

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135585.D
 Acq On : 04 Oct 2023 23:23
 Operator : CG\JU
 Sample : 04703-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-003

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 00:50:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	136849	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	531411	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	264906	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	500539	20.000	ng	0.00
76) Chrysene-d12	13.927	240	245330	20.000	ng	0.00
86) Perylene-d12	15.386	264	274028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	732021	87.000	ng	0.01
7) Phenol-d6	6.393	99	896073	83.754	ng	0.00
23) Nitrobenzene-d5	7.304	82	560588	57.312	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	205367	78.011	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1015853	57.856	ng	0.00
79) Terphenyl-d14	12.863	244	1001408	63.277	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.510	88	179736	48.729	ng	97
3) Pyridine	3.252	79	412098	41.512	ng	99
4) n-Nitrosodimethylamine	3.228	42	261123	49.568	ng	95
6) Aniline	6.410	93	393398	28.040	ng	# 55
8) 2-Chlorophenol	6.528	128	440972	49.095	ng	98
9) Benzaldehyde	6.298	77	99542	16.332	ng	97
10) Phenol	6.404	94	540895	46.105	ng	96
11) bis(2-Chloroethyl)ether	6.481	93	443174	50.360	ng	99
12) 1,3-Dichlorobenzene	6.675	146	432818	47.415	ng	99
13) 1,4-Dichlorobenzene	6.757	146	438164	47.180	ng	99
14) 1,2-Dichlorobenzene	6.904	146	410333	47.577	ng	99
15) Benzyl Alcohol	6.892	79	353214	46.007	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.016	45	782582	47.179	ng	73
17) 2-Methylphenol	7.010	107	338453	42.700	ng	# 91
18) Hexachloroethane	7.240	117	166096	48.403	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	288313	43.507	ng	97
20) 3+4-Methylphenols	7.163	107	434632	45.602	ng	# 68
22) Acetophenone	7.151	105	562565	46.304	ng	91
24) Nitrobenzene	7.322	77	469159	48.528	ng	99
25) Isophorone	7.563	82	873637	48.641	ng	98
26) 2-Nitrophenol	7.640	139	239631	51.644	ng	96
27) 2,4-Dimethylphenol	7.681	122	320933	41.149	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	540386	50.267	ng	99
29) 2,4-Dichlorophenol	7.887	162	354511	49.054	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	362652	48.009	ng	98
31) Naphthalene	8.039	128	1201724	46.543	ng	99
32) Benzoic acid	7.839	122	274027	46.659	ng	98
33) 4-Chloroaniline	8.104	127	146447	12.928	ng	98
34) Hexachlorobutadiene	8.151	225	206020	45.231	ng	98
35) Caprolactam	8.475	113	118246m	48.751	ng	
36) 4-Chloro-3-methylphenol	8.598	107	388293	48.342	ng	98
37) 2-Methylnaphthalene	8.734	142	762736	43.947	ng	100
38) 1-Methylnaphthalene	8.828	142	733523	45.142	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	364830	47.538	ng	99
41) Hexachlorocyclopentadiene	8.881	237	169793	52.960	ng	96
43) 2,4,6-Trichlorophenol	9.016	196	239785	47.720	ng	99

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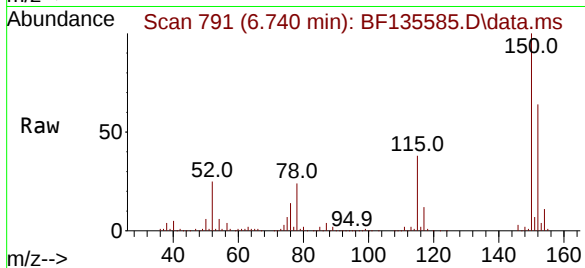
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	258751	44.715	ng	96
46) 1,1'-Biphenyl	9.198	154	964035	47.355	ng	99
47) 2-Chloronaphthalene	9.222	162	706194	47.811	ng	99
48) 2-Nitroaniline	9.334	65	286355	49.902	ng	98
49) Acenaphthylene	9.639	152	1163486	47.397	ng	100
50) Dimethylphthalate	9.504	163	866097	48.357	ng	100
51) 2,6-Dinitrotoluene	9.575	165	194031	49.453	ng	96
52) Acenaphthene	9.810	154	678367	46.779	ng	98
53) 3-Nitroaniline	9.745	138	145636	31.621	ng	96
54) 2,4-Dinitrophenol	9.863	184	196407	87.540	ng	89
55) Dibenzofuran	9.986	168	985028	44.513	ng	99
56) 4-Nitrophenol	9.933	139	225345	76.986	ng	98
57) 2,4-Dinitrotoluene	9.986	165	221109	45.014	ng	# 85
58) Fluorene	10.328	166	774493	45.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	208543	46.849	ng	98
60) Diethylphthalate	10.204	149	862142	47.964	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	373247	45.674	ng	97
62) 4-Nitroaniline	10.369	138	199292	45.016	ng	98
63) Azobenzene	10.480	77	879679	50.005	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	135376	50.922	ng	95
66) n-Nitrosodiphenylamine	10.445	169	726004	47.910	ng	100
67) 4-Bromophenyl-phenylether	10.810	248	234639	47.133	ng	97
68) Hexachlorobenzene	10.875	284	252670	49.820	ng	# 90
69) Atrazine	10.980	200	220791	54.150	ng	99
70) Pentachlorophenol	11.080	266	207332	68.328	ng	99
71) Phenanthrene	11.292	178	1132130	47.823	ng	99
72) Anthracene	11.345	178	1119987	46.026	ng	100
73) Carbazole	11.510	167	1079699	48.742	ng	99
74) Di-n-butylphthalate	11.833	149	1360826	52.135	ng	99
75) Fluoranthene	12.486	202	1189323	48.214	ng	98
77) Benzidine	12.622	184	92223	18.349	ng	99
78) Pyrene	12.716	202	1197187	51.255	ng	100
80) Butylbenzylphthalate	13.339	149	479872	58.352	ng	94
81) Benzo(a)anthracene	13.916	228	774828	48.911	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	192795	38.963	ng	# 98
83) Chrysene	13.951	228	759190	48.202	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	547182	64.840	ng	100
85) Di-n-octyl phthalate	14.516	149	855169	63.766	ng	100
87) Indeno(1,2,3-cd)pyrene	16.880	276	908352	50.556	ng	97
88) Benzo(b)fluoranthene	14.963	252	743936	50.150	ng	# 98
89) Benzo(k)fluoranthene	14.992	252	621661	42.424	ng	# 98
90) Benzo(a)pyrene	15.327	252	644261	45.543	ng	100
91) Dibenzo(a,h)anthracene	16.880	278	739911	50.331	ng	98
92) Benzo(g,h,i)perylene	17.321	276	788487	51.356	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

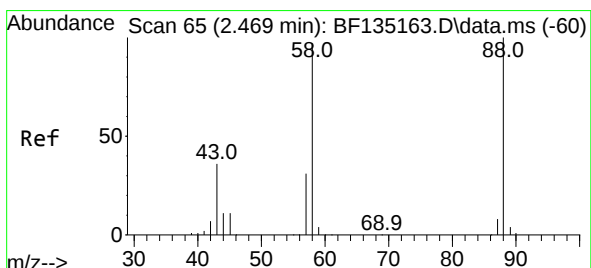
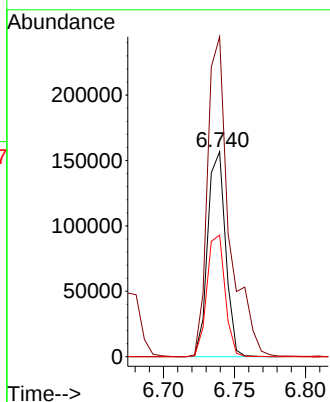
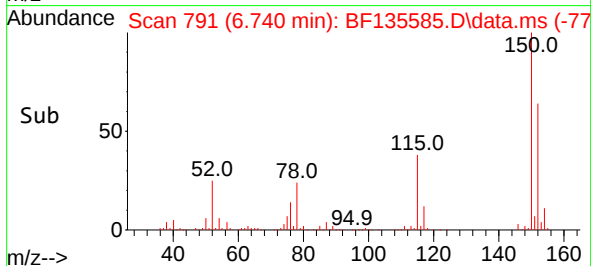
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:152 Resp: 136849
Ion Ratio Lower Upper
152 100
150 156.2 127.8 191.6
115 59.3 49.8 74.8

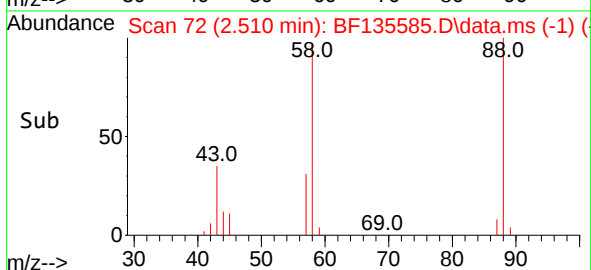
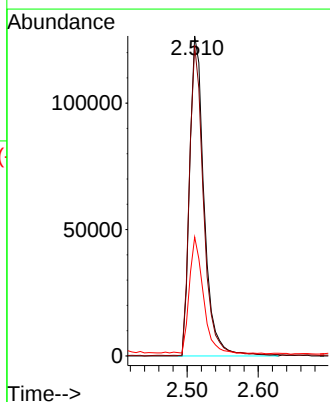
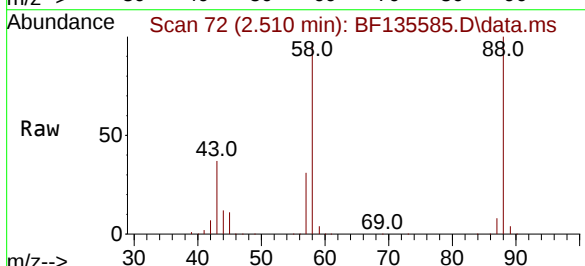
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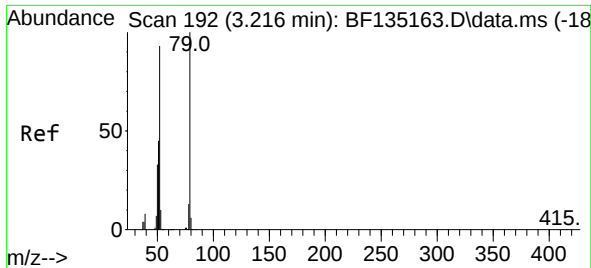
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#2
1,4-Dioxane
Concen: 48.729 ng
RT: 2.510 min Scan# 72
Delta R.T. 0.088 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

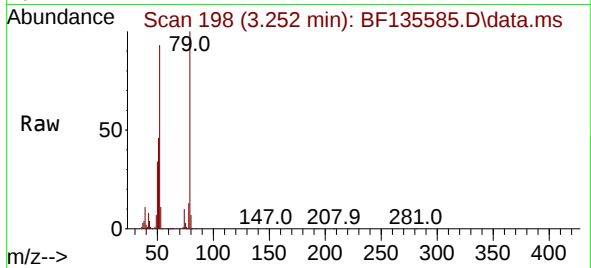
Tgt Ion: 88 Resp: 179736
Ion Ratio Lower Upper
88 100
58 94.6 78.3 117.5
43 35.2 29.4 44.0





#3
Pyridine
Concen: 41.512 ng
RT: 3.252 min Scan# 193
Delta R.T. 0.088 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

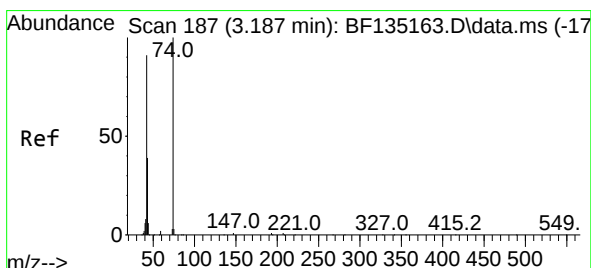
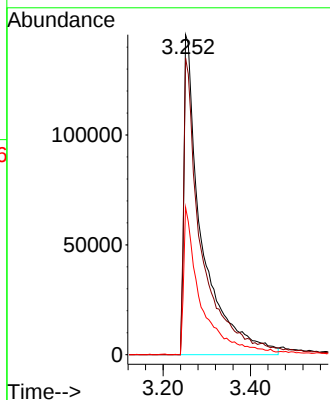
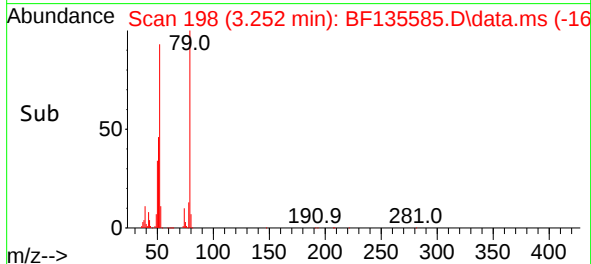
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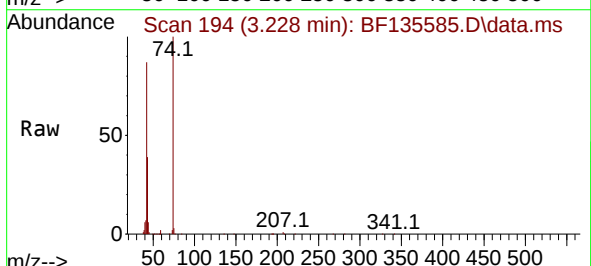
Tgt Ion: 79 Resp: 412098
Ion Ratio Lower Upper
79 100
52 92.8 74.1 111.1
51 46.1 35.8 53.8

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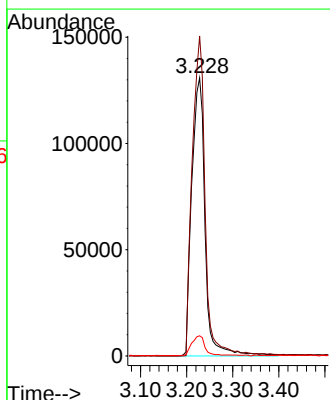
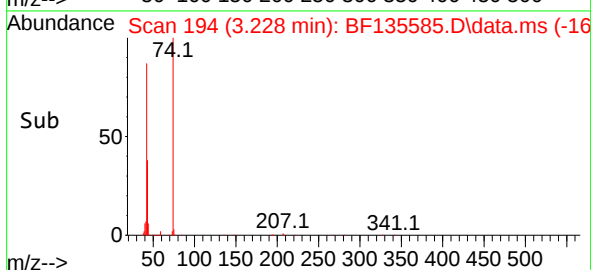
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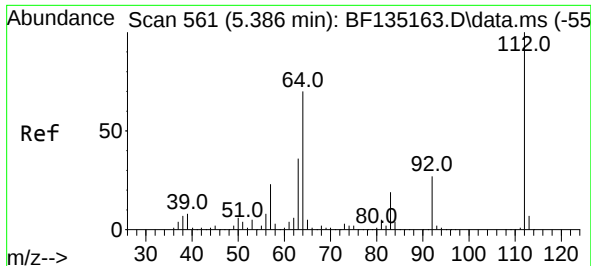


#4
n-Nitrosodimethylamine
Concen: 49.568 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.094 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion: 42 Resp: 261123
Ion Ratio Lower Upper
42 100
74 115.1 87.7 131.5
44 7.3 5.6 8.4





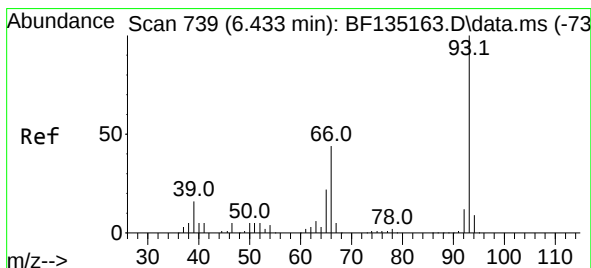
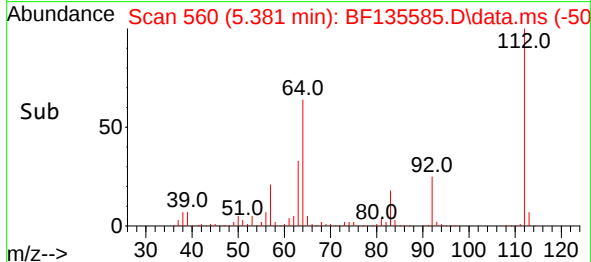
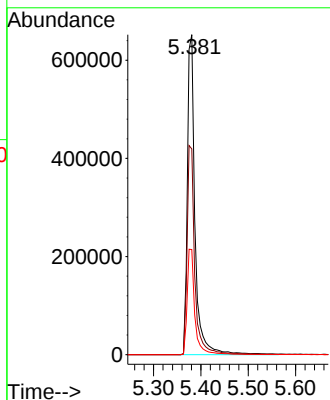
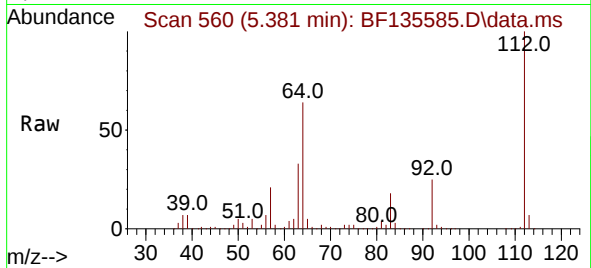
#5
2-Fluorophenol
Concen: 87.000 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
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ClientSampleId :
E9066-OB-003

Tgt Ion:112 Resp: 73202
Ion Ratio Lower Upper
112 100
64 64.3 55.9 83.9
63 32.9 29.0 43.6

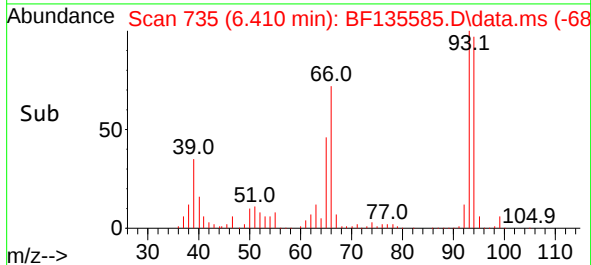
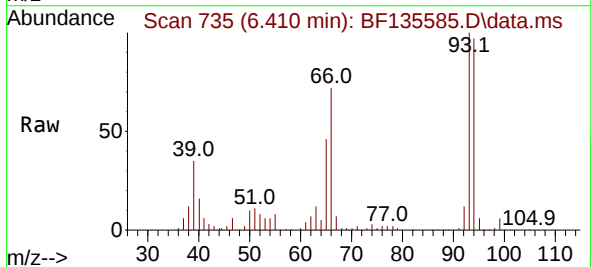
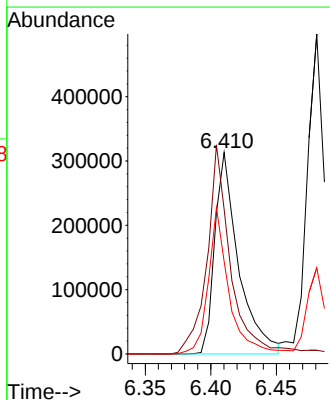
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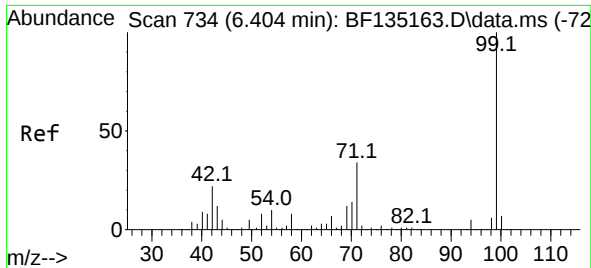
Reviewed By :Yogesh Patel 10/05/2023
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#6
Aniline
Concen: 28.040 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion: 93 Resp: 393398
Ion Ratio Lower Upper
93 100
66 71.9 35.4 53.0#
65 46.0 17.8 26.8#





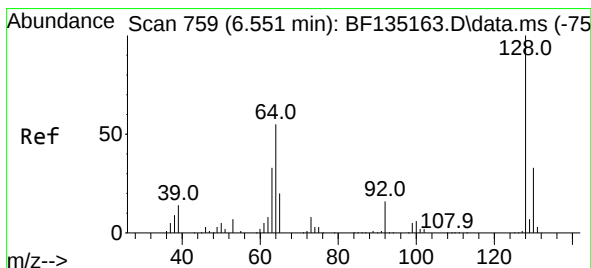
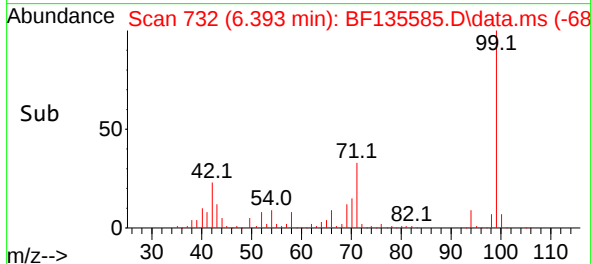
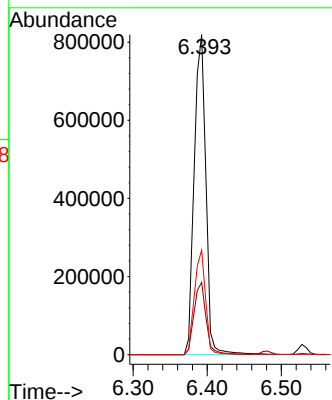
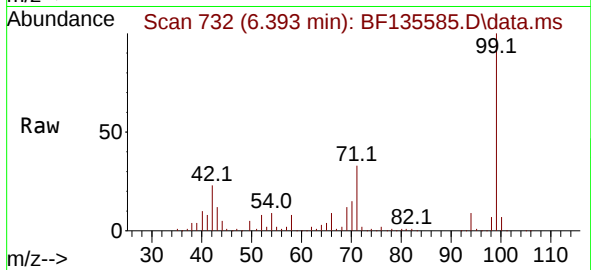
#7
Phenol-d6
Concen: 83.754 ng
RT: 6.393 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion: 99 Resp: 89607
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.7 27.0 40.6

