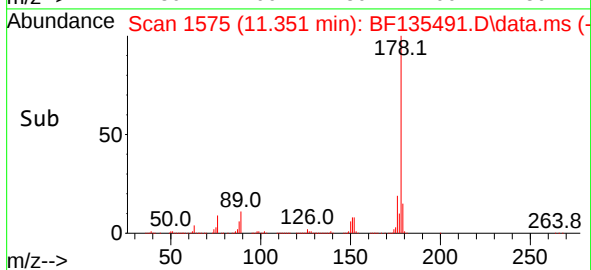
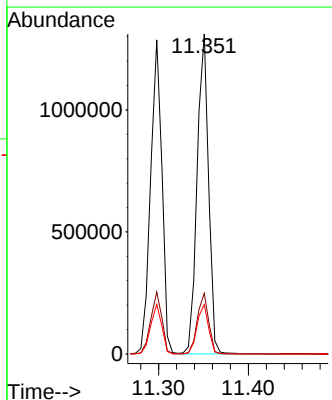
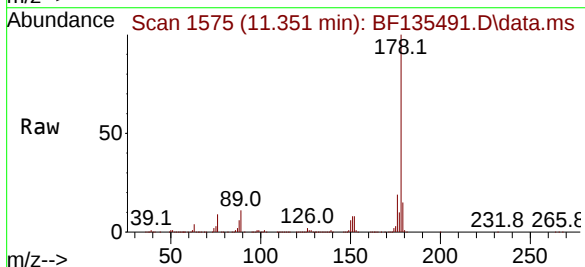
Manual Integrations
APPROVED

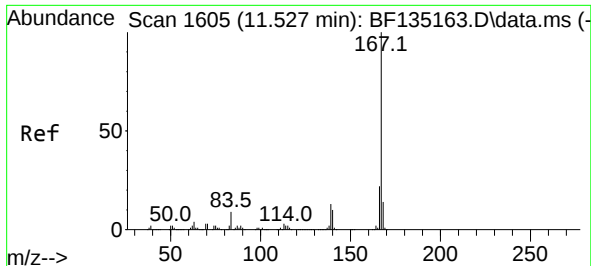
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#72
Anthracene
Concen: 42.023 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

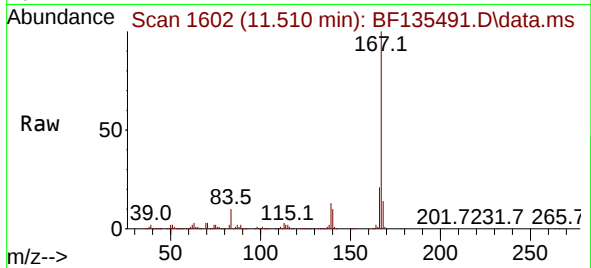
Tgt Ion:178 Resp: 1160531
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.6 19.0





#73
Carbazole
Concen: 44.496 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

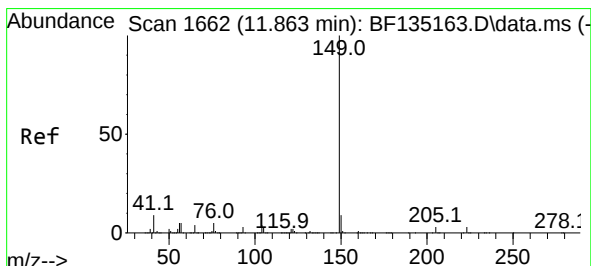
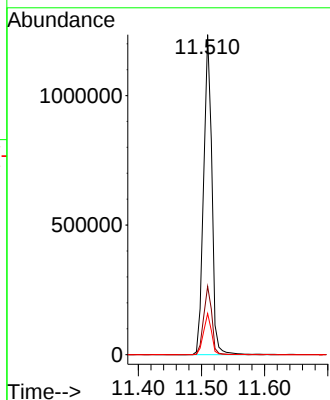
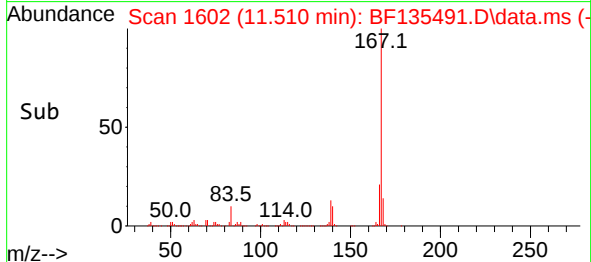
Instrument :
BNA_F
ClientSampleId :
PB155842BS



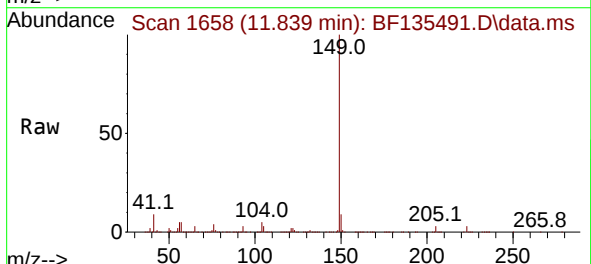
Tgt Ion:167 Resp: 1118630
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 12.8 10.6 15.8