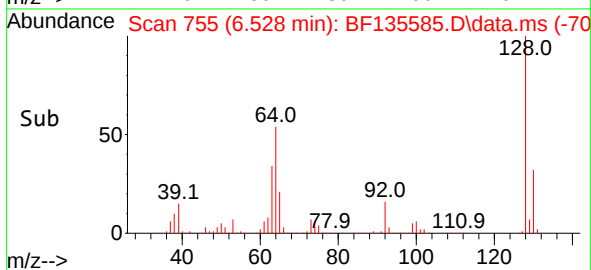
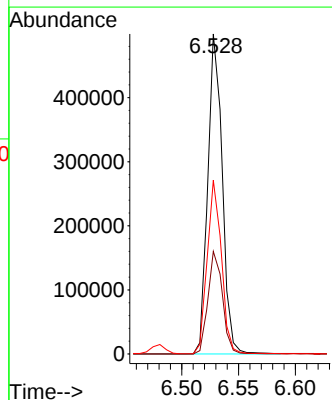
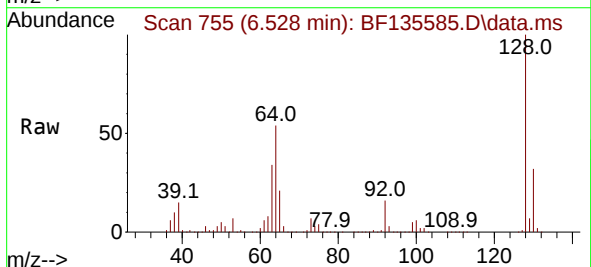
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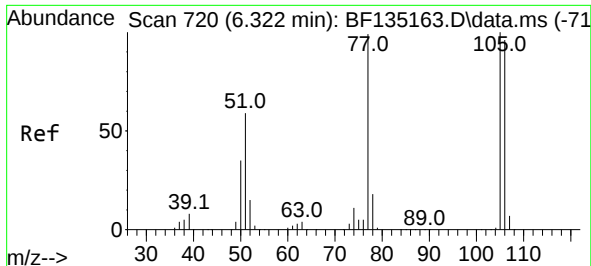
Reviewed By :Yogesh Patel 10/05/2023
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#8
2-Chlorophenol
Concen: 49.095 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion:128 Resp: 440972
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 54.3 35.9 75.9





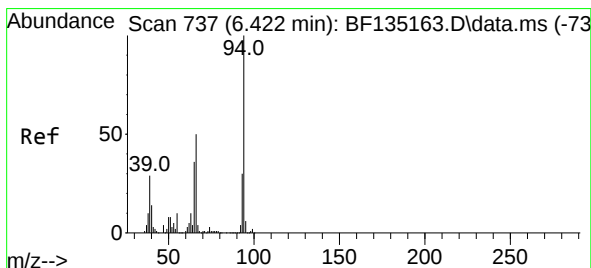
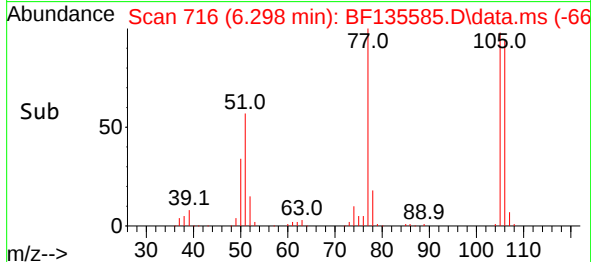
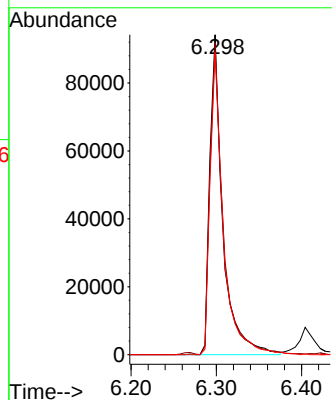
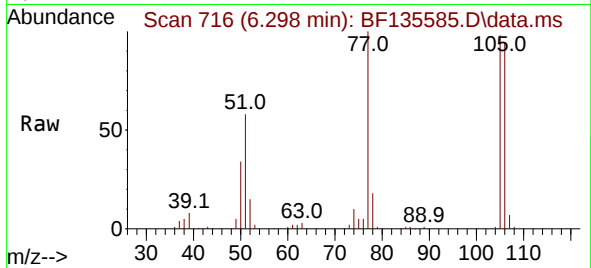
#9
Benzaldehyde
Concen: 16.332 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion: 77 Resp: 9954
Ion Ratio Lower Upper
77 100
105 97.5 81.4 121.4
106 94.5 76.9 116.9

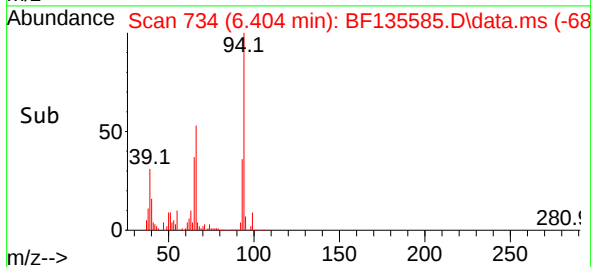
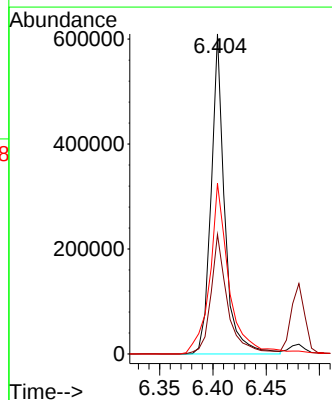
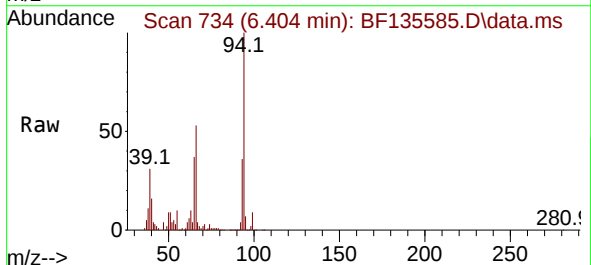
Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2023
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#10
Phenol
Concen: 46.105 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

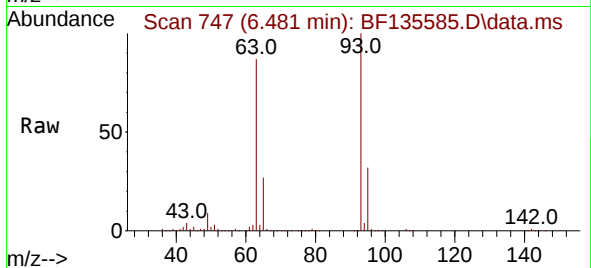
Tgt Ion: 94 Resp: 540895
Ion Ratio Lower Upper
94 100
65 37.4 15.9 55.9
66 53.3 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 50.360 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

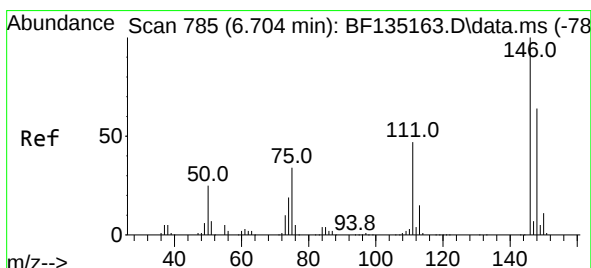
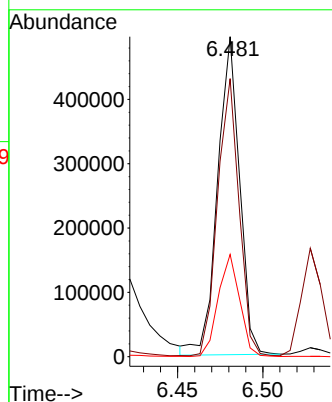
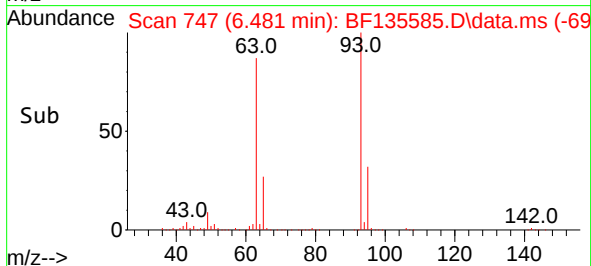
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion: 93 Resp: 443174
Ion Ratio Lower Upper
93 100
63 86.9 67.3 107.3
95 32.0 12.7 52.7

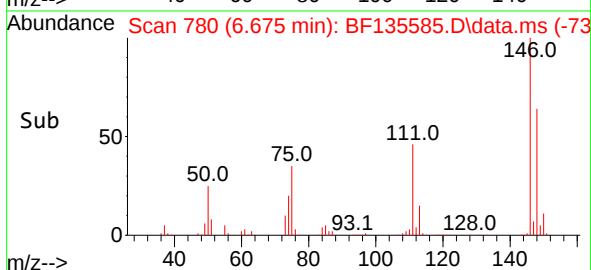
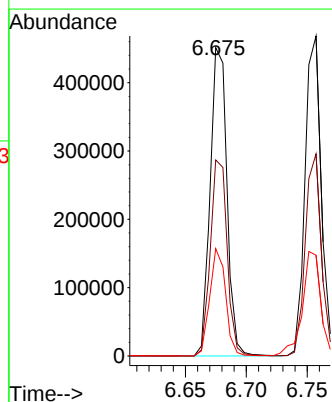
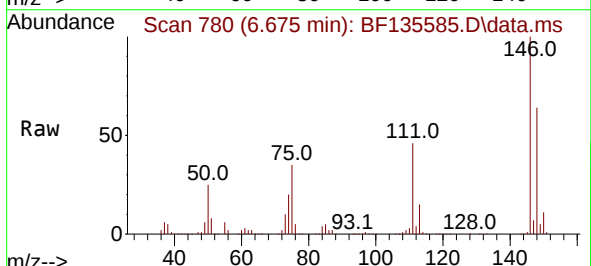
Manual Integrations
APPROVED

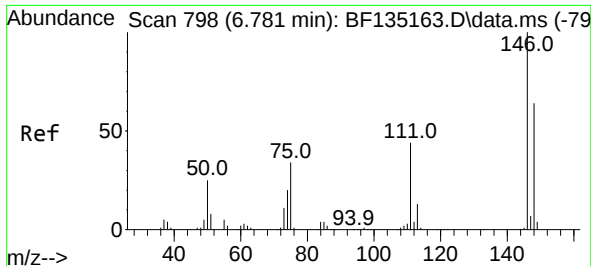
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#12
1,3-Dichlorobenzene
Concen: 47.415 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

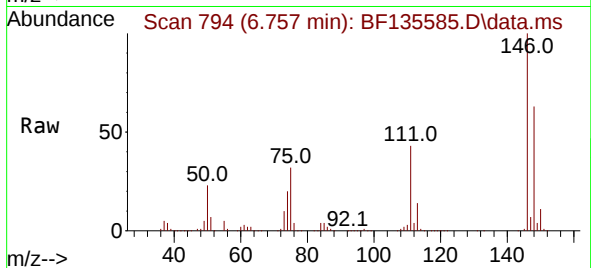
Tgt Ion:146 Resp: 432818
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 34.8 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.180 ng
RT: 6.757 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

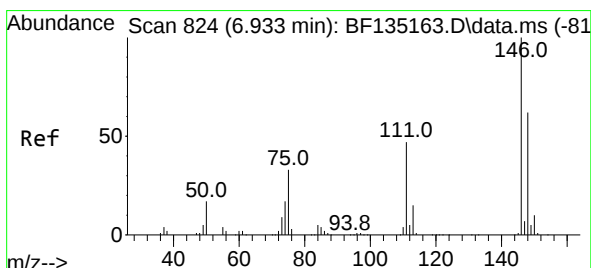
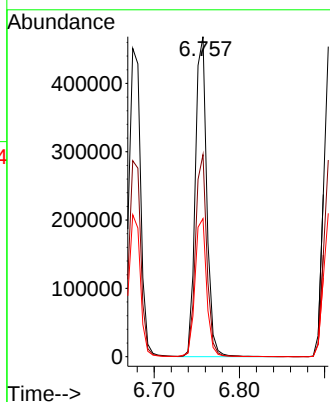
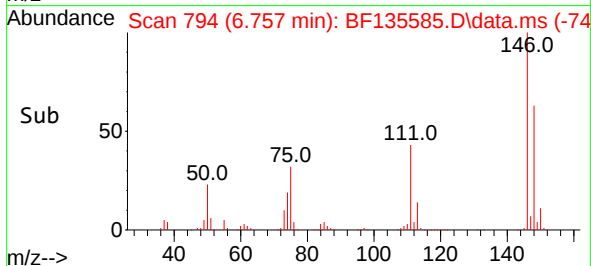
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



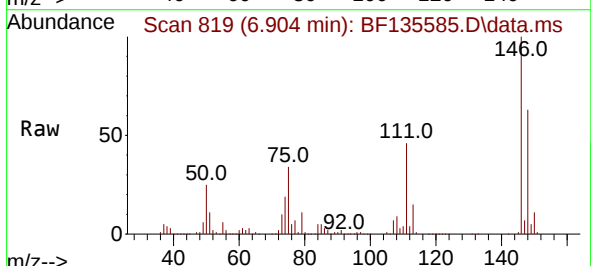
Tgt Ion:146 Resp: 438164
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 43.1 35.1 52.7

Manual Integrations
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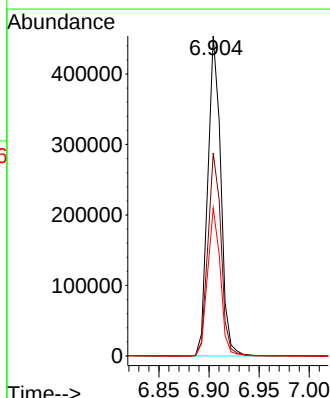
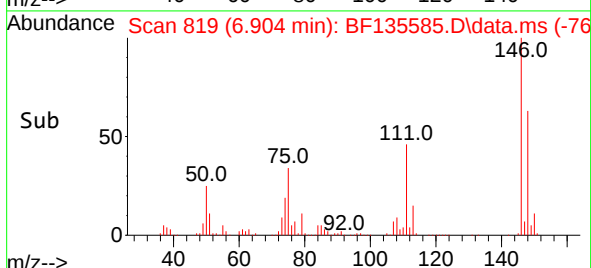
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#14
1,2-Dichlorobenzene
Concen: 47.577 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:146 Resp: 410333
Ion Ratio Lower Upper
146 100
148 63.4 49.7 74.5
111 46.2 37.4 56.2





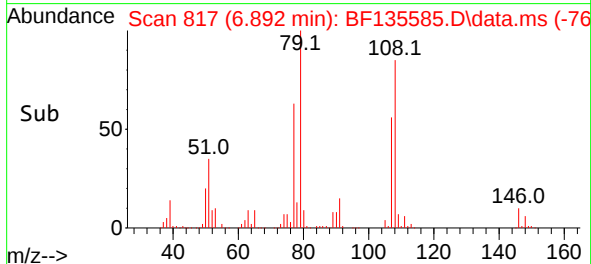
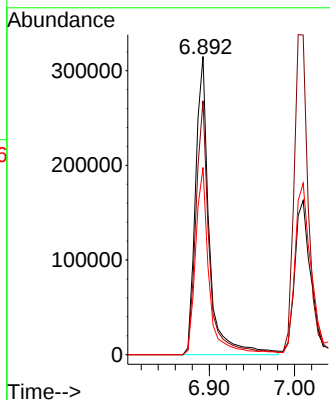
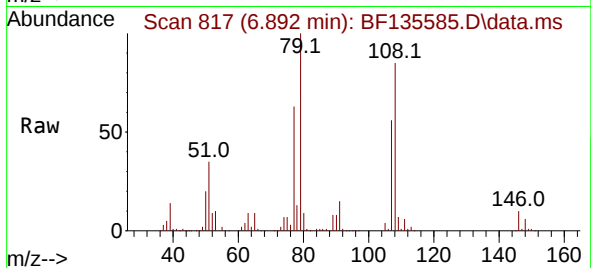
#15
Benzyl Alcohol
Concen: 46.007 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion: 79 Resp: 353214
Ion Ratio Lower Upper
79 100
108 85.2 61.2 91.8
77 62.8 50.5 75.7

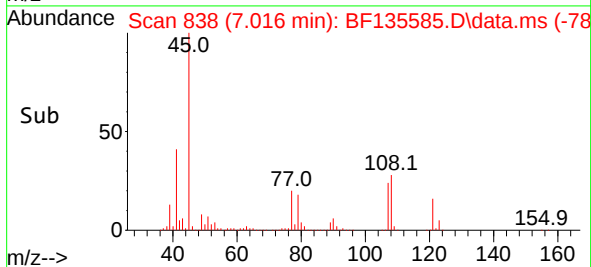
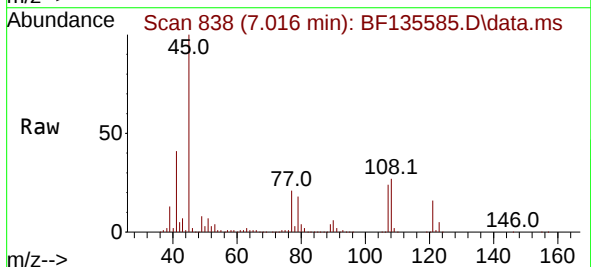
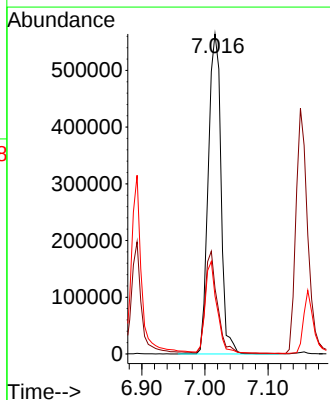
Manual Integrations
APPROVED

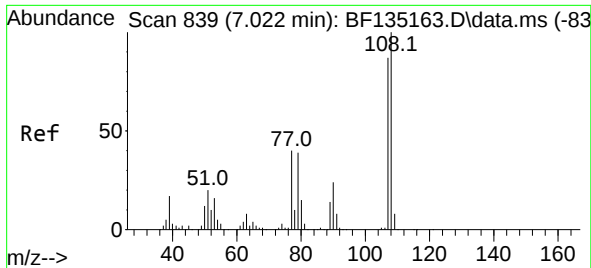
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.179 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

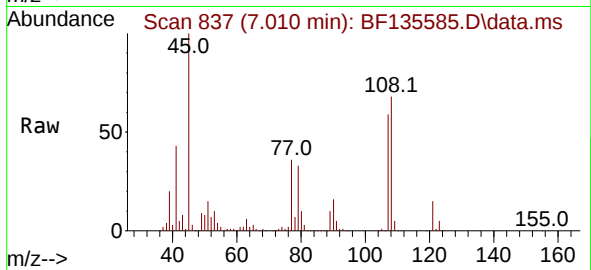
Tgt Ion: 45 Resp: 782582
Ion Ratio Lower Upper
45 100
77 20.5 0.0 30.6
79 18.1 0.0 28.3





#17
2-Methylphenol
Concen: 42.700 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

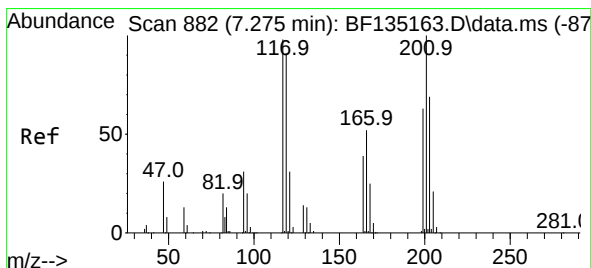
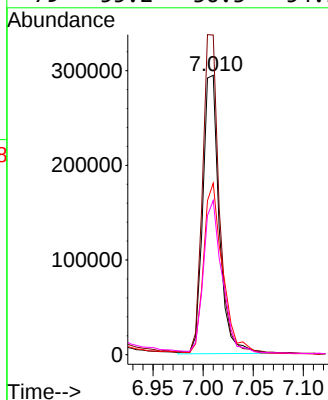
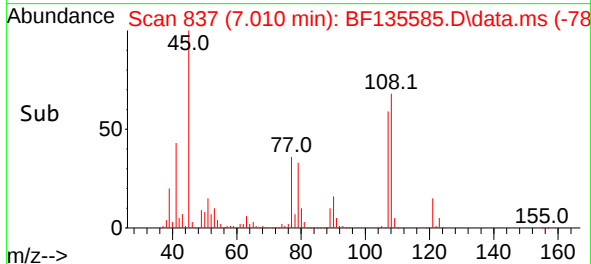
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:107 Resp: 33845
Ion Ratio Lower Upper
107 100
108 114.4 92.0 138.0
77 61.4 36.7 55.1
79 55.2 36.3 54.5#

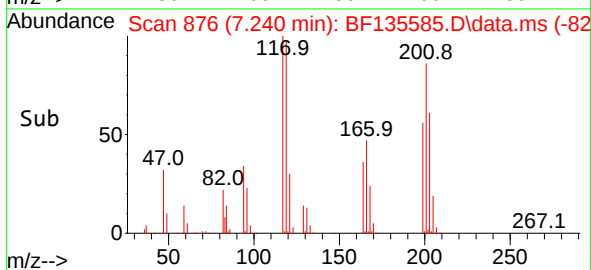
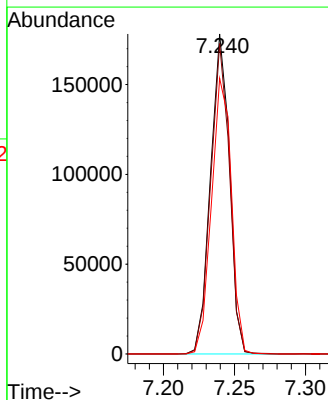
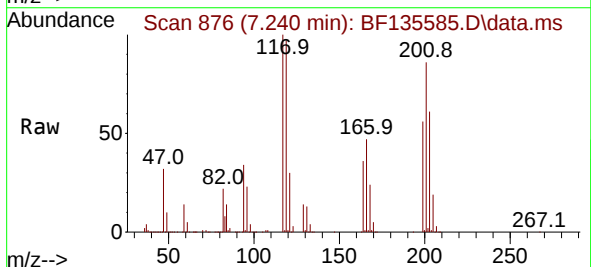
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#18
Hexachloroethane
Concen: 48.403 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

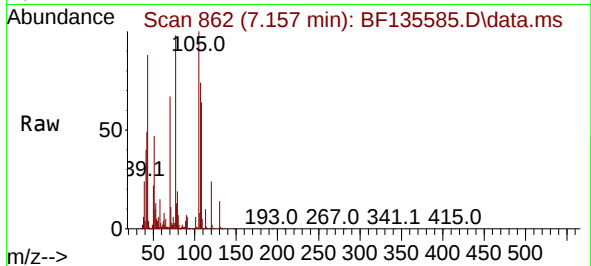
Tgt Ion:117 Resp: 166096
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 86.2 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.507 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

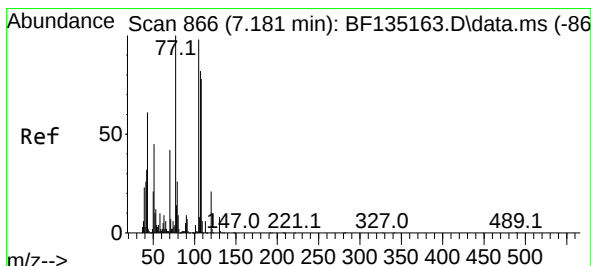
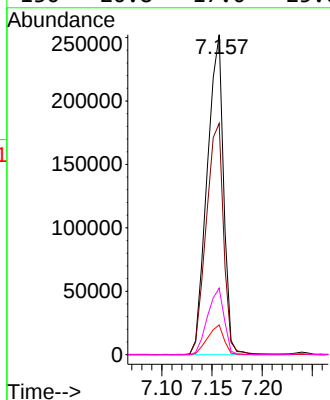
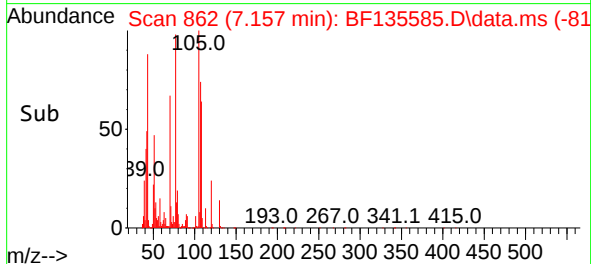
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion: 70 Resp: 28831
Ion Ratio Lower Upper
70 100
42 72.2 55.4 83.0
101 9.3 7.7 11.5
130 20.8 17.0 25.6

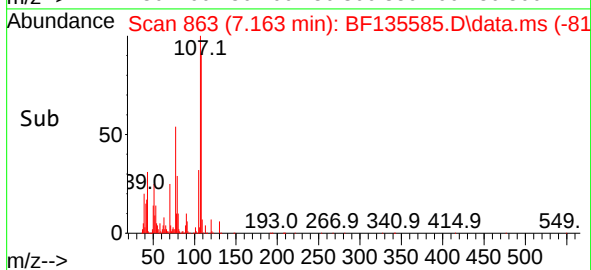
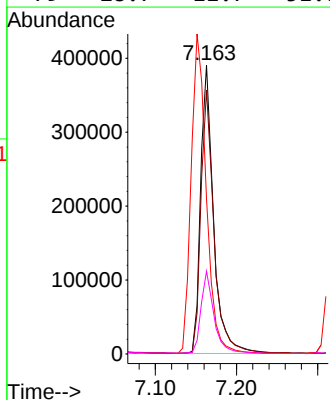
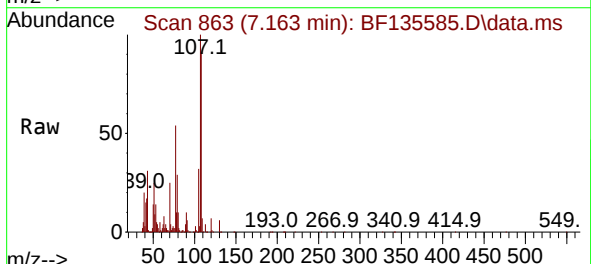
Manual Integrations
APPROVED

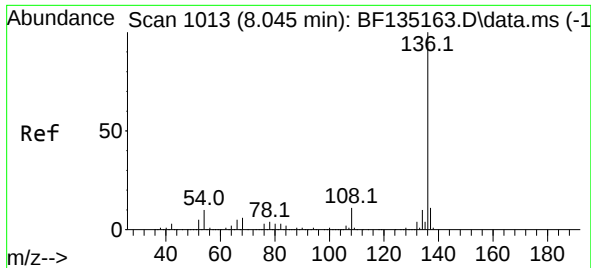
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#20
3+4-Methylphenols
Concen: 45.602 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

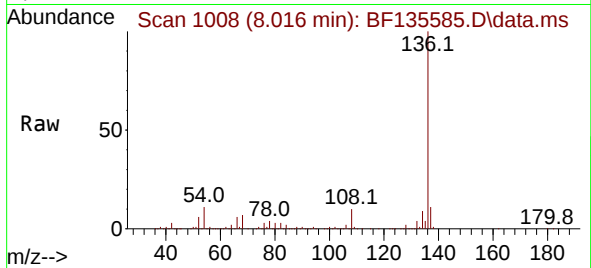
Tgt Ion:107 Resp: 434632
Ion Ratio Lower Upper
107 100
108 91.4 74.7 114.7
77 53.7 102.0 142.0#
79 28.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

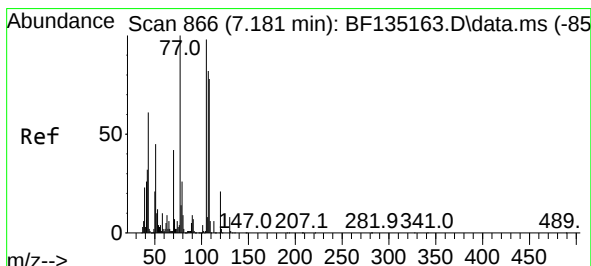
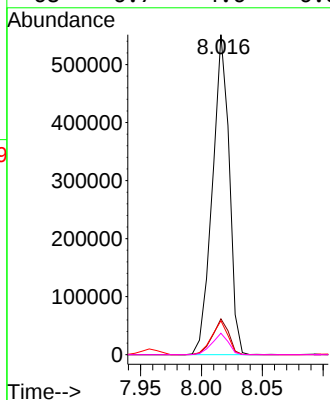
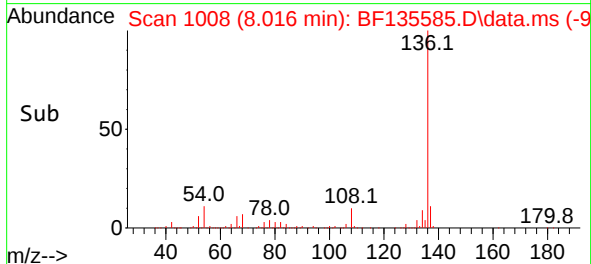
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:136 Resp: 53141
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.6 7.7 11.5
68 6.7 4.6 6.8

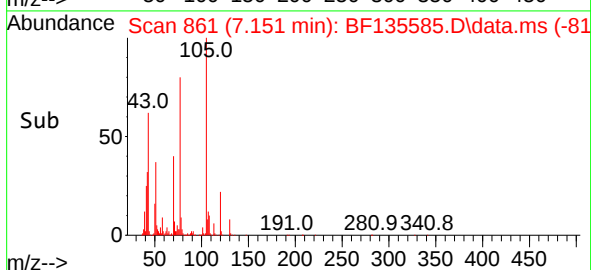
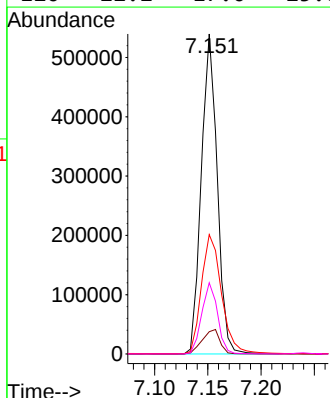
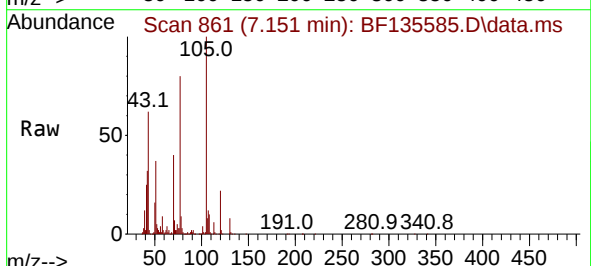
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#22
Acetophenone
Concen: 46.304 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion:105 Resp: 562565
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 37.3 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 57.312 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion: 82 Resp: 56058

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

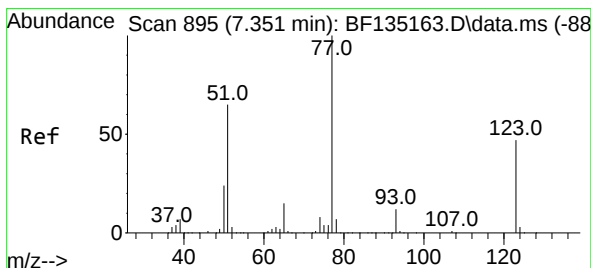
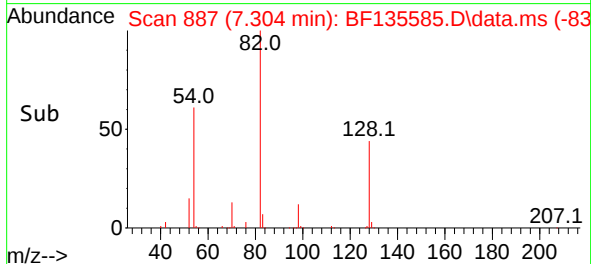
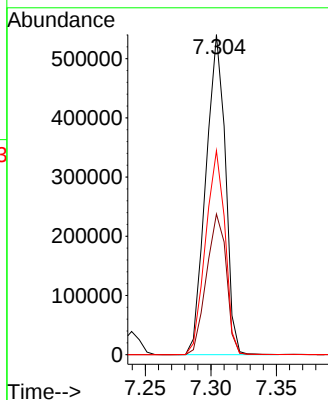
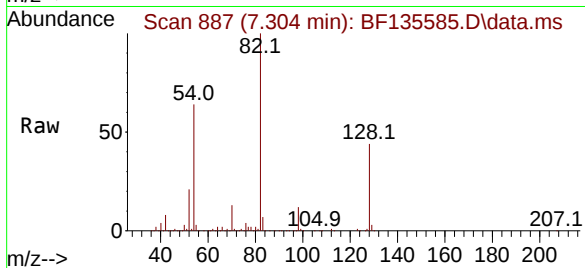
54 63.7 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#24

Nitrobenzene

Concen: 48.528 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

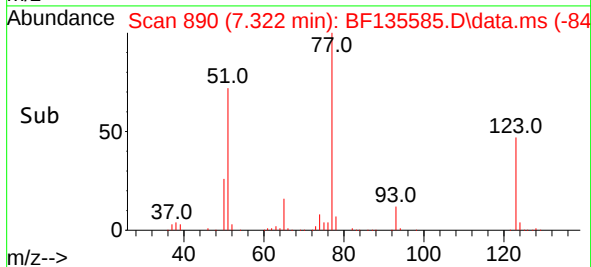
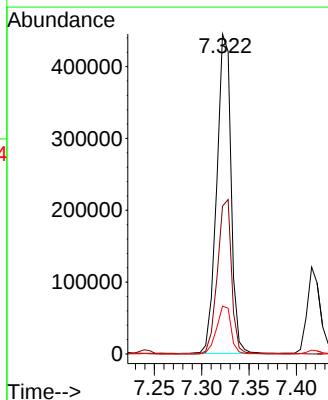
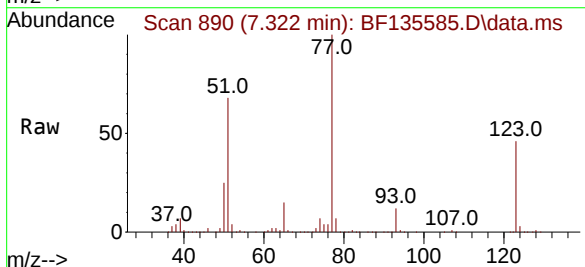
Tgt Ion: 77 Resp: 469159

Ion Ratio Lower Upper

77 100

123 46.2 37.6 56.4

65 15.0 12.2 18.4





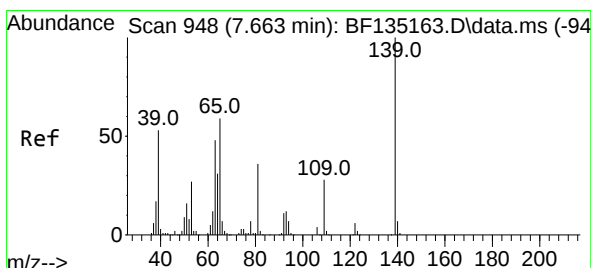
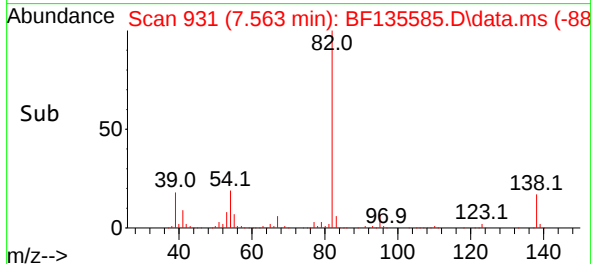
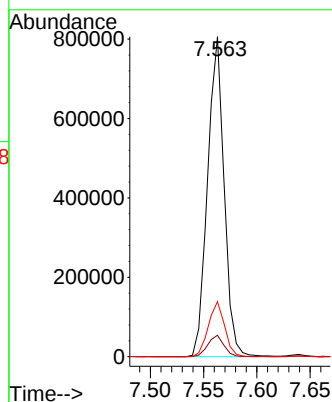
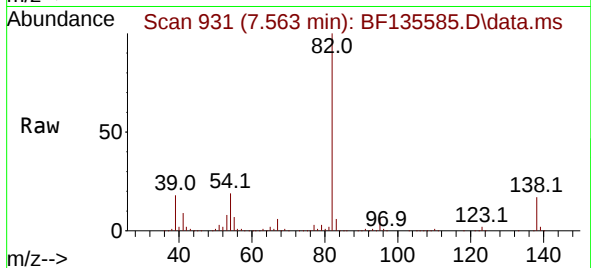
#25
Isophorone
Concen: 48.641 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion: 82 Resp: 87363
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.2 14.5 21.7

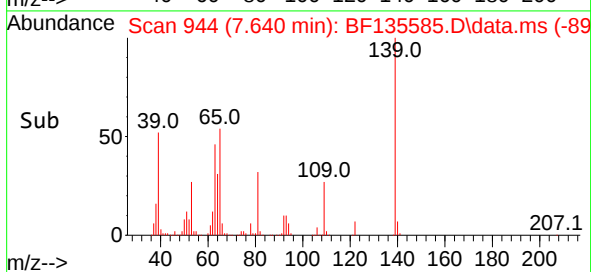
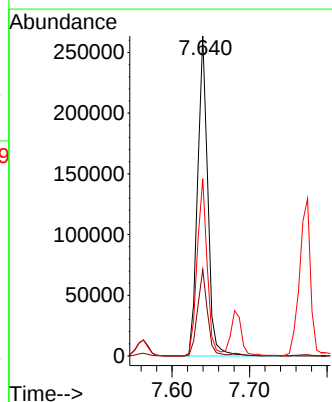
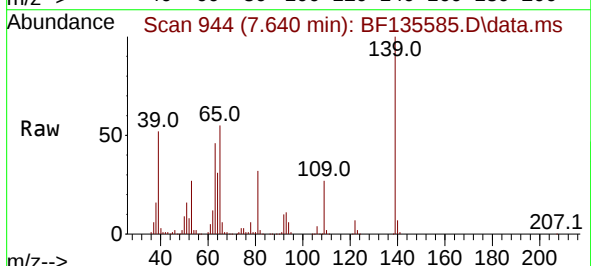
Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#26
2-Nitrophenol
Concen: 51.644 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion:139 Resp: 239631
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 55.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.149 ng

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF135585.D

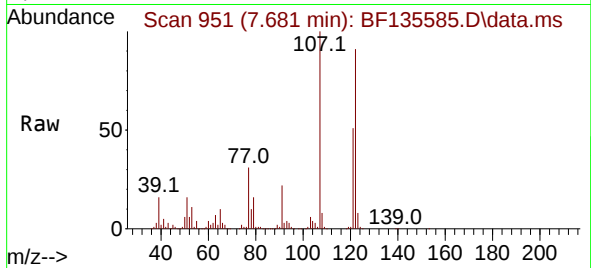
Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003



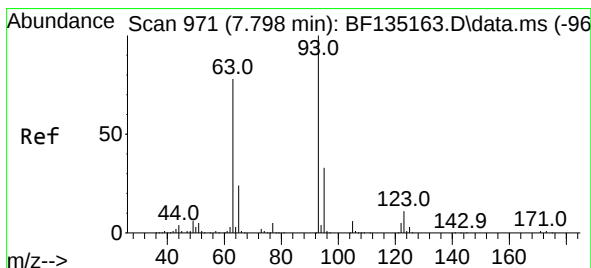
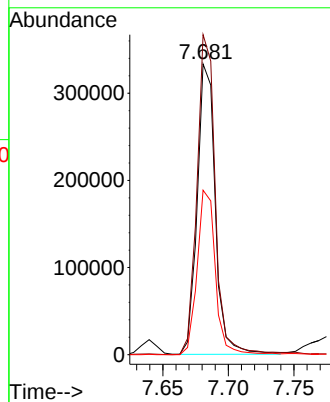
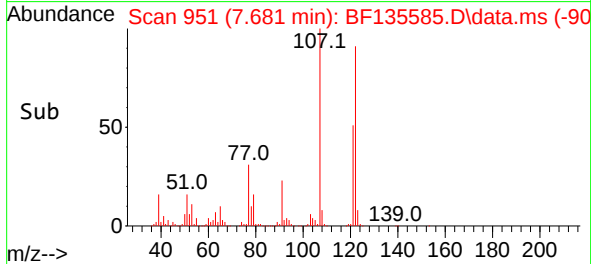
Tgt Ion:	122	Resp:	32093
Ion Ratio	Lower	Upper	
122	100		
107	110.1	90.2	135.4
121	56.6	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.267 ng

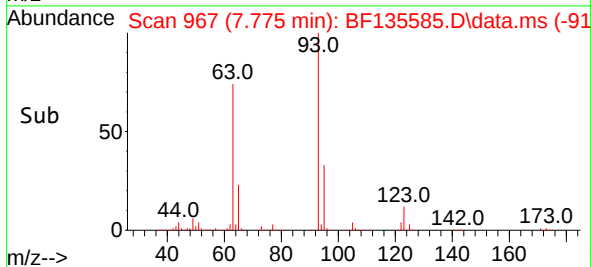
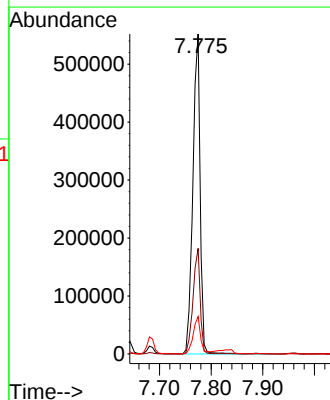
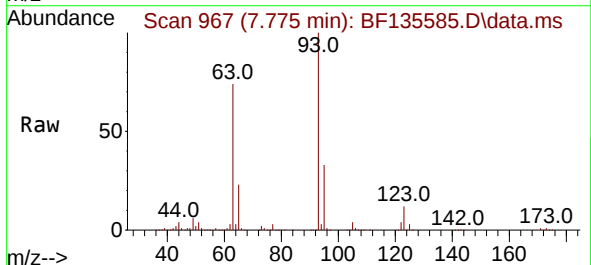
RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Tgt Ion:	93	Resp:	540386
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.2
123	11.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 49.054 ng

RT: 7.887 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

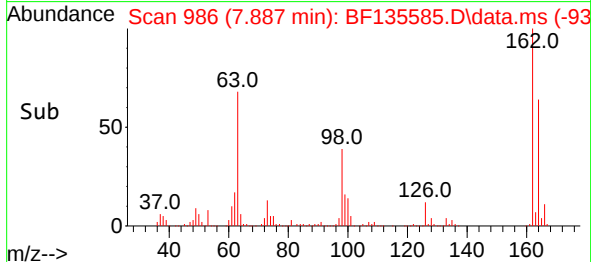
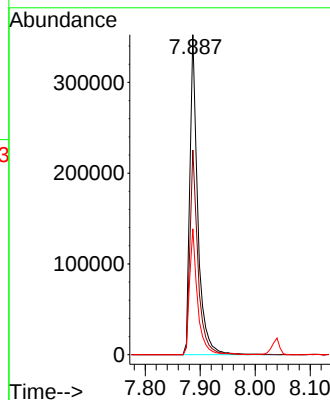
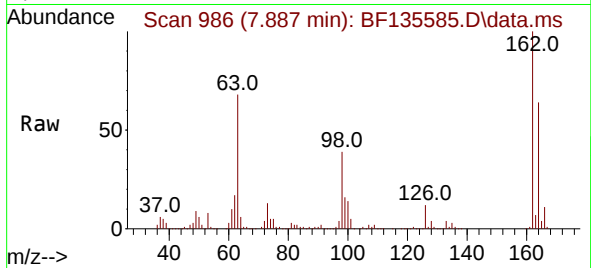
Tgt Ion:162 Resp: 35451
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.1 84.1
 98 39.4 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.009 ng