Manual Integrations
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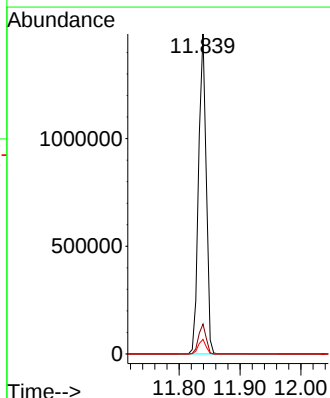
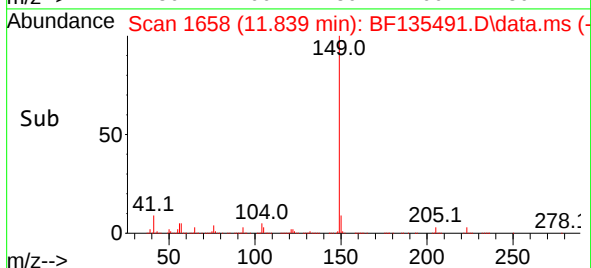
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

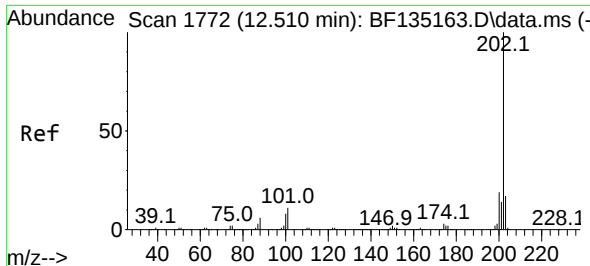


#74
Di-n-butylphthalate
Concen: 43.332 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



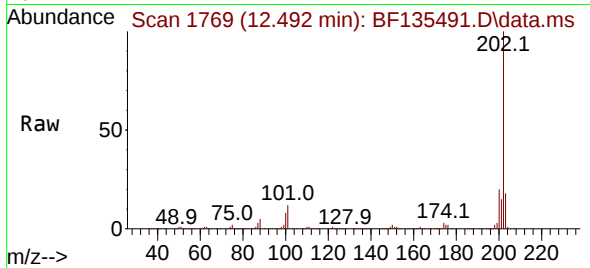
Tgt Ion:149 Resp: 1283650
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 43.259 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

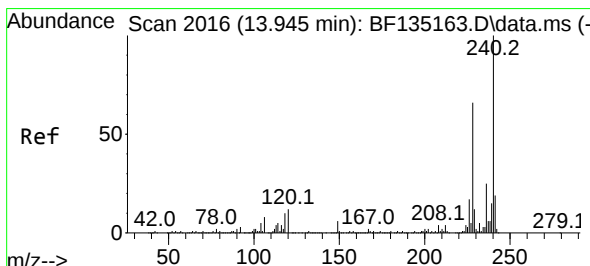
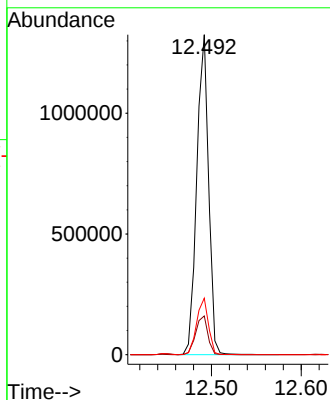
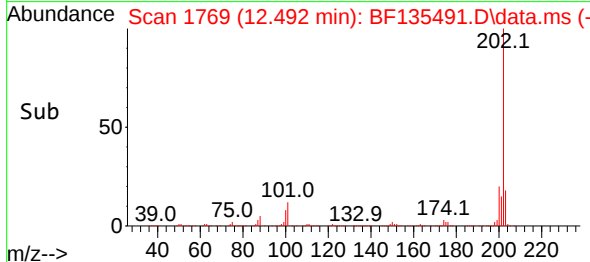
Instrument :
BNA_F
ClientSampleId :
PB155842BS



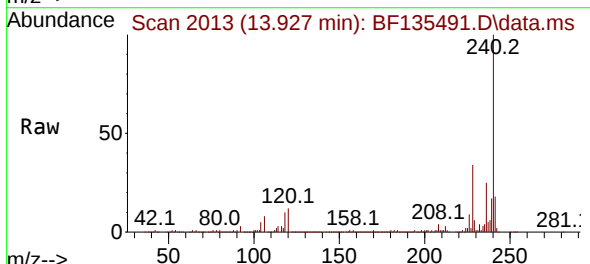
Tgt Ion:202 Resp: 121106
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 17.7 0.0 37.4

Manual Integrations
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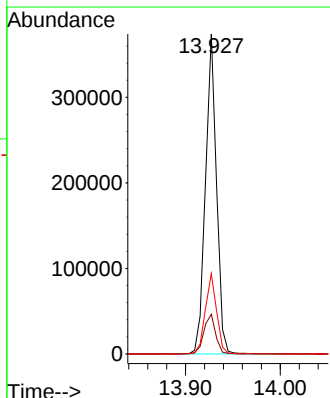
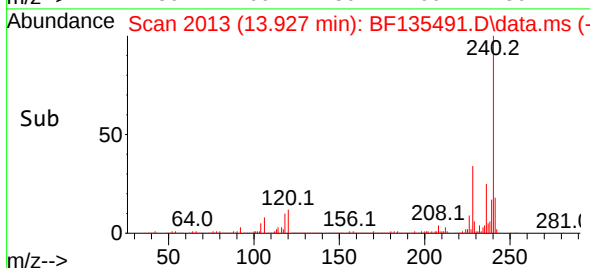
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