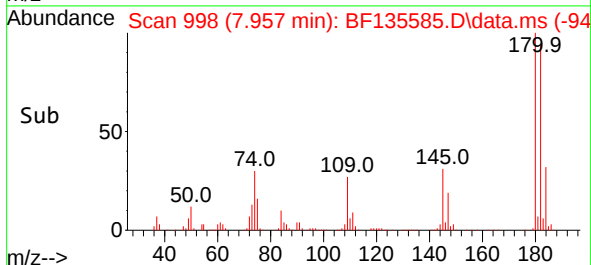
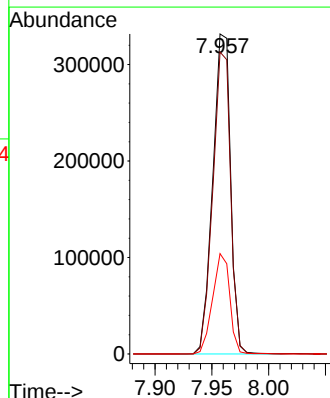
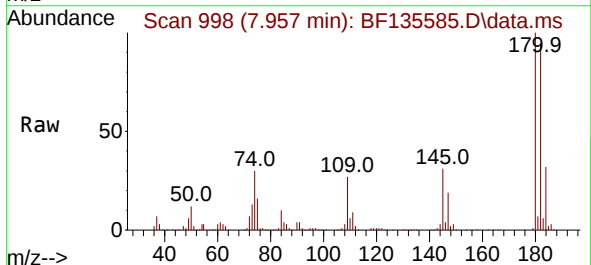
RT: 7.957 min Scan# 998

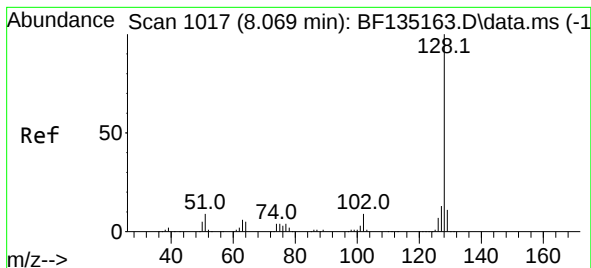
Delta R.T. -0.006 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Tgt Ion:180 Resp: 362652
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.9 115.3
 145 31.4 24.5 36.7





#31

Naphthalene

Concen: 46.543 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:128 Resp: 1201724

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

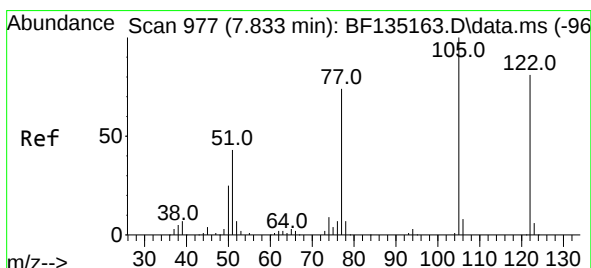
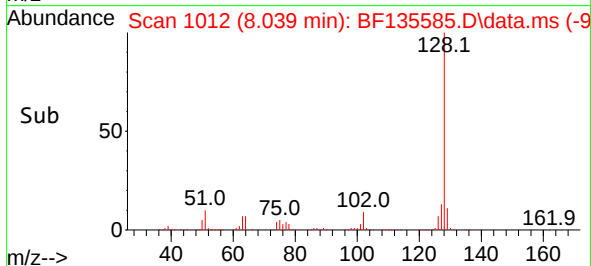
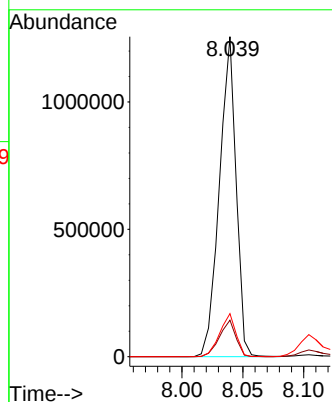
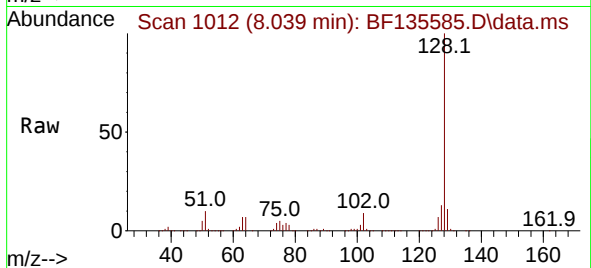
127 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#32

Benzoic acid

Concen: 46.659 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.018 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

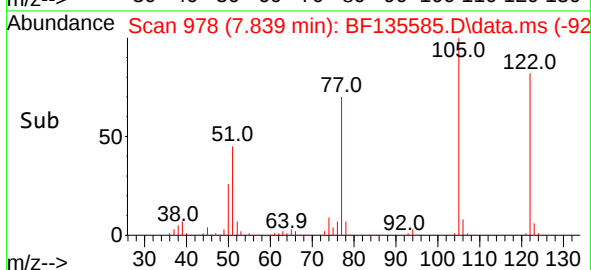
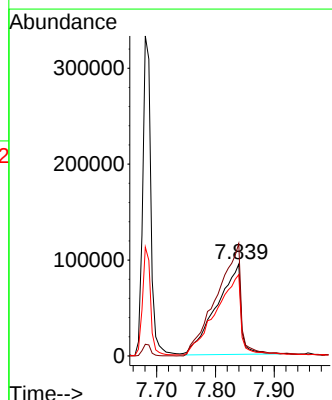
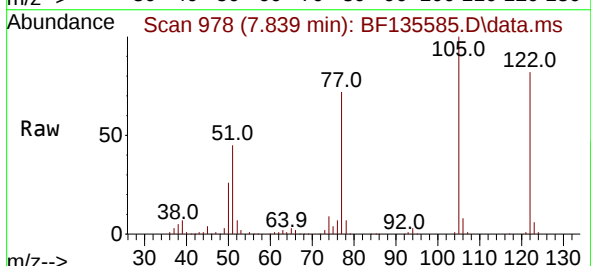
Tgt Ion:122 Resp: 274027

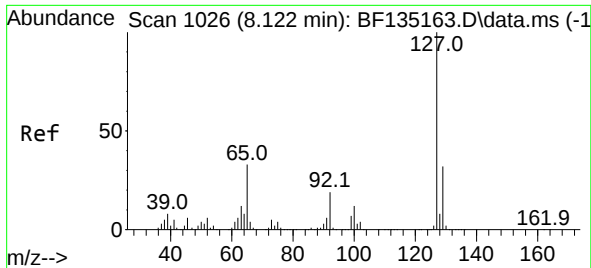
Ion Ratio Lower Upper

122 100

105 122.2 99.9 139.9

77 88.5 70.0 110.0





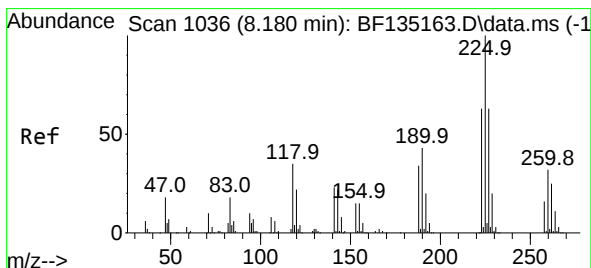
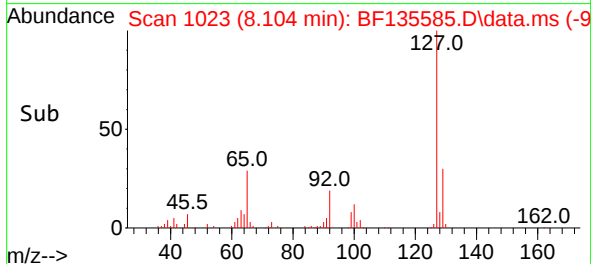
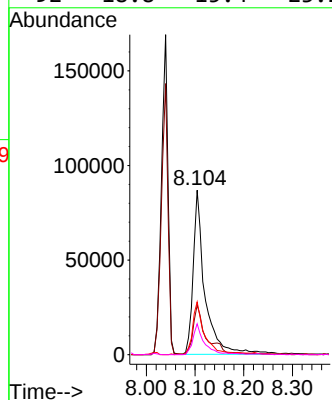
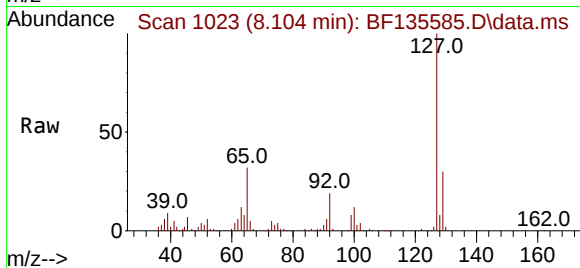
#33
4-Chloroaniline
Concen: 12.928 ng
RT: 8.104 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion:	127	Resp:	14644
Ion Ratio	Lower	Upper	
127	100		
129	30.1	25.8	38.8
65	32.1	26.6	39.8
92	18.8	15.4	23.2

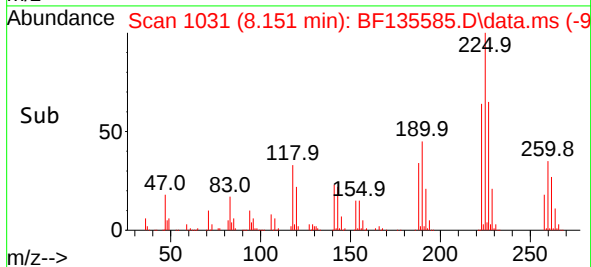
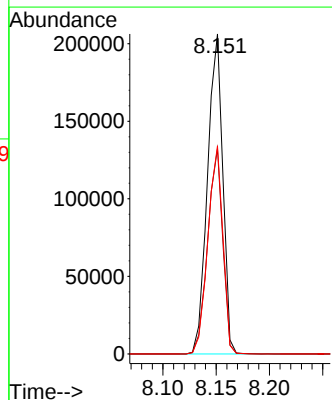
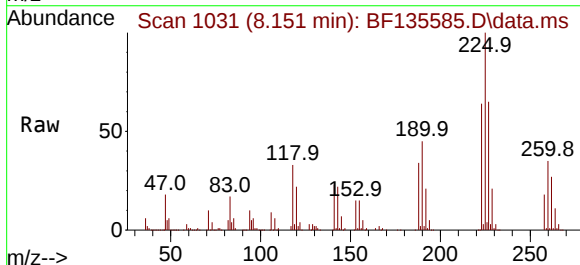
Manual Integrations
APPROVED

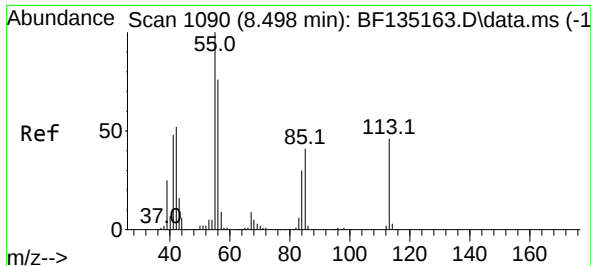
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#34
Hexachlorobutadiene
Concen: 45.231 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

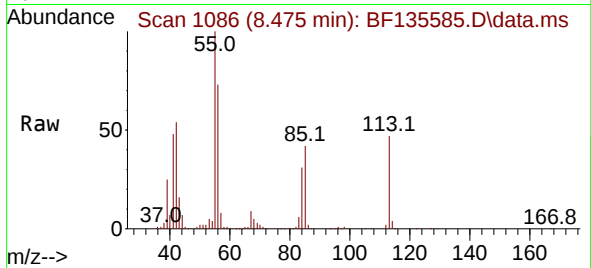
Tgt Ion:	225	Resp:	206020
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.6	75.8
227	65.1	50.8	76.2





#35
Caprolactam
Concen: 48.751 ng m
RT: 8.475 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

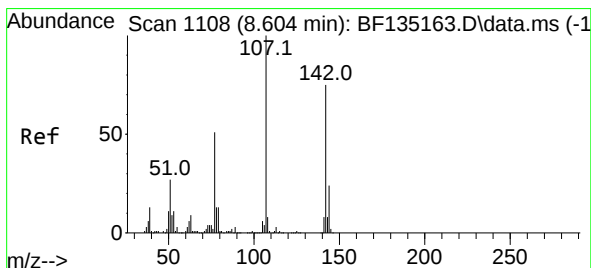
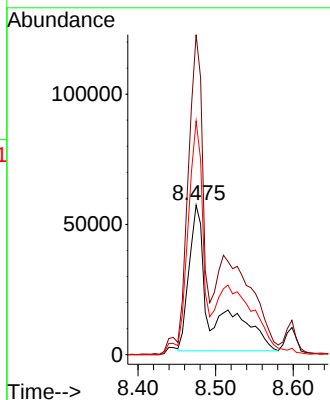
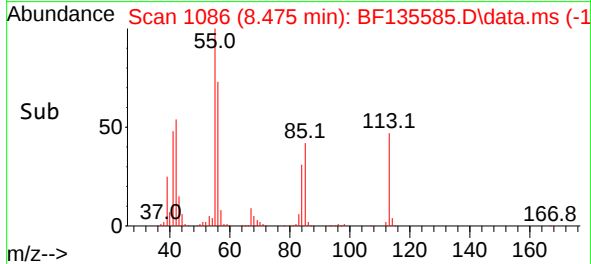
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:113 Resp: 118240
Ion Ratio Lower Upper
113 100
55 214.0 199.3 239.3
56 156.3 146.3 186.3

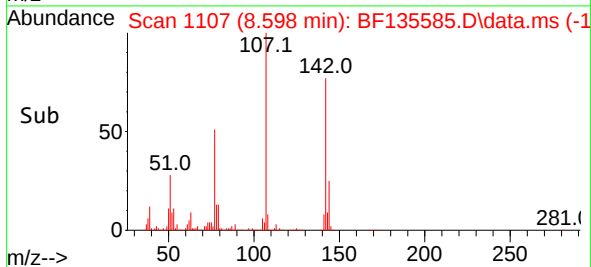
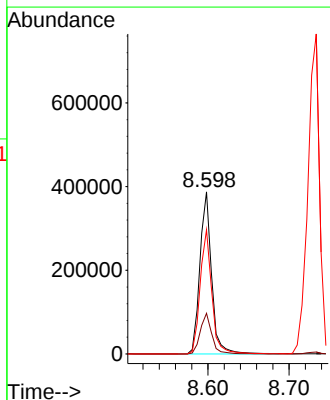
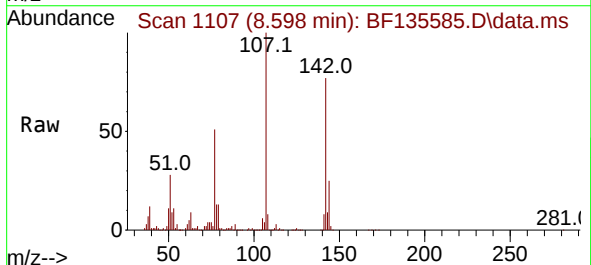
Manual Integrations
APPROVED

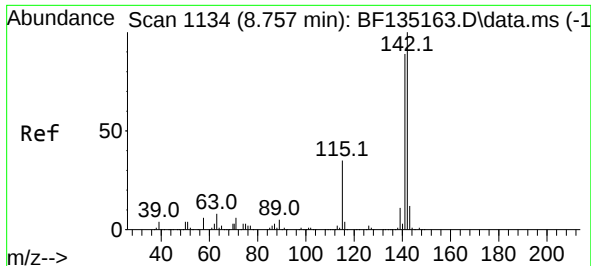
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#36
4-Chloro-3-methylphenol
Concen: 48.342 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion:107 Resp: 388293
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 76.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 43.947 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:142 Resp: 762730

Ion Ratio Lower Upper

142 100

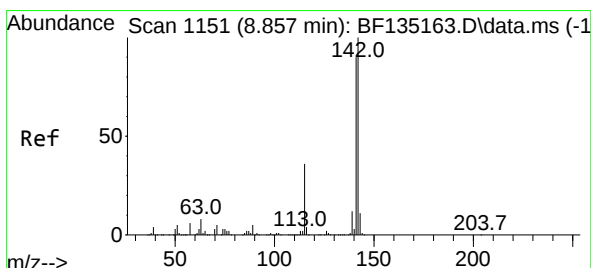
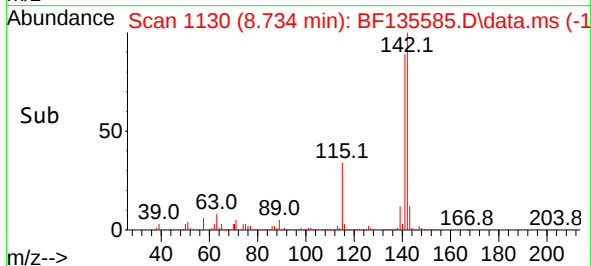
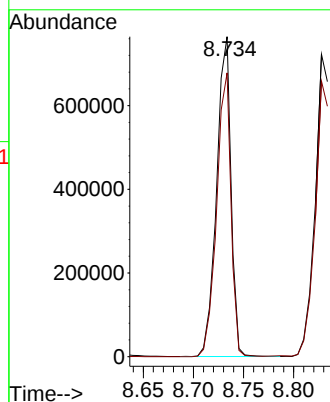
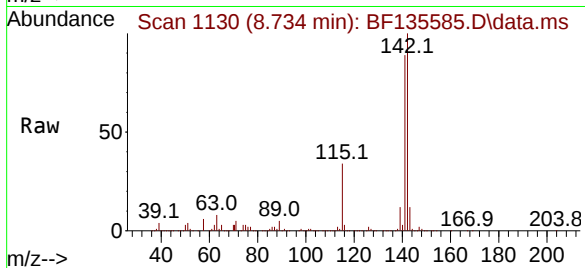
141 88.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#38

1-Methylnaphthalene

Concen: 45.142 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135585.D

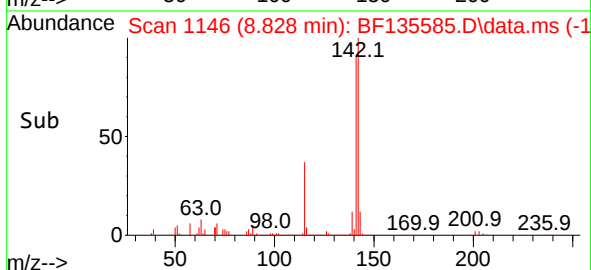
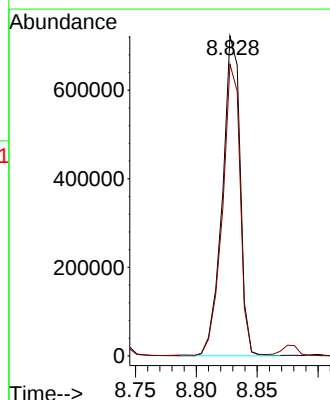
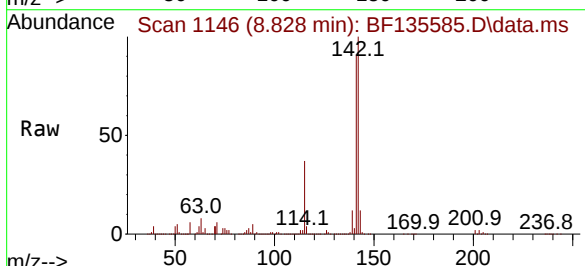
Acq: 04 Oct 2023 23:23

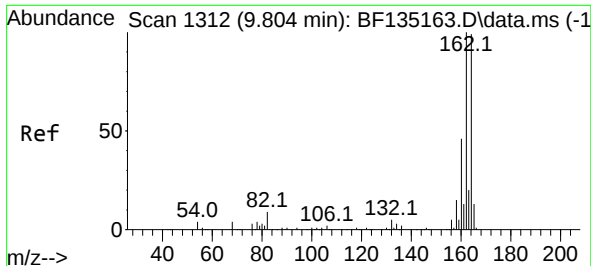
Tgt Ion:142 Resp: 733523

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:164 Resp: 264900

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

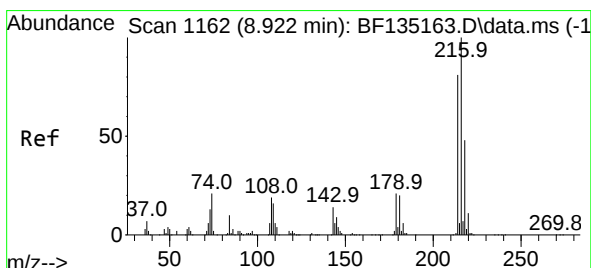
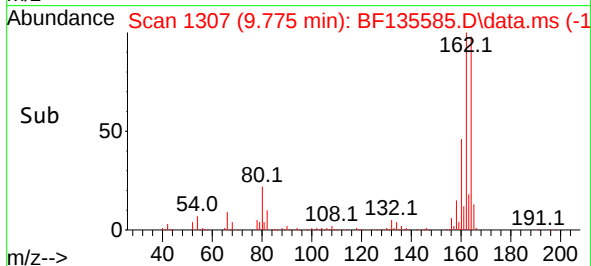
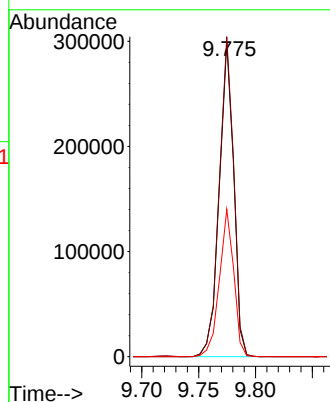
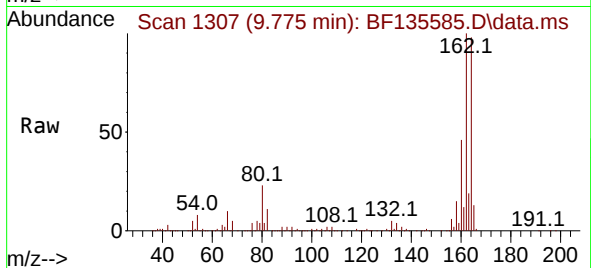
160 46.9 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.538 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Tgt Ion:216 Resp: 364830

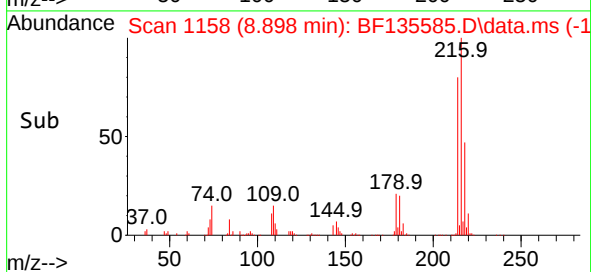
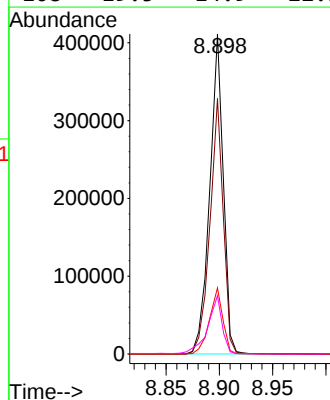
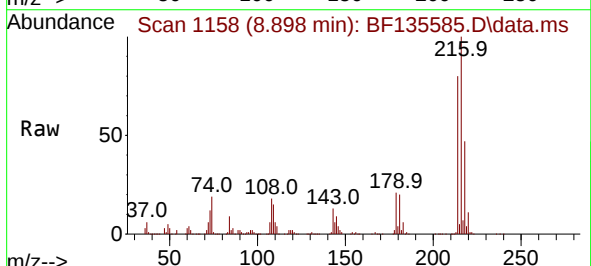
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 20.5 16.7 25.1

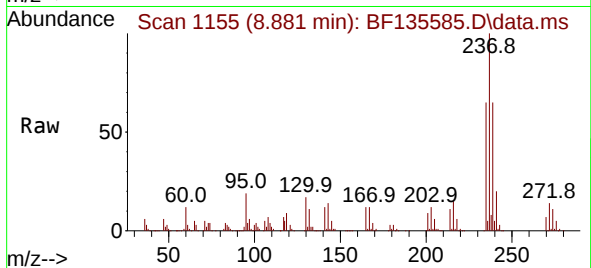
108 19.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 52.960 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

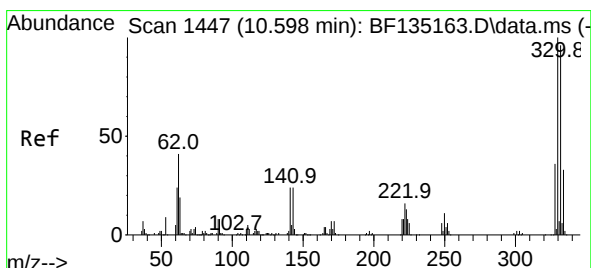
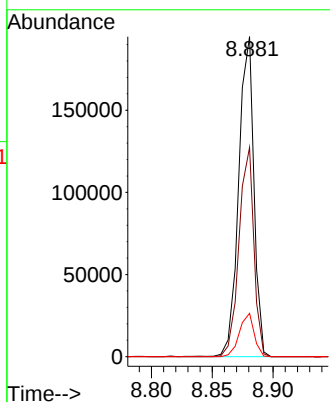
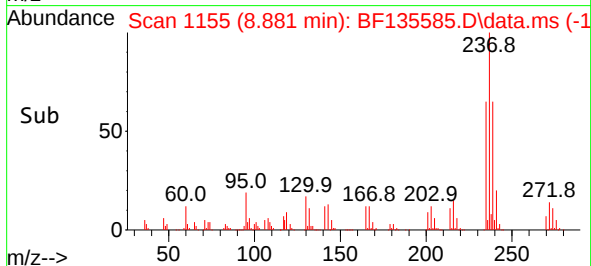
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



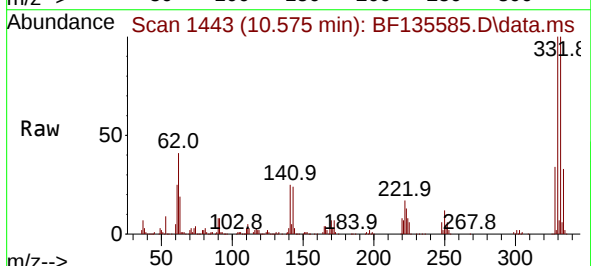
Tgt Ion:237 Resp: 16979
Ion Ratio Lower Upper
237 100
235 65.4 41.8 81.8
272 13.5 0.0 33.6

Manual Integrations
APPROVED

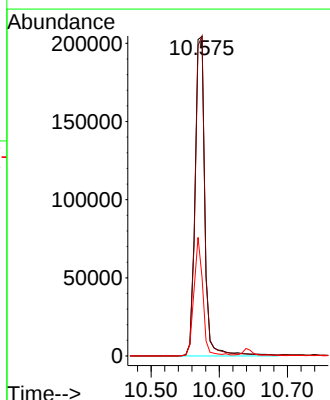
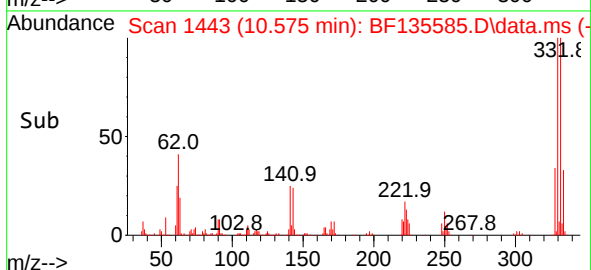
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

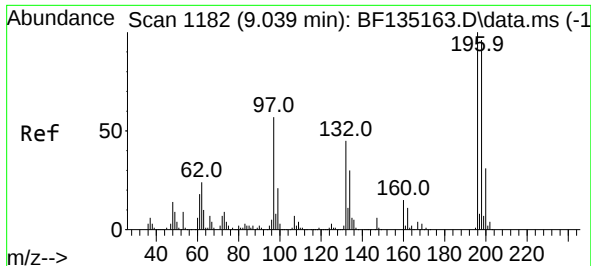


#42
2,4,6-Tribromophenol
Concen: 78.011 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



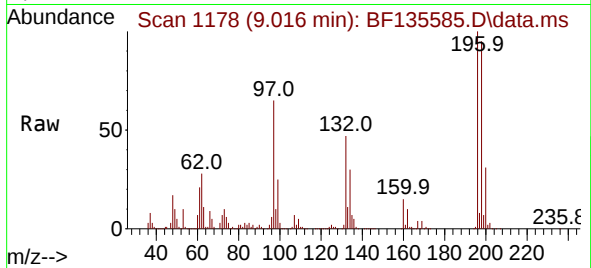
Tgt Ion:330 Resp: 205367
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 33.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.720 ng
RT: 9.016 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

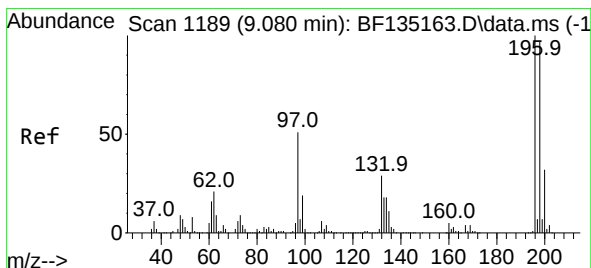
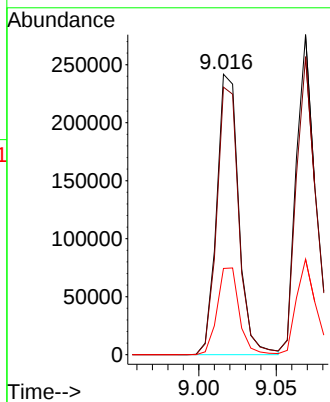
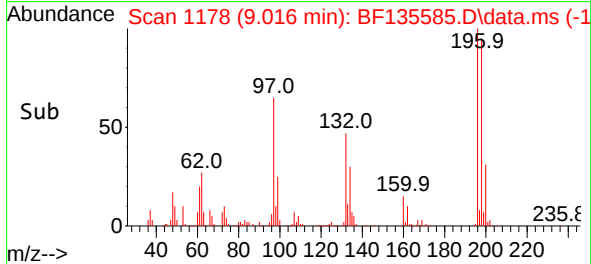
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



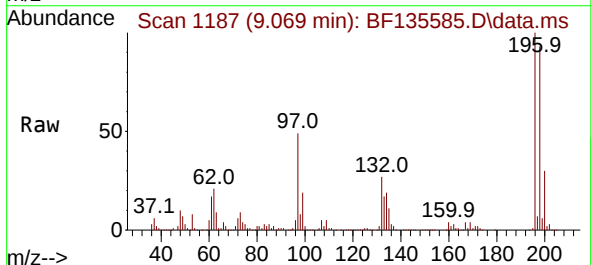
Tgt Ion:196 Resp: 239785
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
200 30.7 24.5 36.7

Manual Integrations
APPROVED

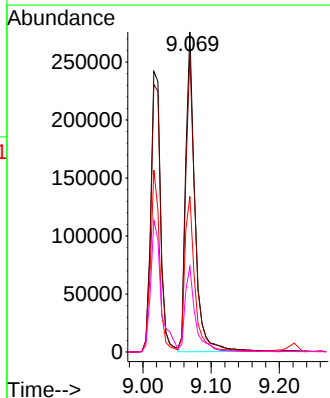
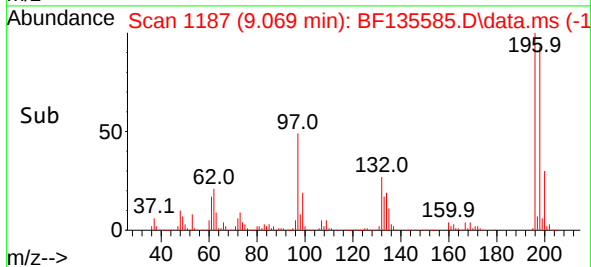
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

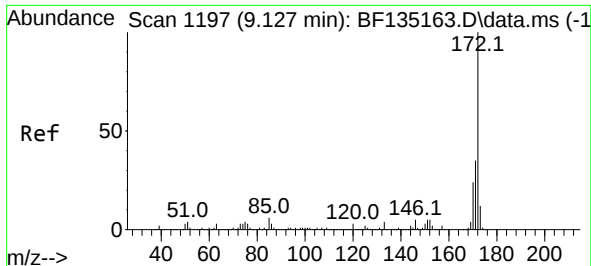


#44
2,4,5-Trichlorophenol
Concen: 44.715 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:196 Resp: 258751
Ion Ratio Lower Upper
196 100
198 93.1 77.5 116.3
97 48.6 40.5 60.7
132 26.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 57.856 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:172 Resp: 101585

Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

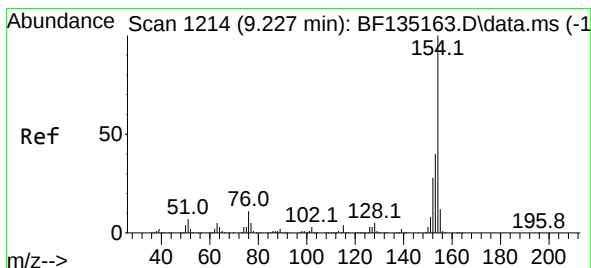
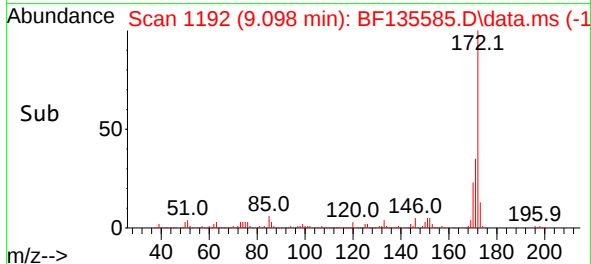
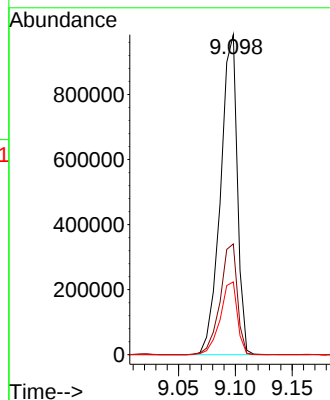
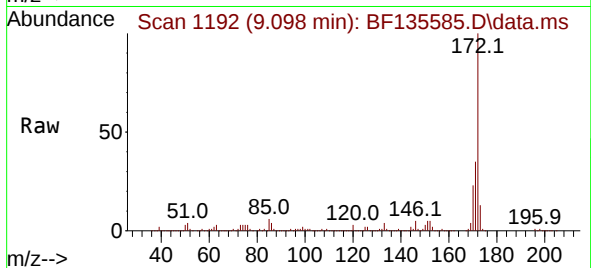
170 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#46

1,1'-Biphenyl

Concen: 47.355 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

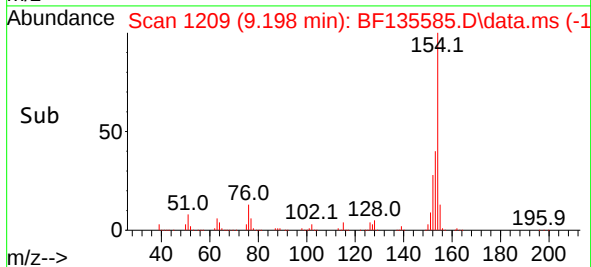
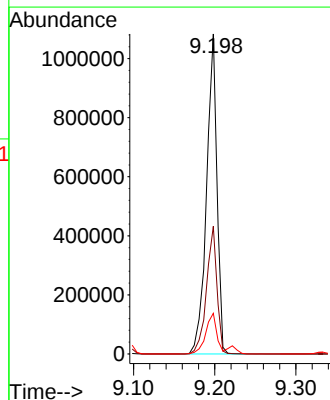
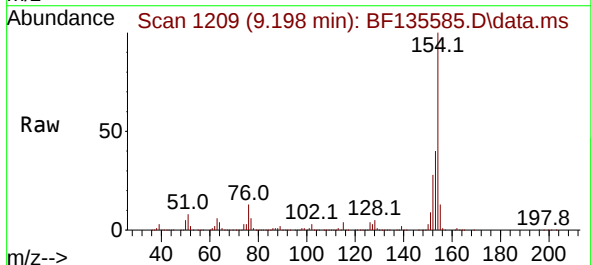
Tgt Ion:154 Resp: 964035

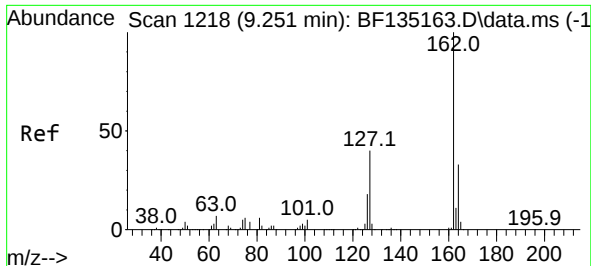
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

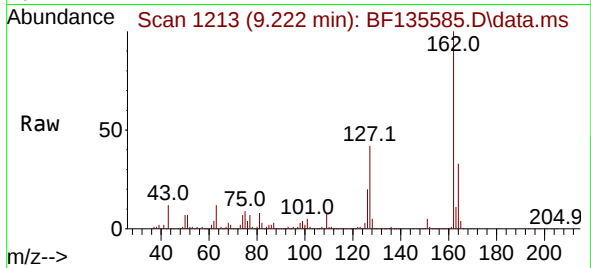
76 12.7 0.0 31.0





#47
2-Chloronaphthalene
Concen: 47.811 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

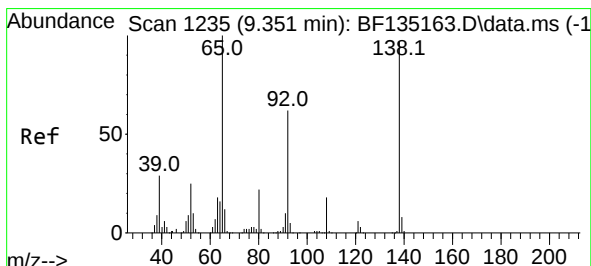
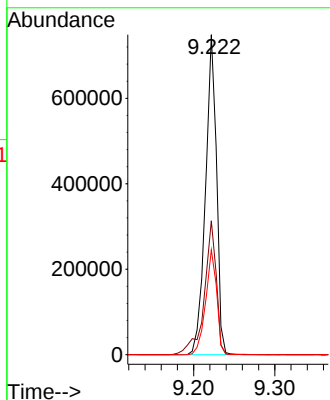
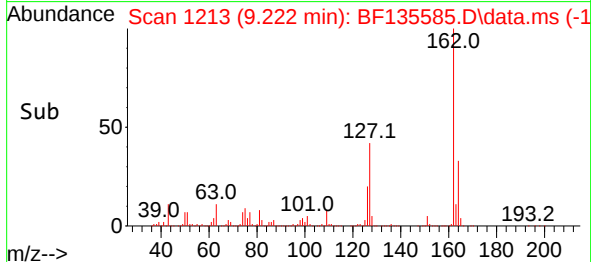
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:162 Resp: 706194
Ion Ratio Lower Upper
162 100
127 41.9 32.6 48.8
164 32.7 26.2 39.2

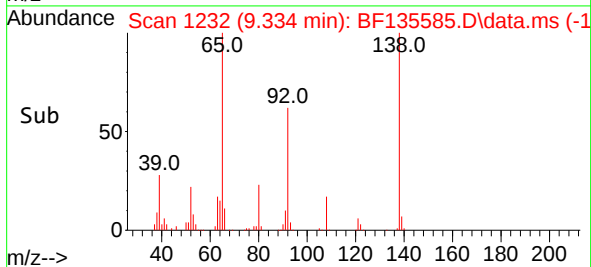
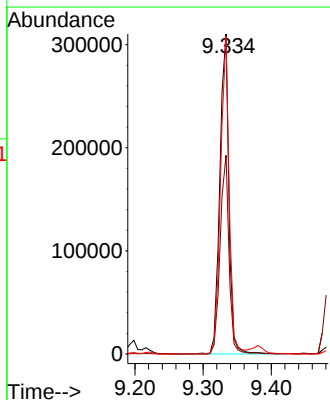
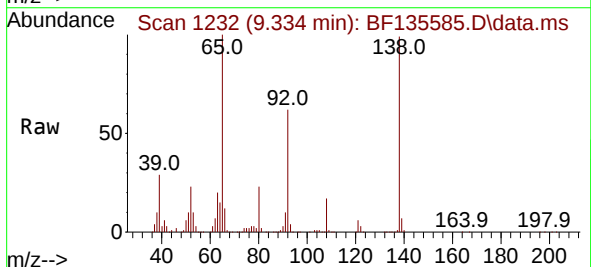
Manual Integrations
APPROVED

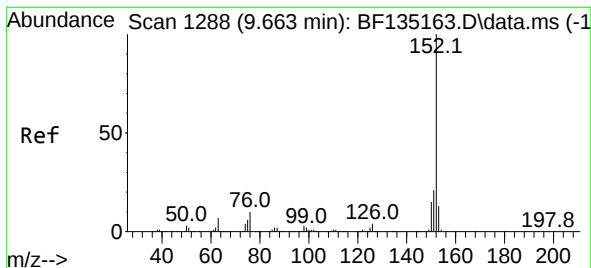
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#48
2-Nitroaniline
Concen: 49.902 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Tgt Ion: 65 Resp: 286355
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.0
138 99.3 77.4 116.0





#49

Acenaphthylene

Concen: 47.397 ng

RT: 9.639 min Scan# 1163480

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:152 Resp: 1163480

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

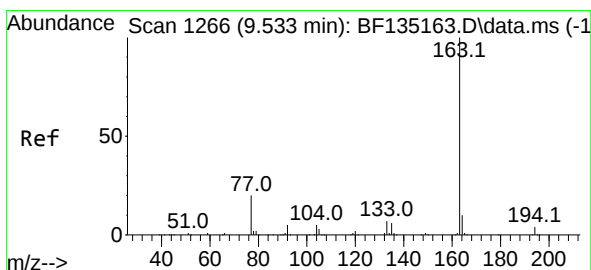
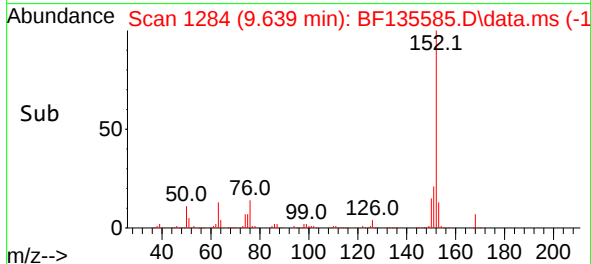
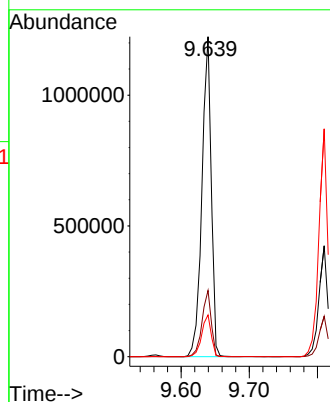
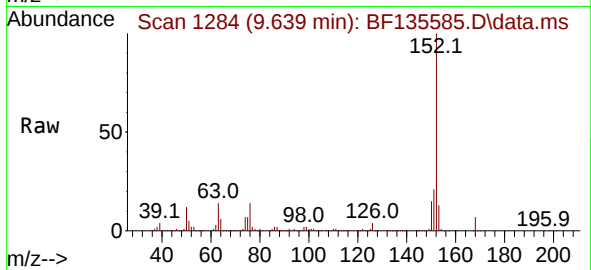
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#50