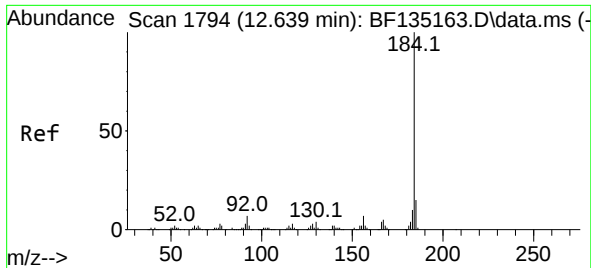


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



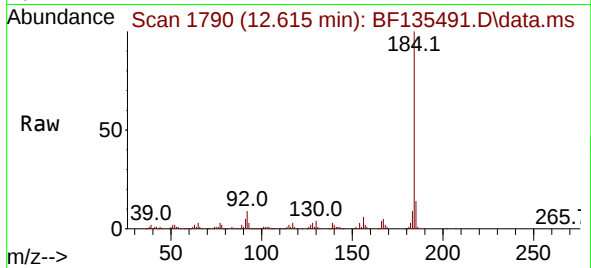
Tgt Ion:240 Resp: 301717
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.1 19.8 29.8





#77
Benzidine
Concen: 42.784 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

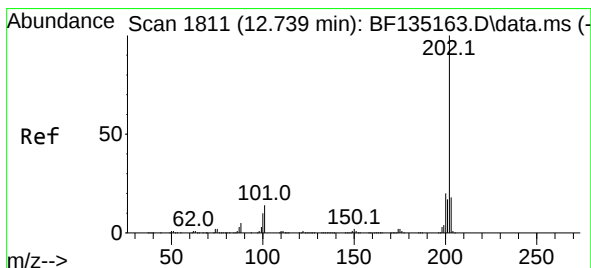
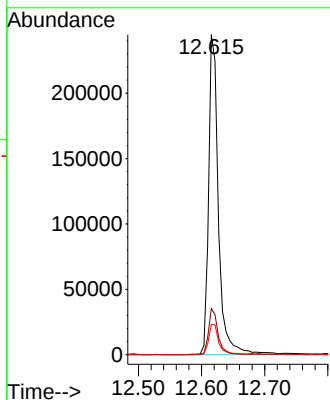
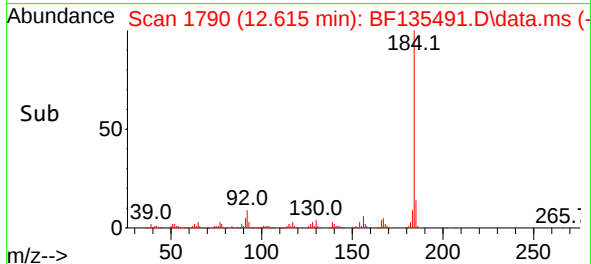
Instrument :
BNA_F
ClientSampleId :
PB155842BS



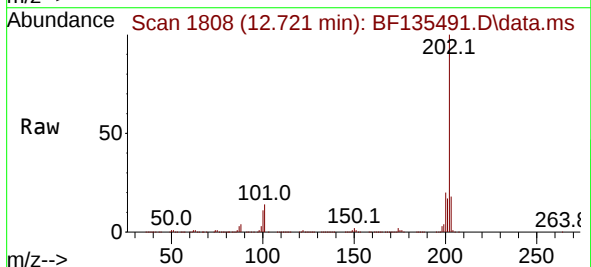
Tgt Ion:184 Resp: 26445
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 9.5 8.2 12.4

Manual Integrations
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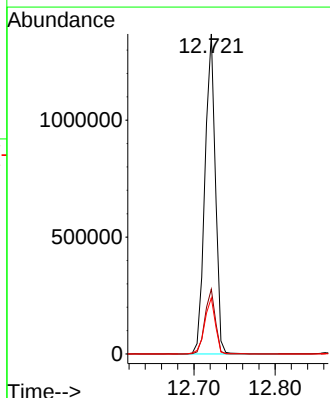
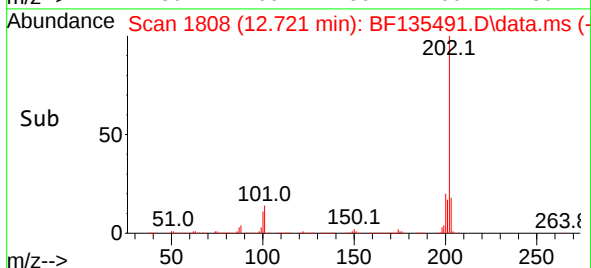
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

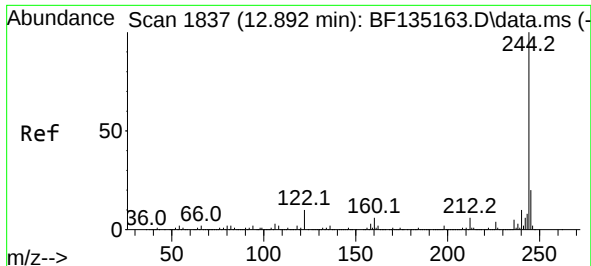


#78
Pyrene
Concen: 42.448 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:202 Resp: 1219357
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.5 14.2 21.4





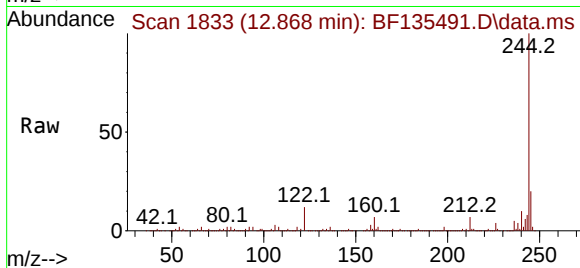
#79
 Terphenyl-d14
 Concen: 73.319 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