Dimethylphthalate

Concen: 48.357 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

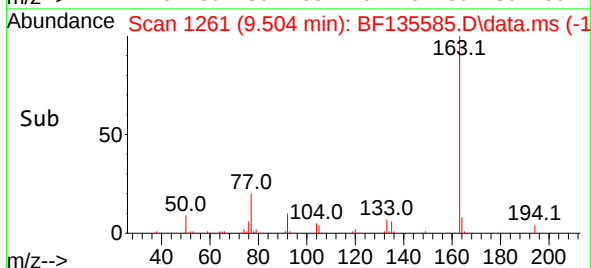
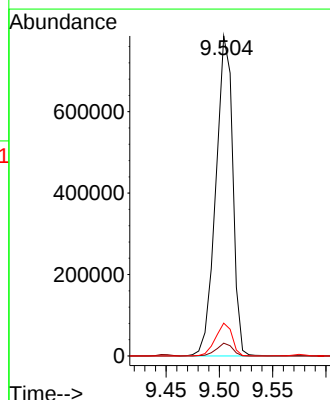
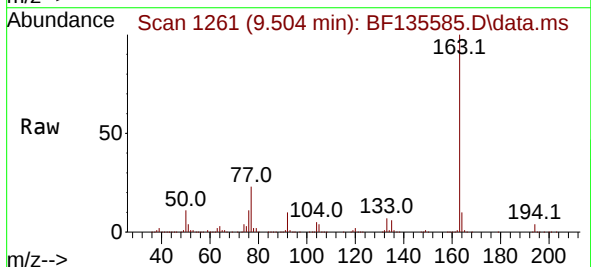
Tgt Ion:163 Resp: 866097

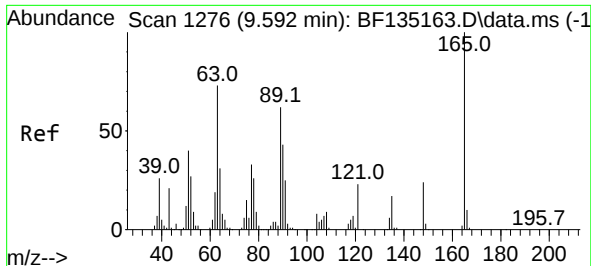
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

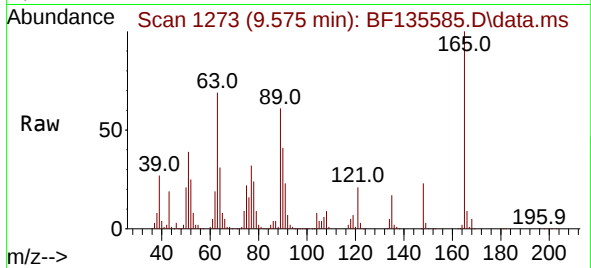
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.453 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

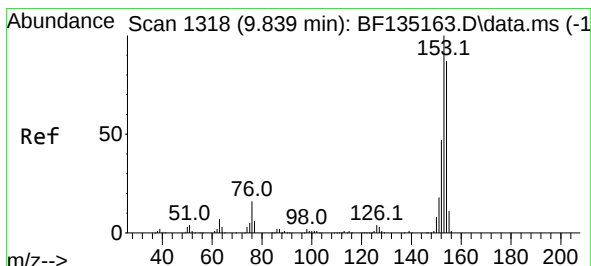
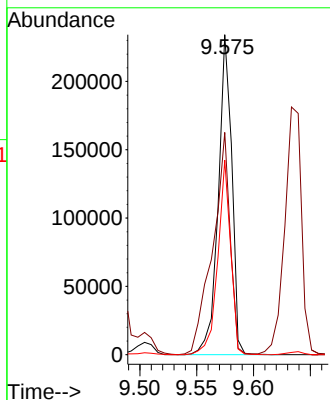
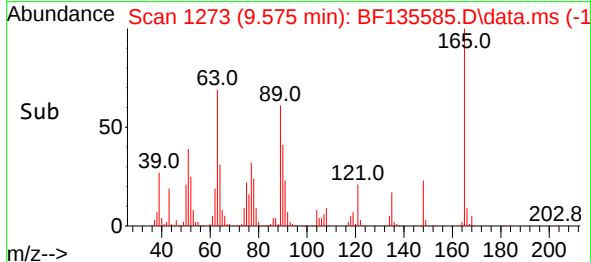
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



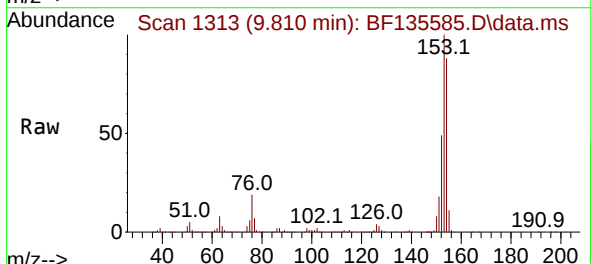
Tgt Ion:165 Resp: 19403
Ion Ratio Lower Upper
165 100
63 69.5 59.4 89.2
89 60.8 49.8 74.8

Manual Integrations
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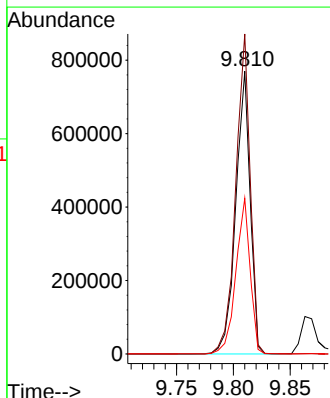
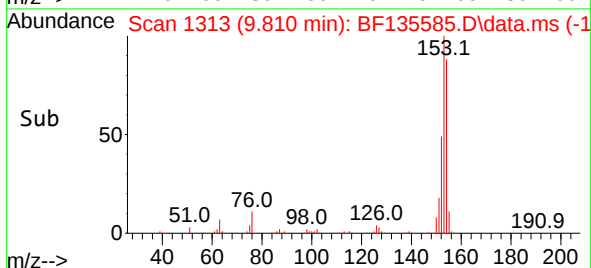
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

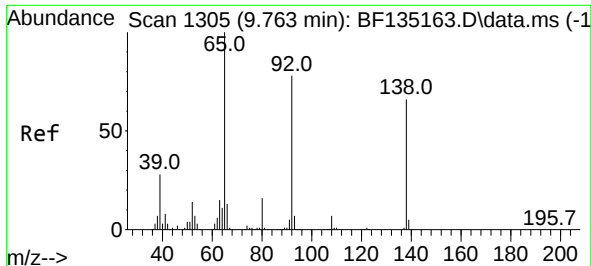


#52
Acenaphthene
Concen: 46.779 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:154 Resp: 678367
Ion Ratio Lower Upper
154 100
153 113.2 92.1 138.1
152 55.1 43.1 64.7





#53
3-Nitroaniline
Concen: 31.621 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

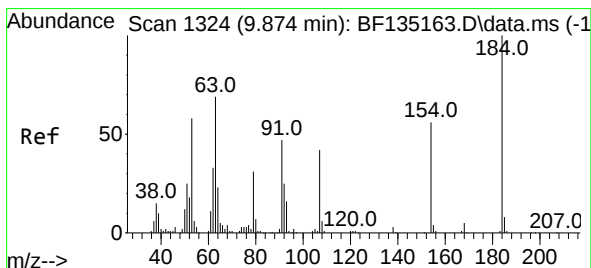
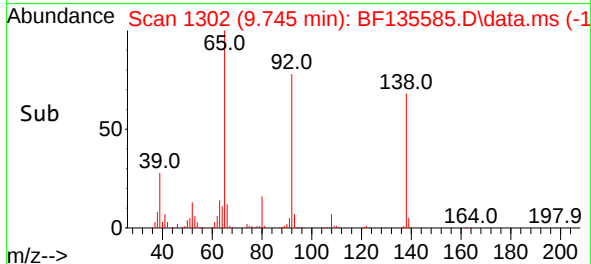
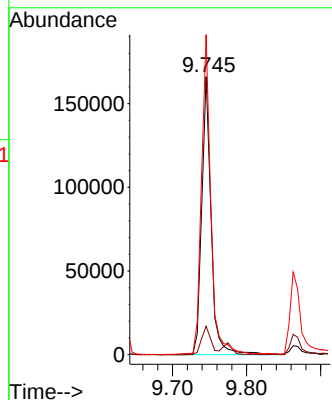
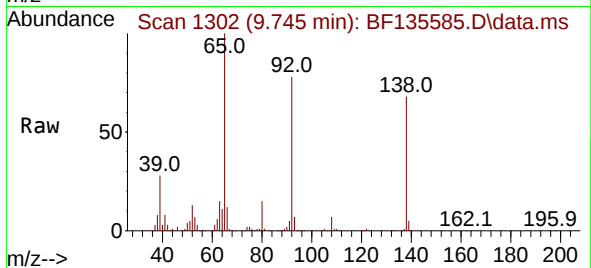
E9066-OB-003

Tgt Ion:138 Resp: 145630
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 115.1 95.4 143.0

Manual Integrations

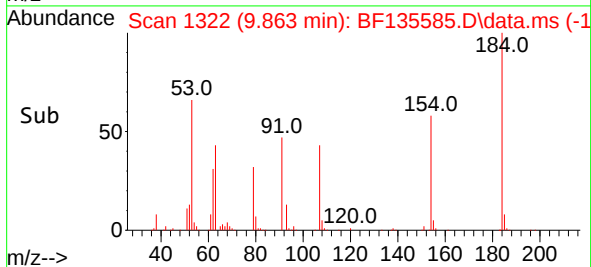
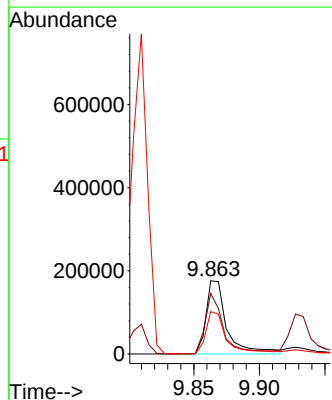
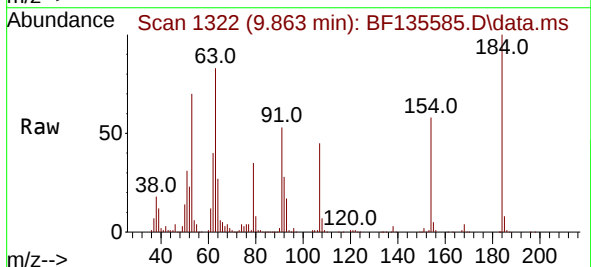
APPROVED

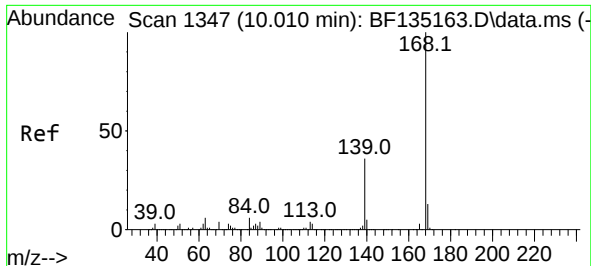
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#54
2,4-Dinitrophenol
Concen: 87.540 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

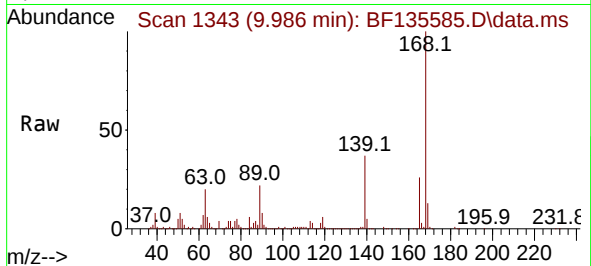
Tgt Ion:184 Resp: 196407
Ion Ratio Lower Upper
184 100
63 82.6 55.1 82.7
154 58.0 48.4 72.6





#55
Dibenzenofuran
Concen: 44.513 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

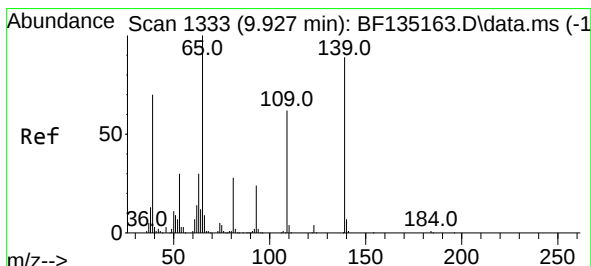
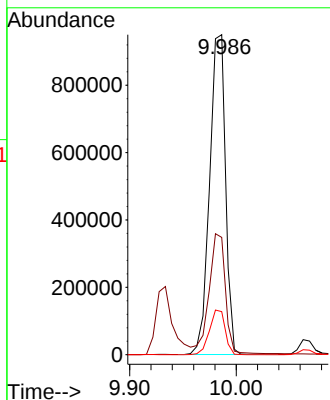
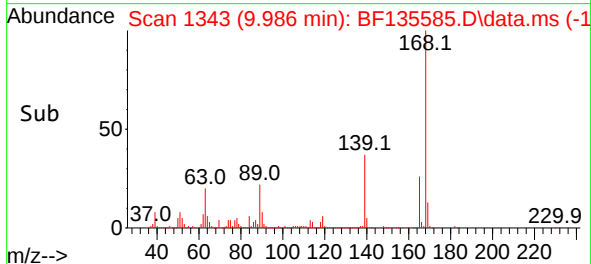
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:168 Resp: 985028
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.6
169 13.4 10.4 15.6

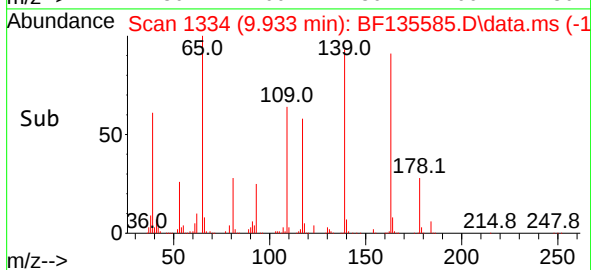
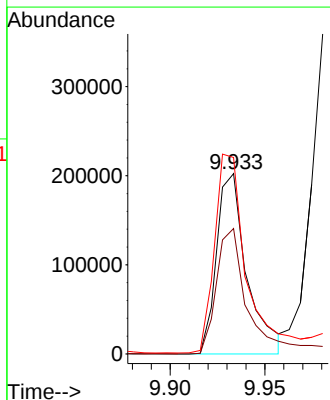
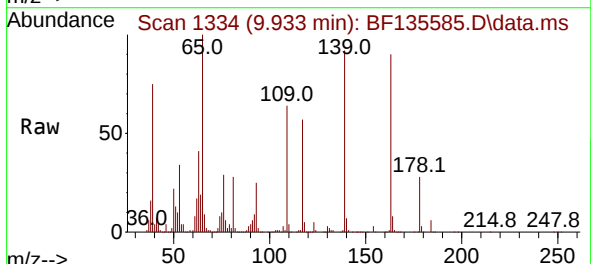
Manual Integrations
APPROVED

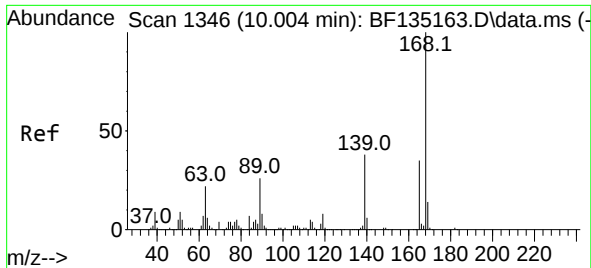
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#56
4-Nitrophenol
Concen: 76.986 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

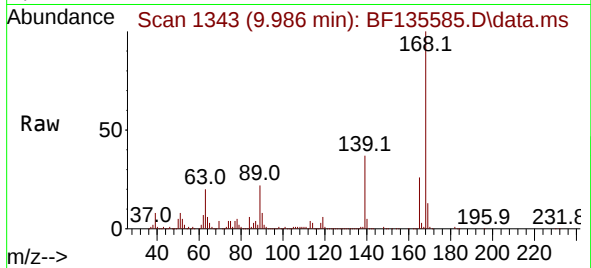
Tgt Ion:139 Resp: 225345
Ion Ratio Lower Upper
139 100
109 69.6 49.8 89.8
65 109.0 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.014 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

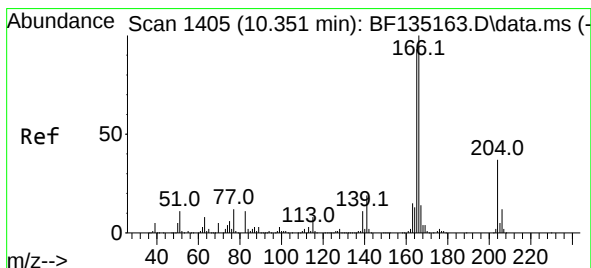
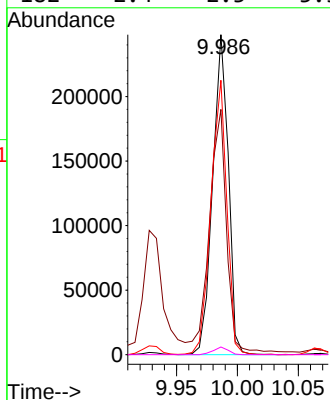
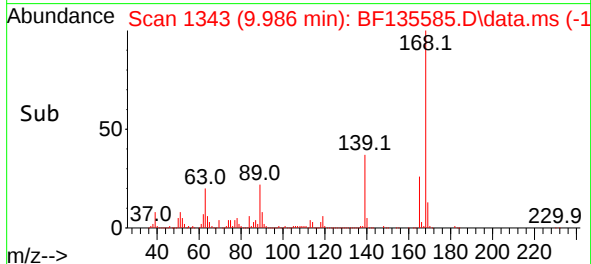
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



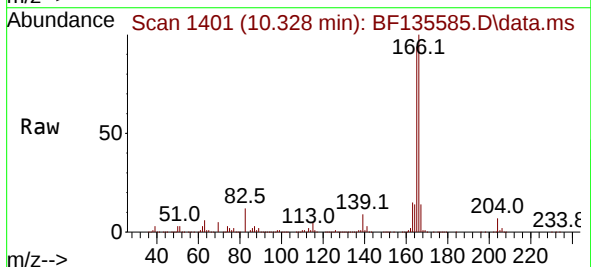
Tgt Ion:165 Resp: 221109
Ion Ratio Lower Upper
165 100
63 76.7 50.1 75.1
89 85.8 59.3 88.9
182 2.4 2.3 3.5

Manual Integrations
APPROVED

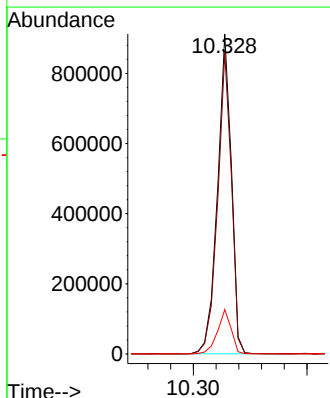
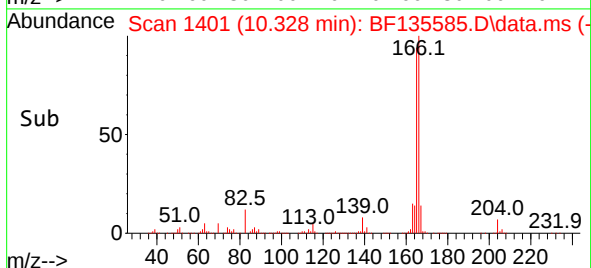
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

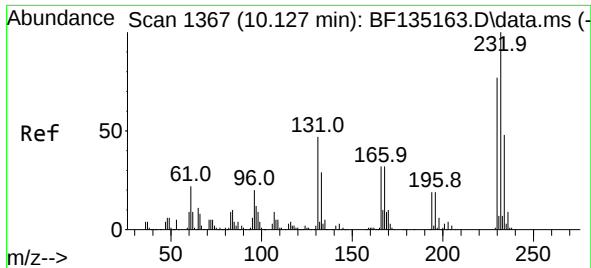


#58
Fluorene
Concen: 45.526 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



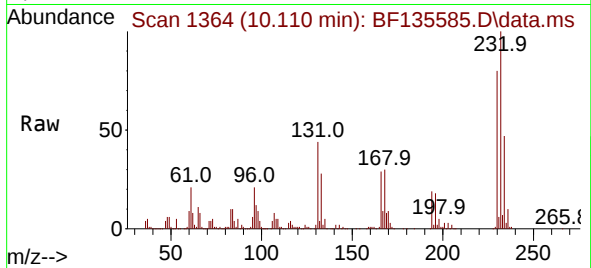
Tgt Ion:166 Resp: 774493
Ion Ratio Lower Upper
166 100
165 94.2 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.849 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

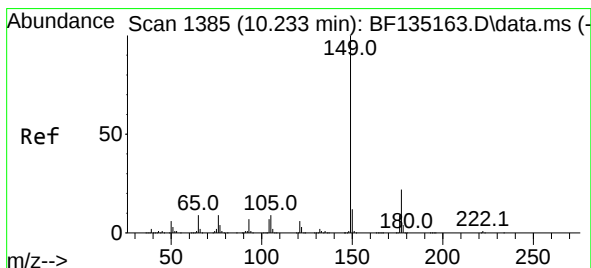
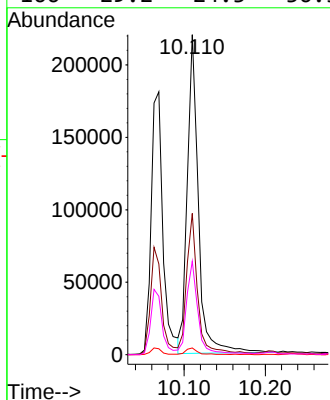
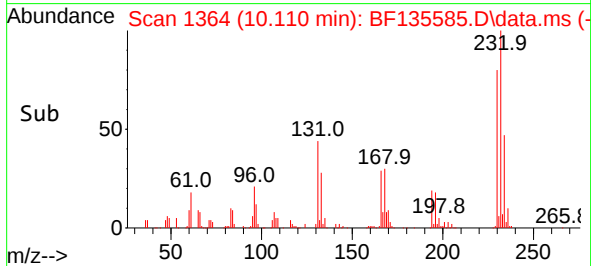
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:232 Resp: 20854
Ion Ratio Lower Upper
232 100
131 43.0 35.4 53.2
130 2.1 1.8 2.8
166 29.2 24.3 36.5

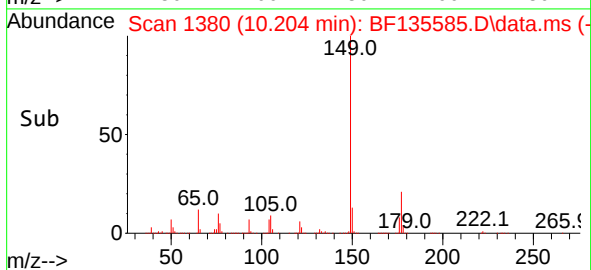
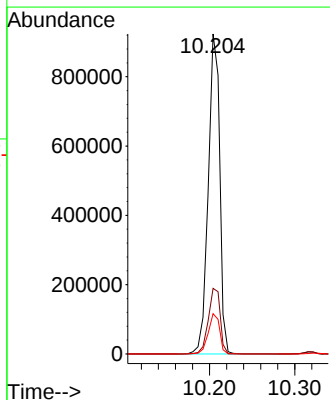
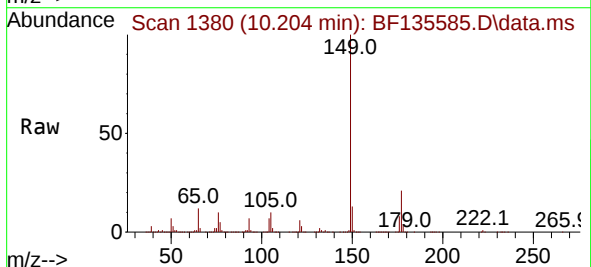
Manual Integrations
APPROVED

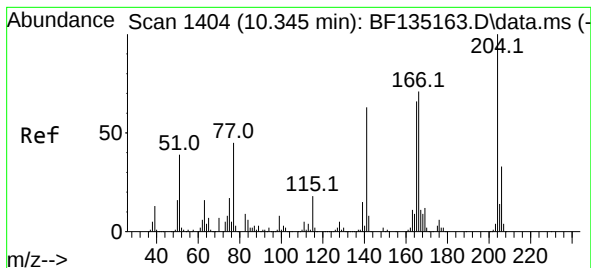
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#60
Diethylphthalate
Concen: 47.964 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

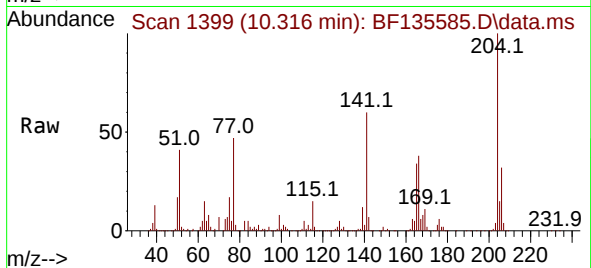
Tgt Ion:149 Resp: 862142
Ion Ratio Lower Upper
149 100
177 20.5 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.674 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

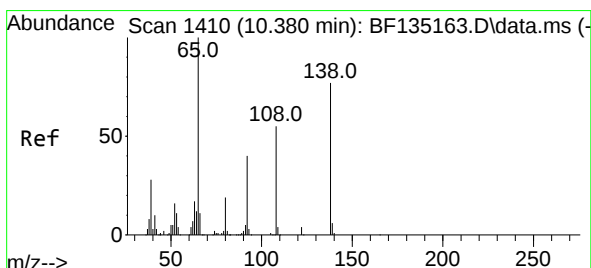
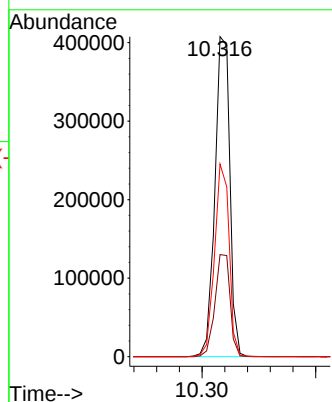
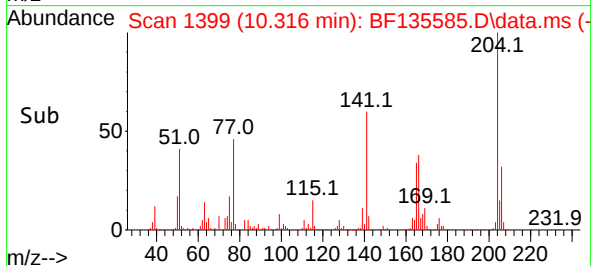
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



Tgt Ion:204 Resp: 37324
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 60.2 50.6 75.8

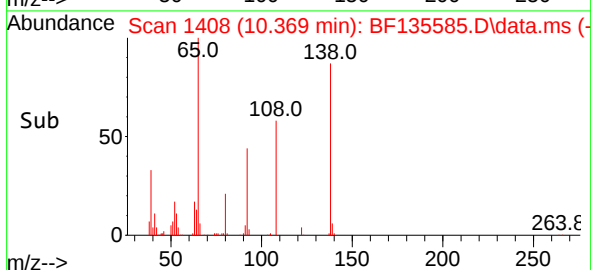
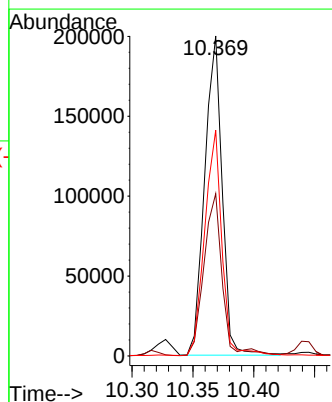
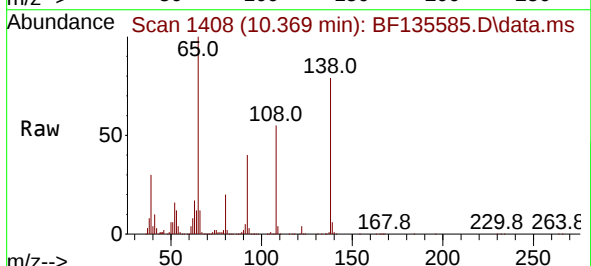
Manual Integrations
APPROVED

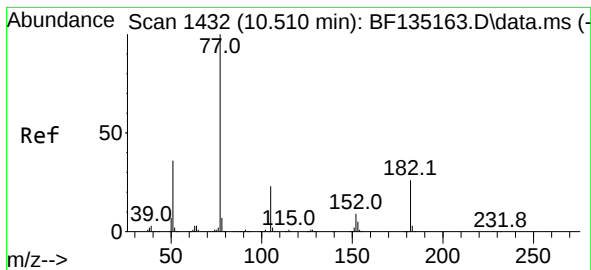
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#62
4-Nitroaniline
Concen: 45.016 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

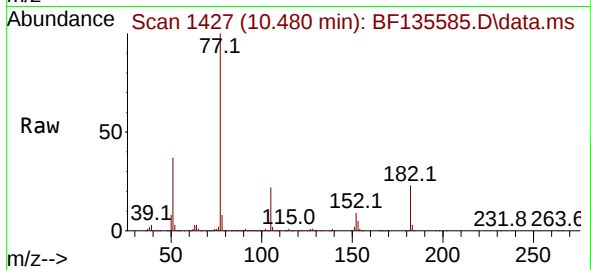
Tgt Ion:138 Resp: 199292
Ion Ratio Lower Upper
138 100
92 50.7 31.8 71.8
108 70.5 52.0 92.0





#63
Azobenzene
Concen: 50.005 ng
RT: 10.480 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

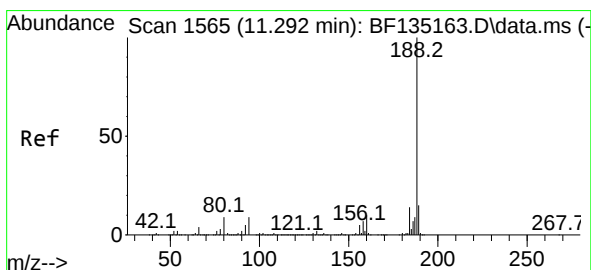
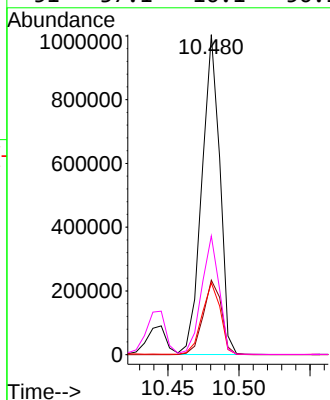
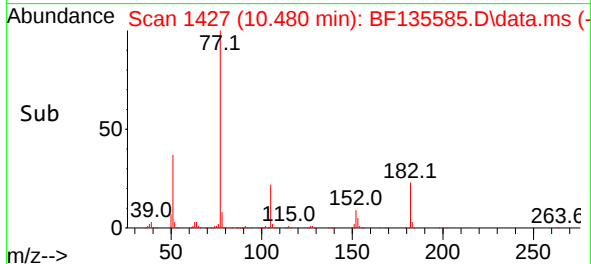
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



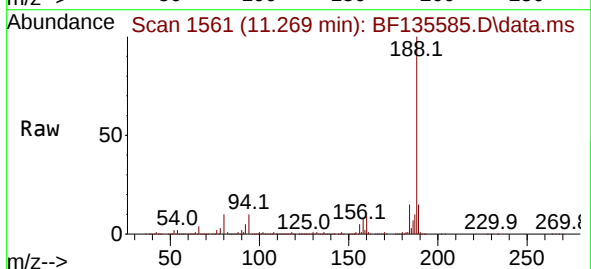
Tgt Ion: 77 Resp: 879679
Ion Ratio Lower Upper
77 100
182 23.3 6.4 46.4
105 22.4 3.1 43.1
51 37.1 16.1 56.1

Manual Integrations
APPROVED

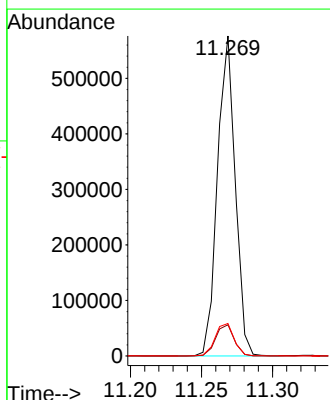
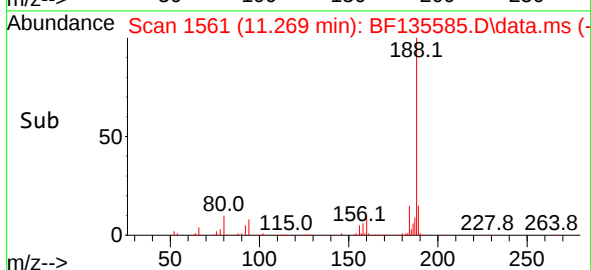
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

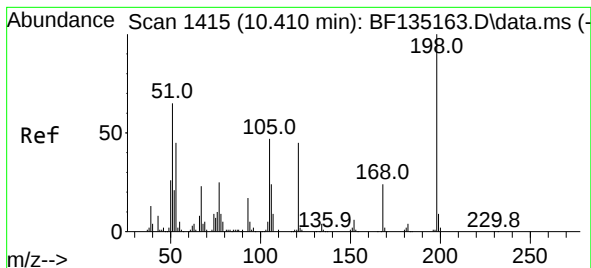


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



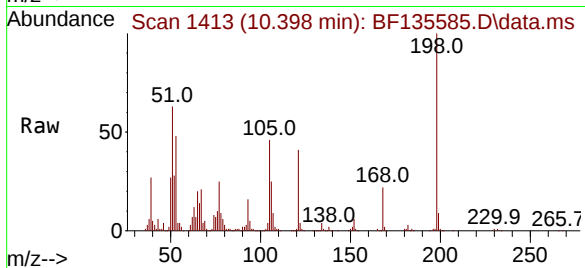
Tgt Ion:188 Resp: 500539
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.2 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.922 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

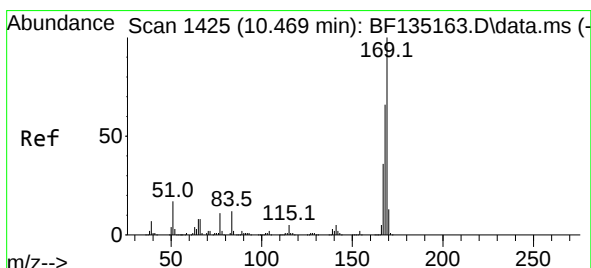
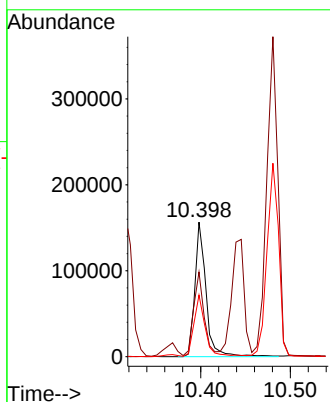
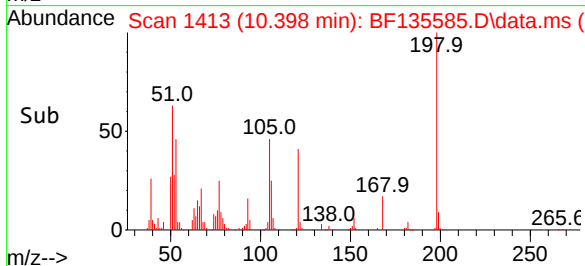
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



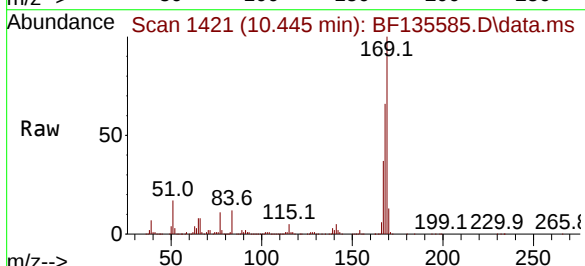
Tgt Ion:198 Resp: 135370
Ion Ratio Lower Upper
198 100
51 62.9 47.7 87.7
105 45.8 27.4 67.4

Manual Integrations
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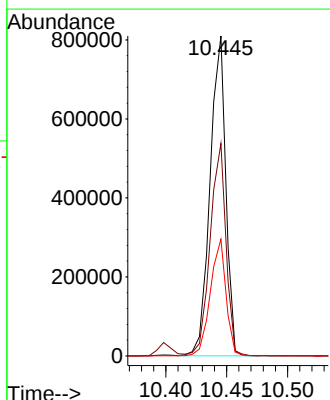
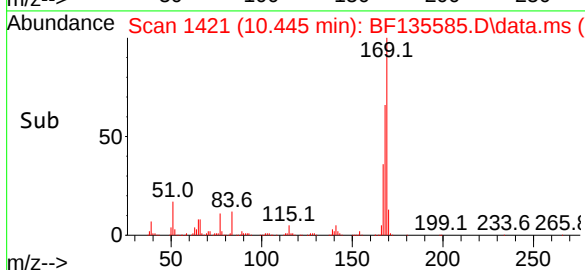
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

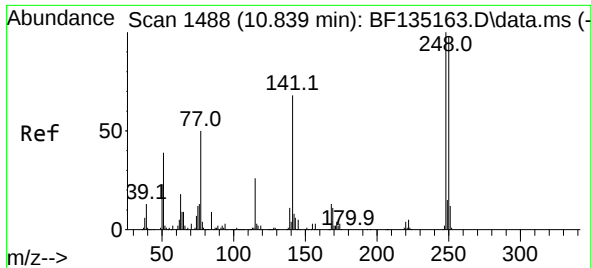


#66
n-Nitrosodiphenylamine
Concen: 47.910 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



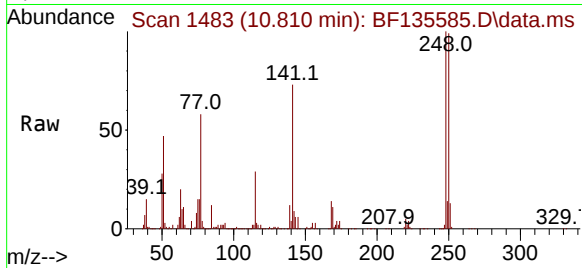
Tgt Ion:169 Resp: 726004
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.133 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

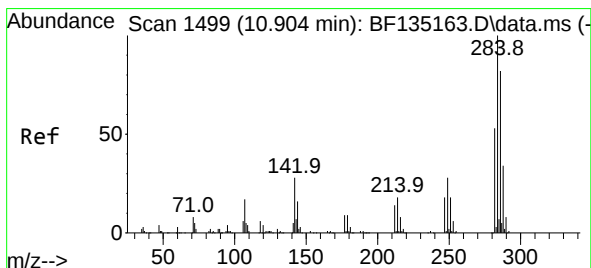
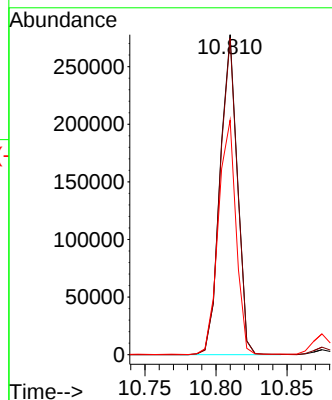
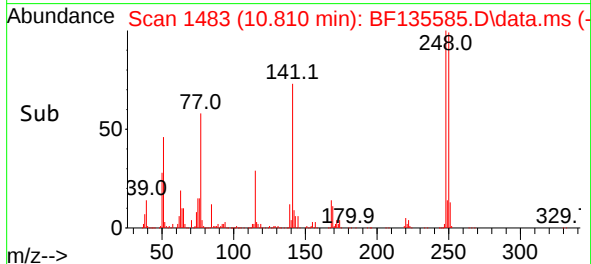
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



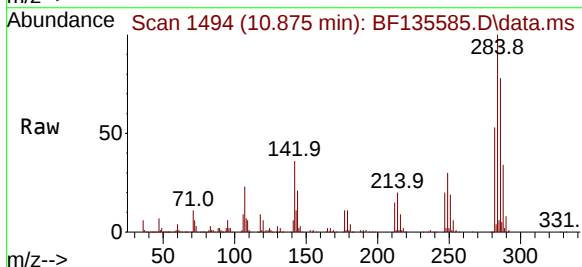
Tgt Ion:248 Resp: 234639
Ion Ratio Lower Upper
248 100
250 99.0 78.6 117.8
141 73.3 54.2 81.2

Manual Integrations
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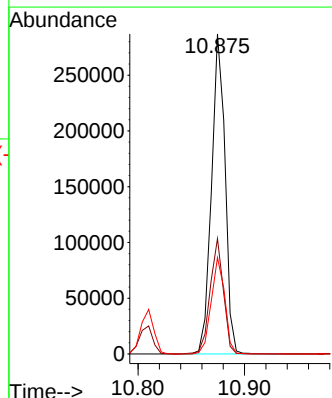
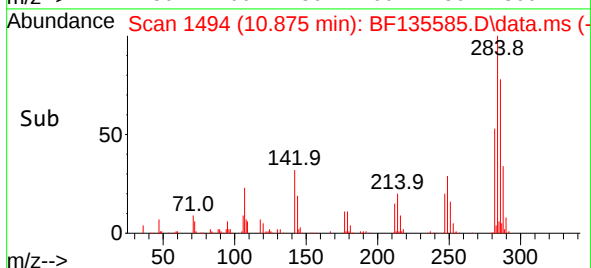
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

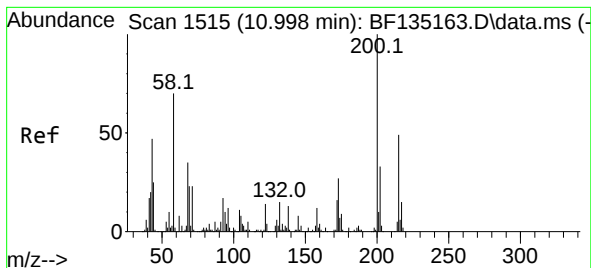


#68
Hexachlorobenzene
Concen: 49.820 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:284 Resp: 252670
Ion Ratio Lower Upper
284 100
142 36.0 22.2 33.4#
249 30.1 22.5 33.7





#69

Atrazine

Concen: 54.150 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135585.D

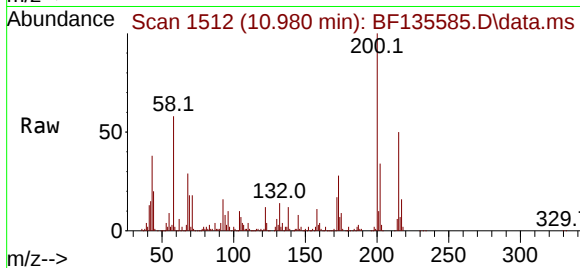
Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003



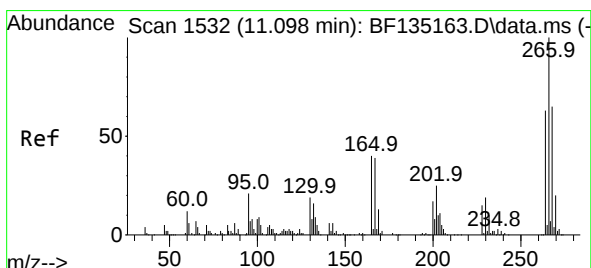
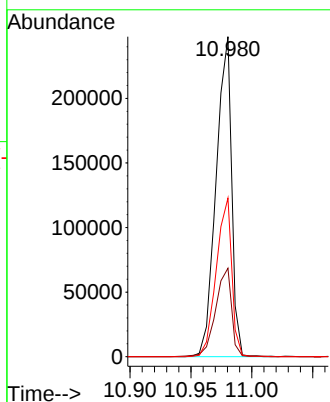
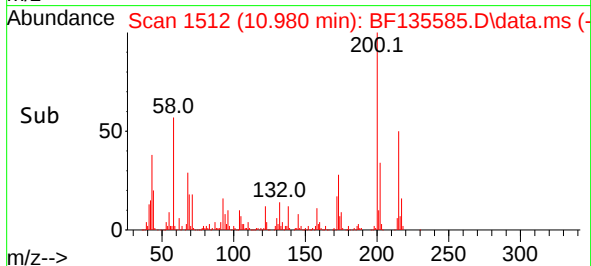
Tgt Ion:	200	Resp:	22079
Ion Ratio	Lower	Upper	
200	100		
173	27.7	7.4	47.4
215	49.5	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#70