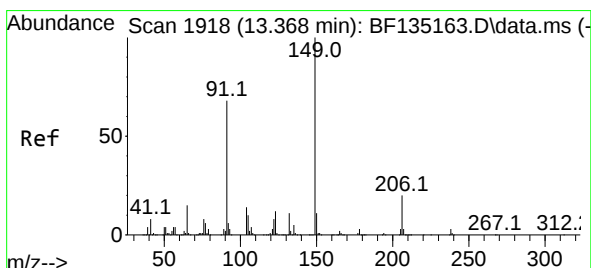
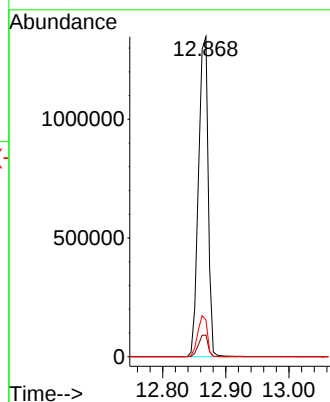
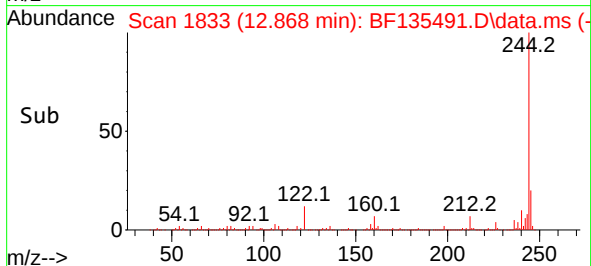


Tgt Ion:244 Resp: 1427011
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.5 7.9 11.9

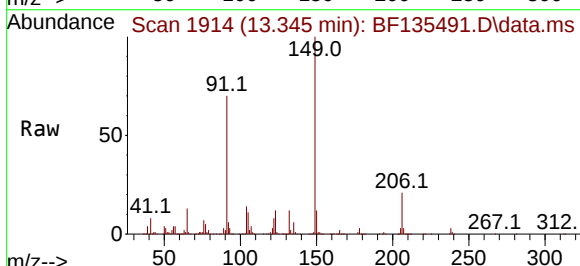
Manual Integrations

APPROVED

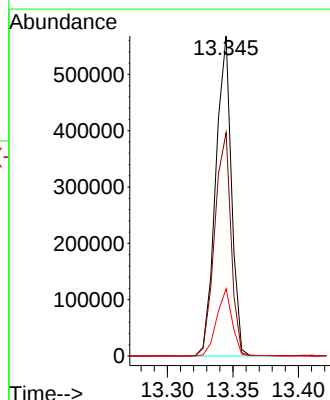
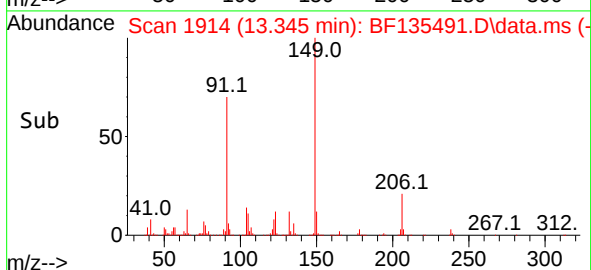
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/29/2023

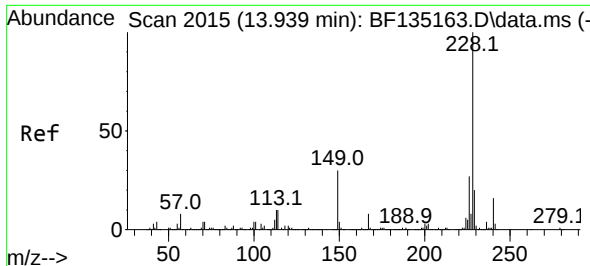


#80
 Butylbenzylphthalate
 Concen: 46.915 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57



Tgt Ion:149 Resp: 474493
 Ion Ratio Lower Upper
 149 100
 91 69.8 54.7 82.1
 206 21.0 16.3 24.5





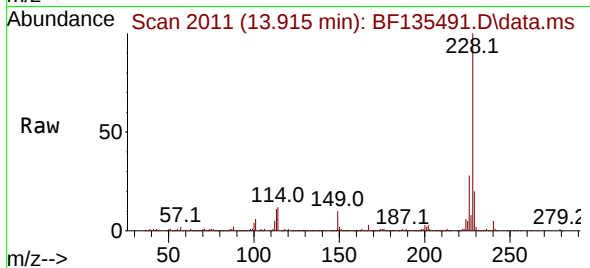
#81
Benzo(a)anthracene
Concen: 42.658 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

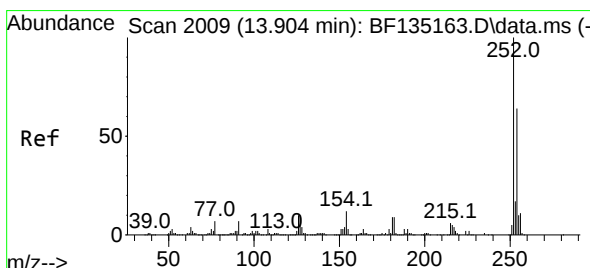
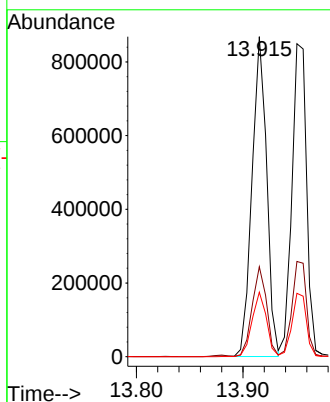
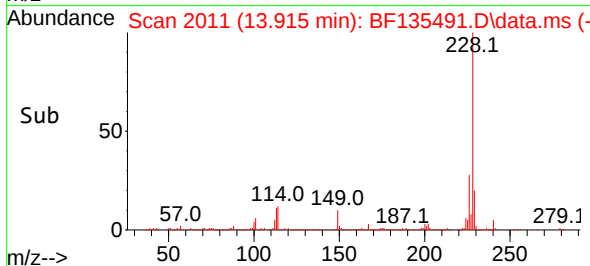


Tgt Ion:228 Resp: 831090
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.1 15.8 23.8

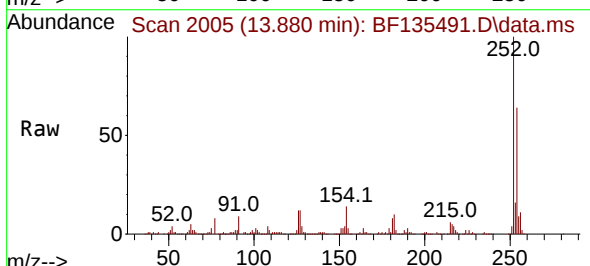
Manual Integrations

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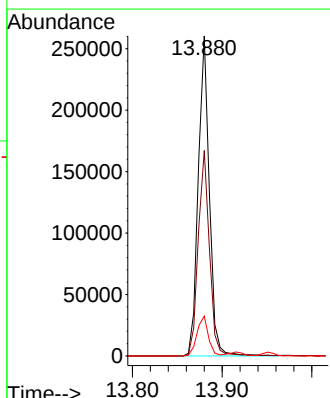
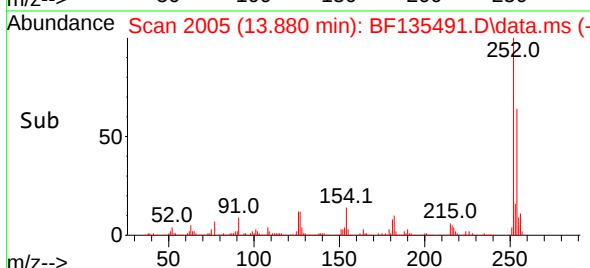
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

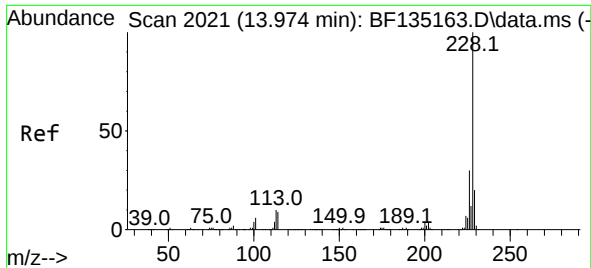


#82
3,3'-Dichlorobenzidine
Concen: 36.879 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



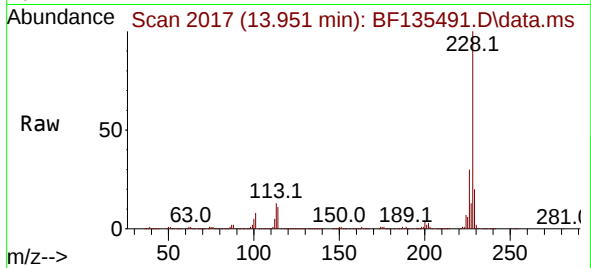
Tgt Ion:252 Resp: 224427
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 12.5 7.8 11.8





#83
Chrysene
Concen: 42.199 ng
RT: 13.951 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

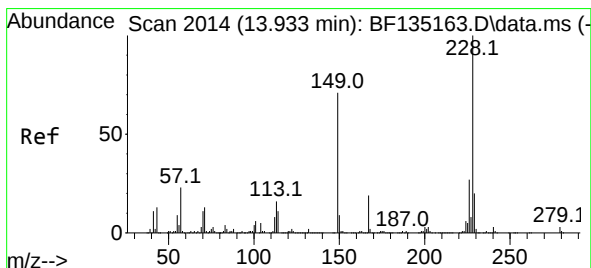
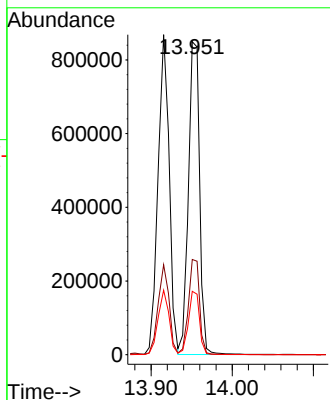
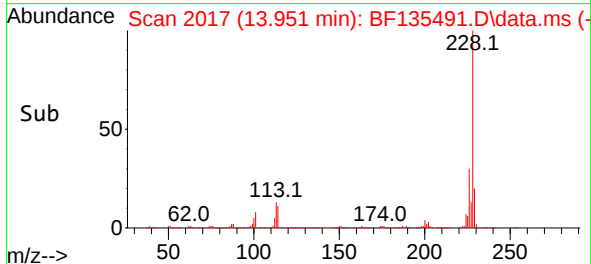
Instrument :
BNA_F
ClientSampleId :
PB155842BS



Tgt Ion:228 Resp: 817415
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.3 16.0 24.0