Pentachlorophenol

Concen: 68.328 ng

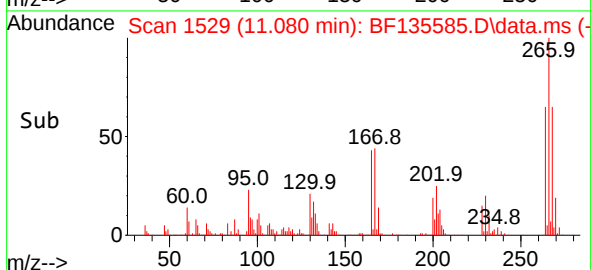
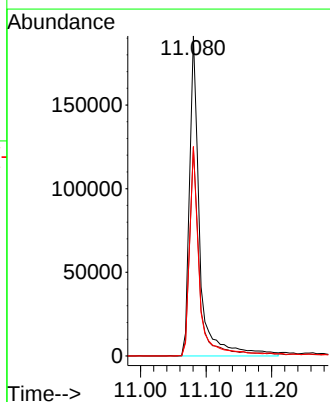
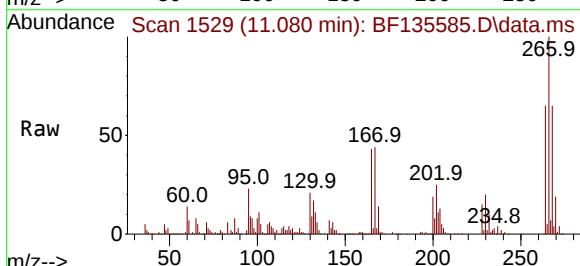
RT: 11.080 min Scan# 1529

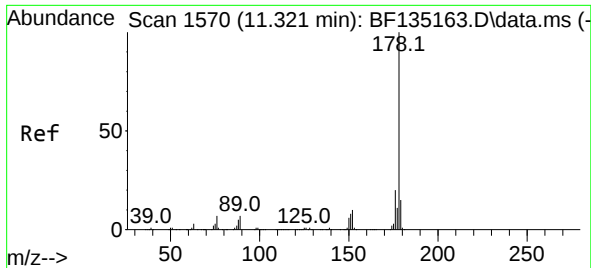
Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Tgt Ion:	266	Resp:	207332
Ion Ratio	Lower	Upper	
266	100		
268	65.1	52.1	78.1
264	65.5	50.8	76.2





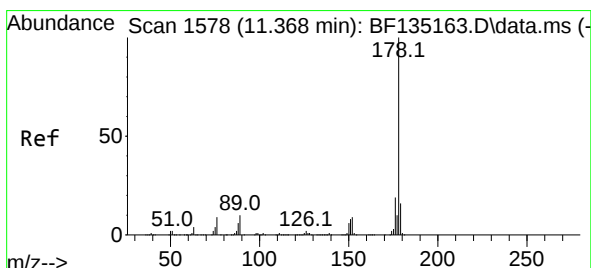
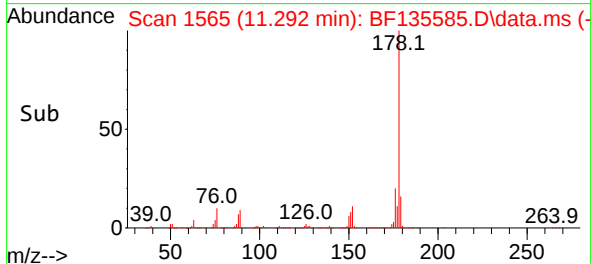
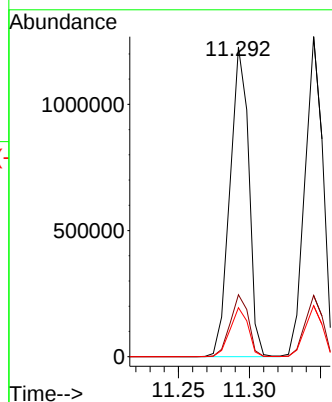
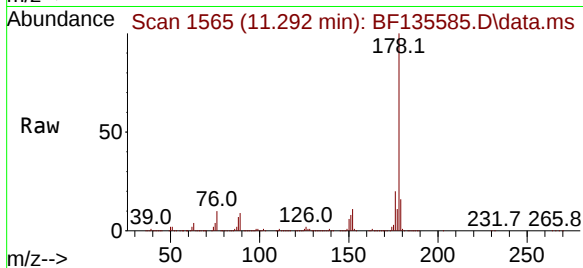
#71
Phenanthrene
Concen: 47.823 ng
RT: 11.292 min Scan# 11292
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion:178 Resp: 1132130
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.8 12.0 18.0

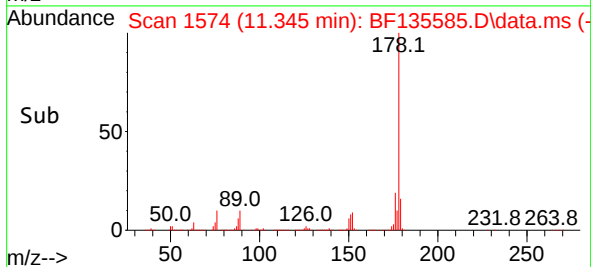
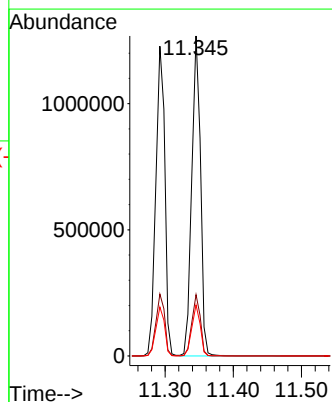
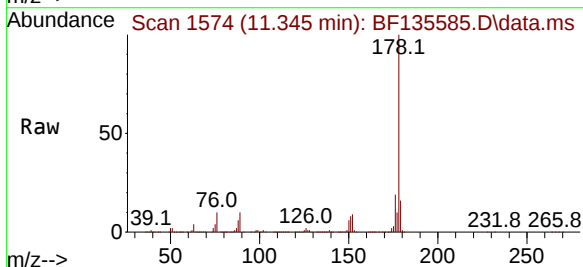
Manual Integrations
APPROVED

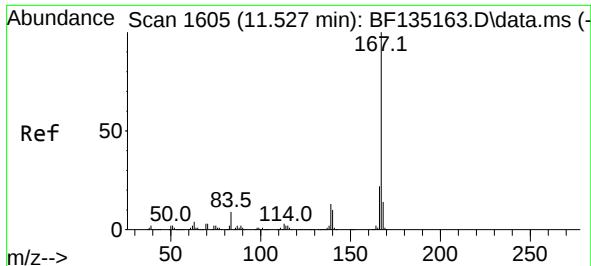
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Anthracene
Concen: 46.026 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

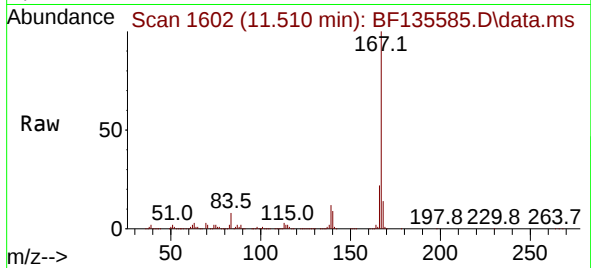
Tgt Ion:178 Resp: 1119987
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 48.742 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23

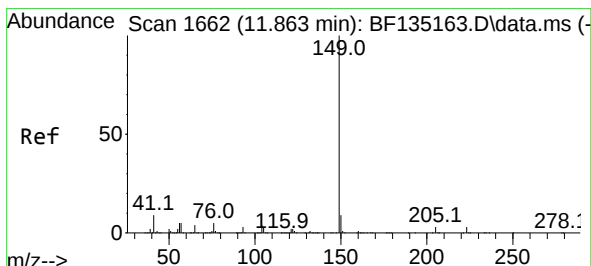
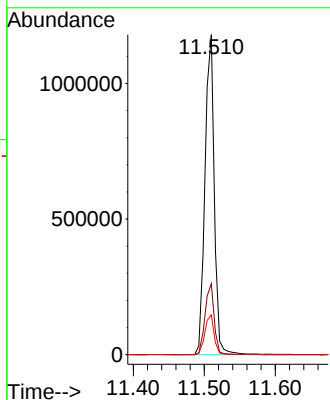
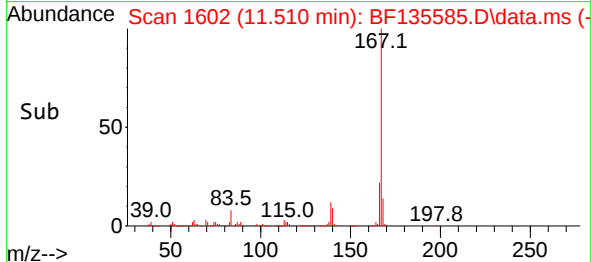
Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-003



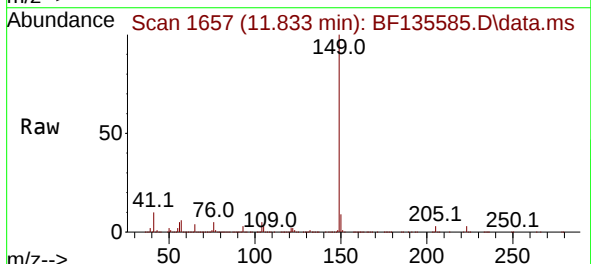
Tgt Ion:167 Resp: 1079699
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.4 10.6 15.8

Manual Integrations
 APPROVED

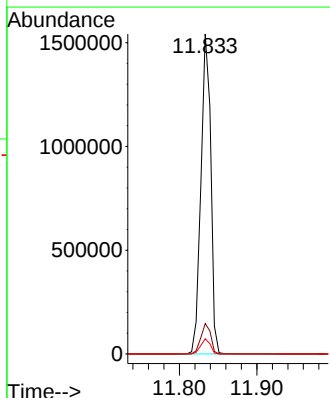
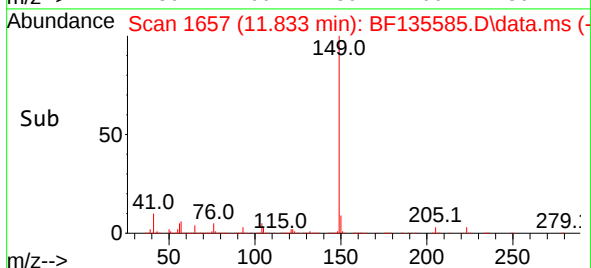
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

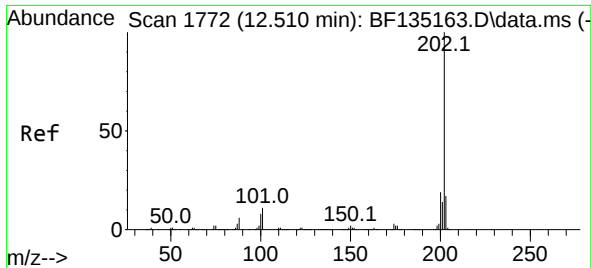


#74
 Di-n-butylphthalate
 Concen: 52.135 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23



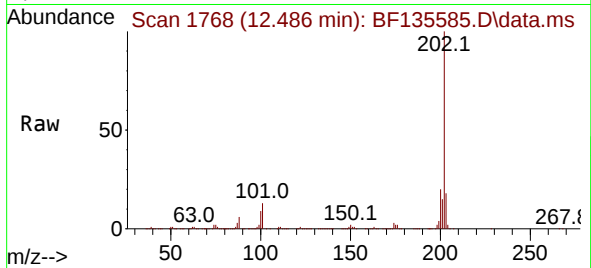
Tgt Ion:149 Resp: 1360826
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 48.214 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

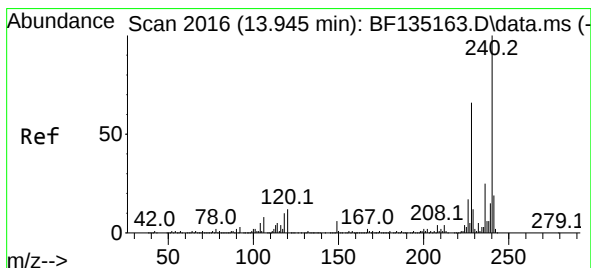
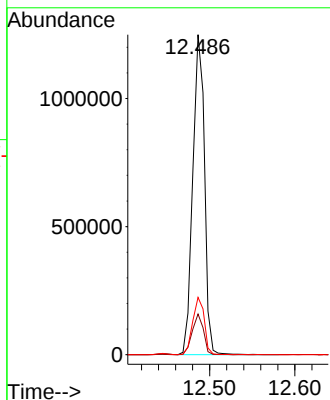
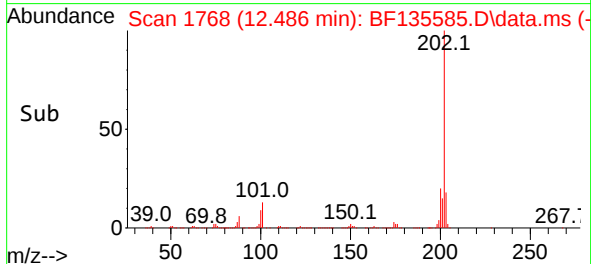
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



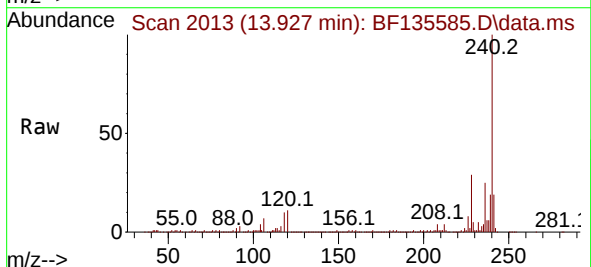
Tgt Ion:202 Resp: 118932
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
APPROVED

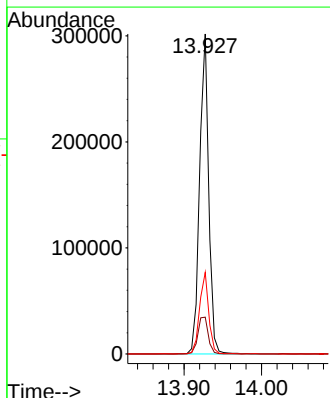
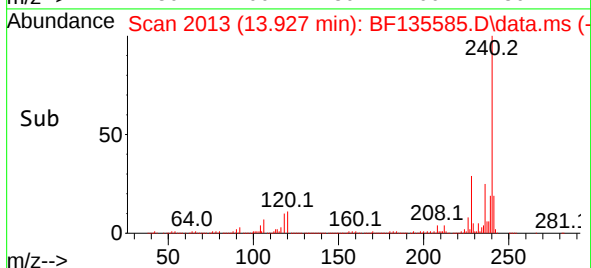
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

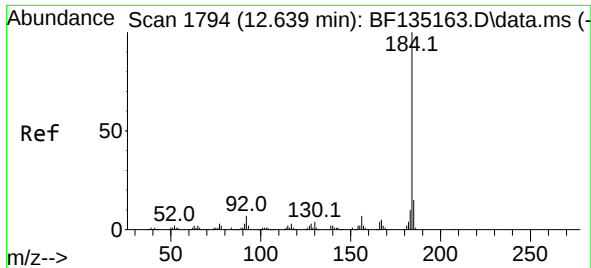


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:240 Resp: 245330
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.5 19.8 29.8





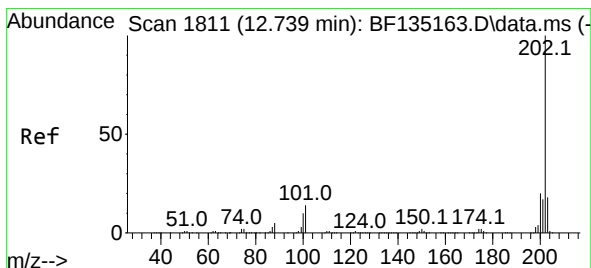
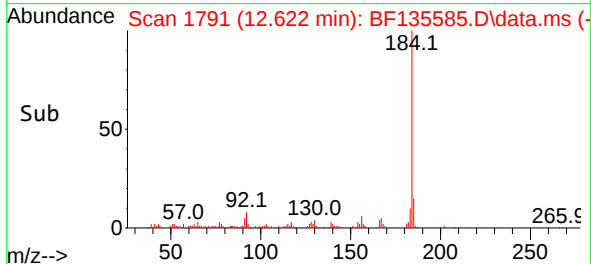
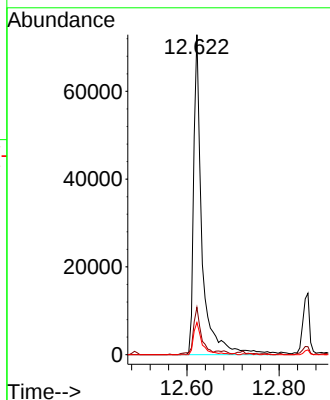
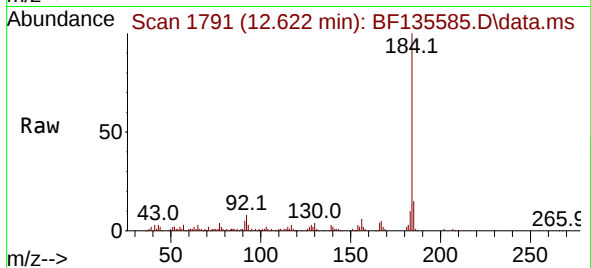
#77
Benzidine
Concen: 18.349 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

Instrument :
BNA_F
ClientSampleId :
E9066-OB-003

Tgt Ion:184 Resp: 9222
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.1 8.2 12.4

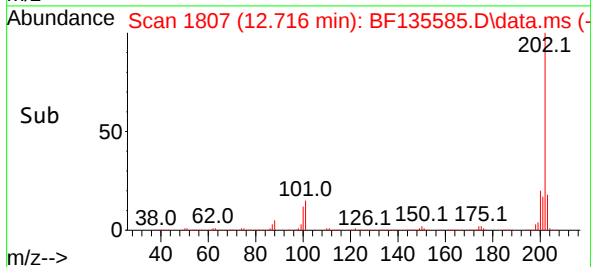
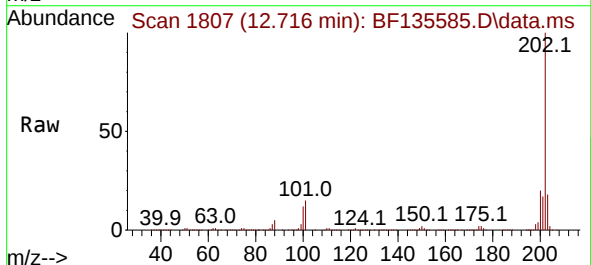
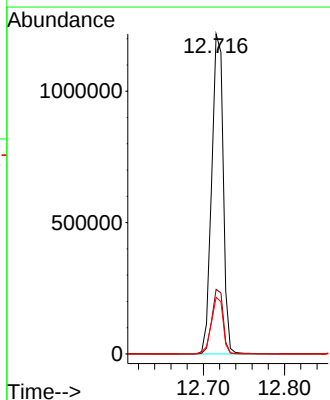
Manual Integrations
APPROVED

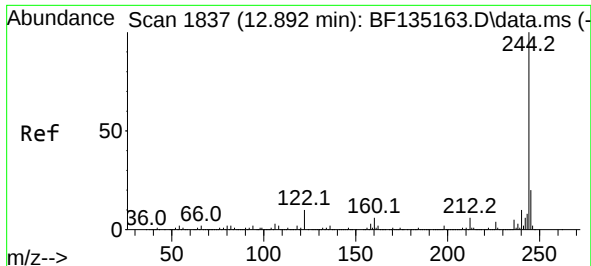
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#78
Pyrene
Concen: 51.255 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

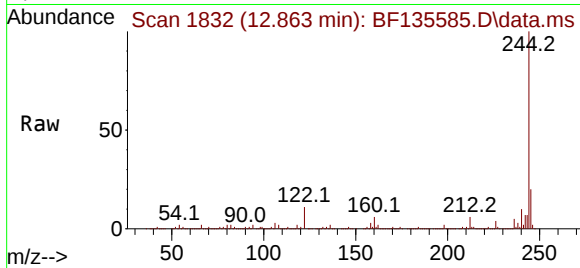
Tgt Ion:202 Resp: 1197187
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 63.277 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23

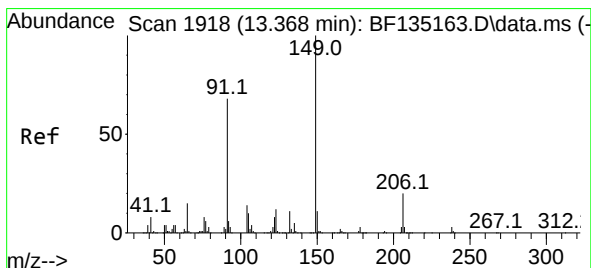
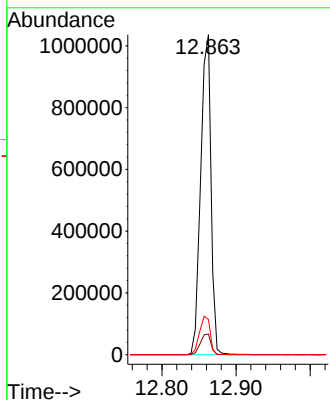
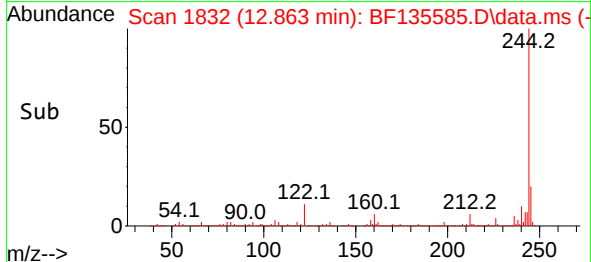
Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-003



Tgt Ion:244 