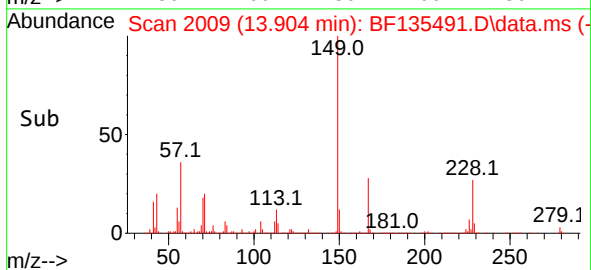
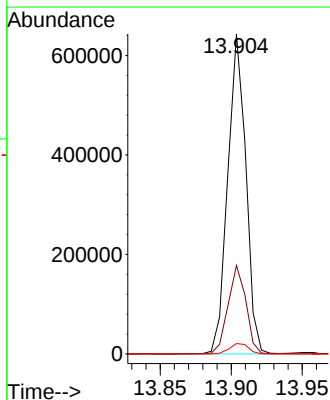
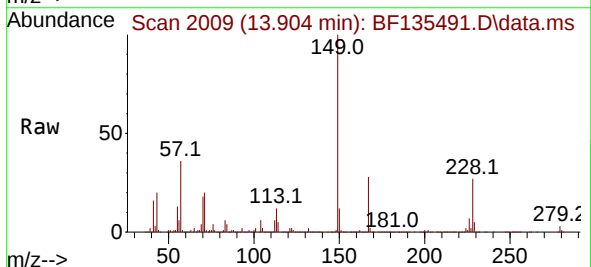
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.114 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:149 Resp: 572011
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 3.3 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 51.465 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

Tgt Ion:149 Resp: 84883

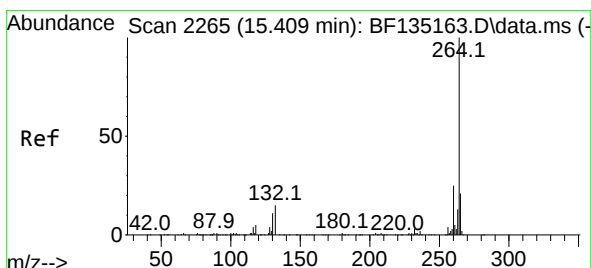
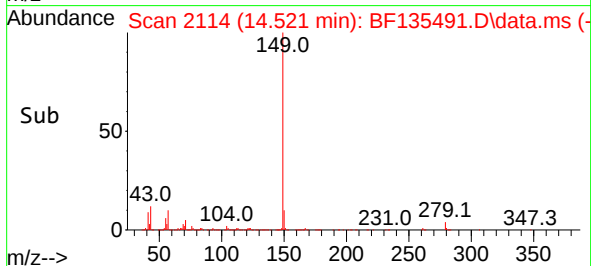
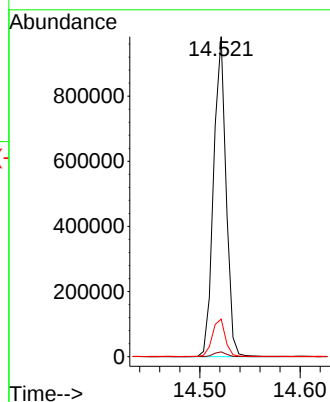
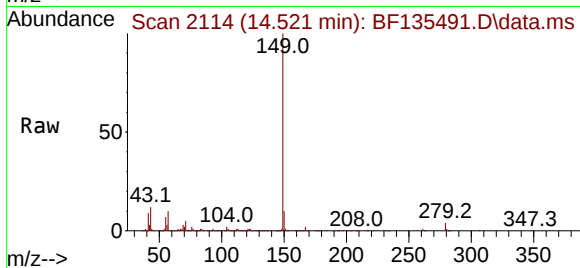
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.1	9.8	14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 09/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

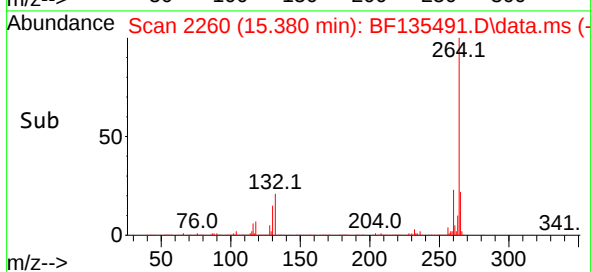
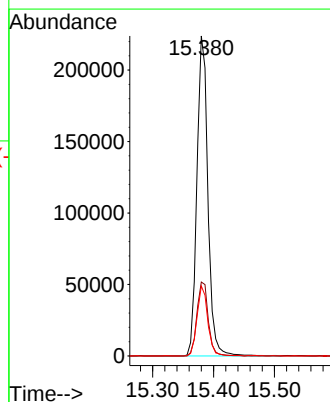
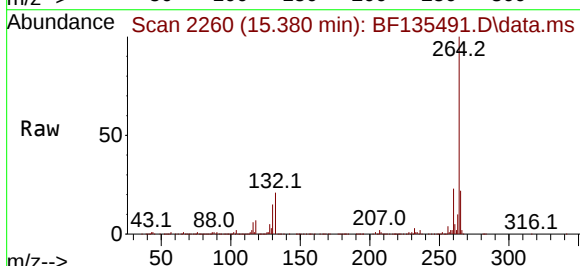
Delta R.T. -0.000 min

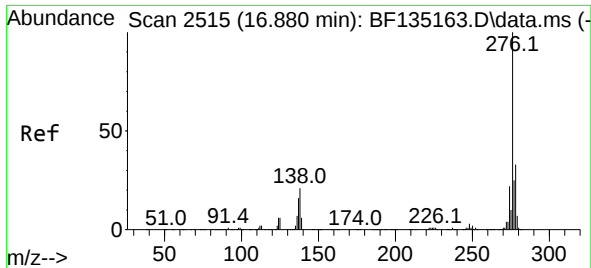
Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion:264 Resp: 280088

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.6
265	21.8	17.0	25.4





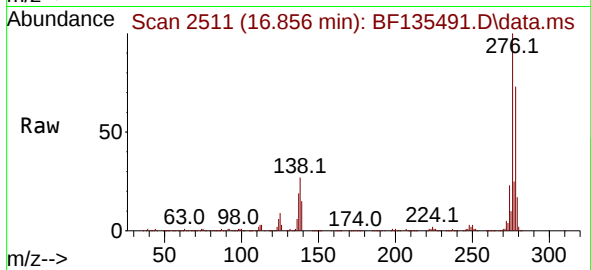
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.737 ng
RT: 16.856 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

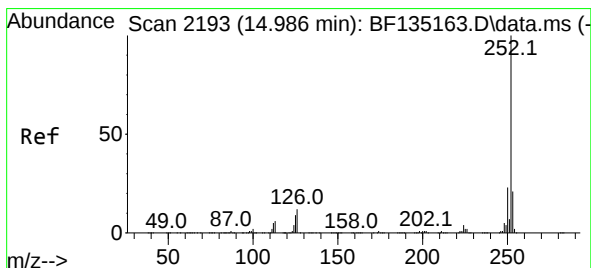
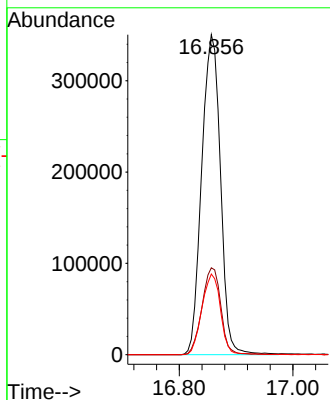
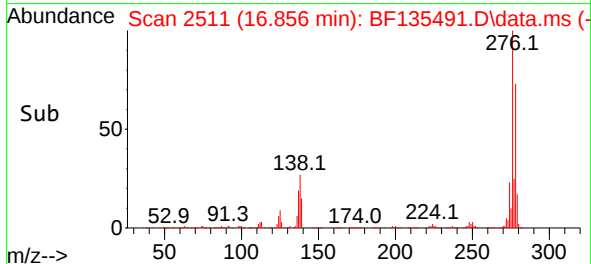


Tgt Ion:276 Resp: 803204
Ion Ratio Lower Upper
276 100
138 27.1 19.2 28.8
277 25.1 19.7 29.5

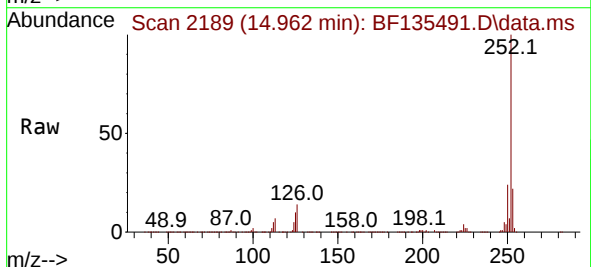
Manual Integrations

APPROVED

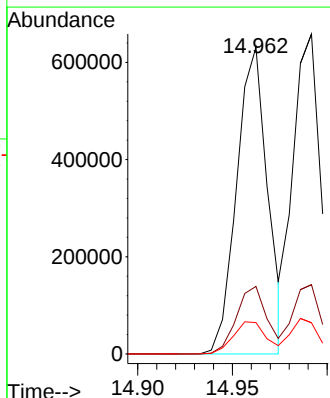
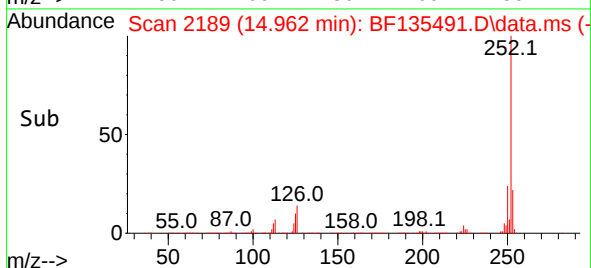
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

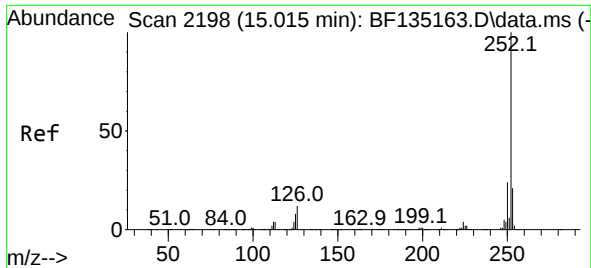


#88
Benzo(b)fluoranthene
Concen: 47.212 ng
RT: 14.962 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57



Tgt Ion:252 Resp: 715843
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.2 7.1 10.7





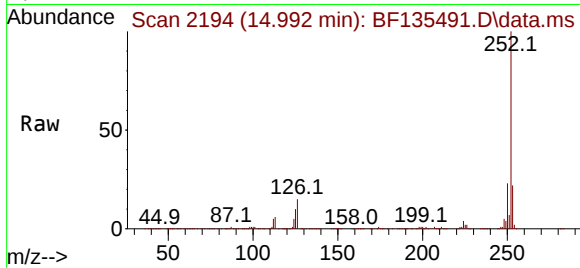
#89
Benzo(k)fluoranthene
Concen: 45.465 ng
RT: 14.992 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

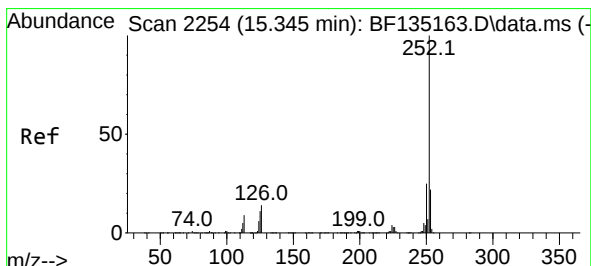
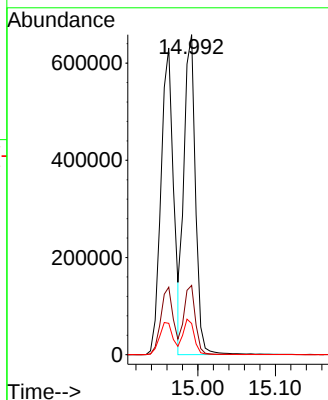
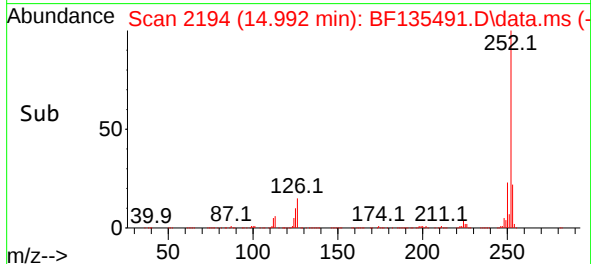


Tgt Ion:252 Resp: 680949
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.8 7.2 10.8

Manual Integrations

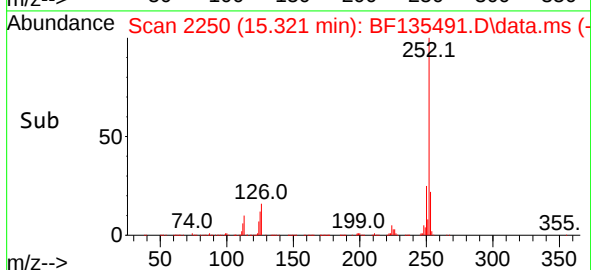
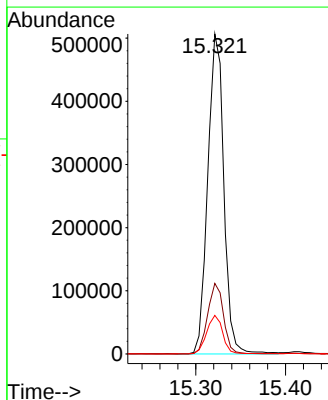
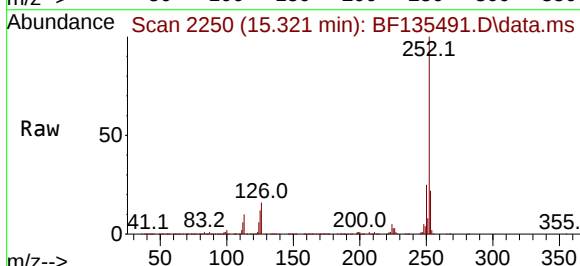
APPROVED

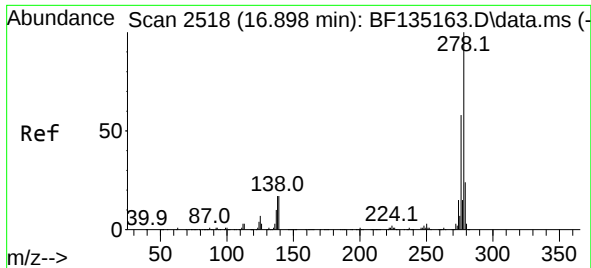
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#90
Benzo(a)pyrene
Concen: 43.614 ng
RT: 15.321 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:252 Resp: 630619
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 43.346 ng
RT: 16.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

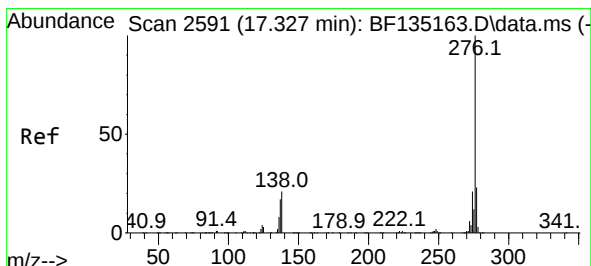
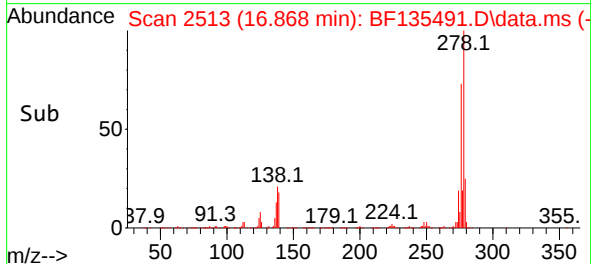
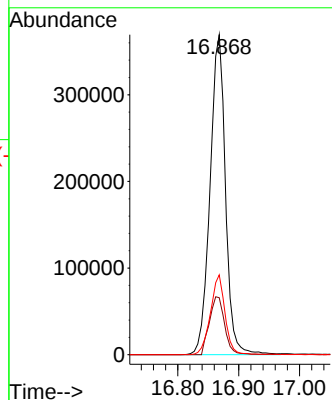
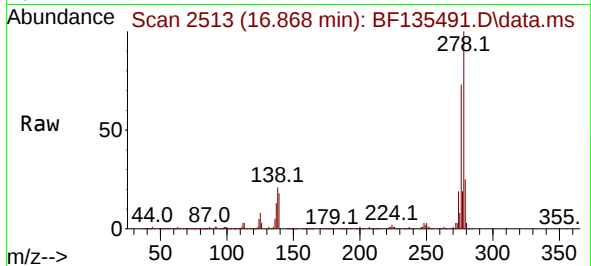
PB155842BS

Tgt Ion:278 Resp: 65131
Ion Ratio Lower Upper
278 100
139 17.8 13.4 20.0
279 25.0 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023



#92
Benzo(g,h,i)perylene
Concen: 43.626 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:276 Resp: 684611
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 25.1 16.9 25.3

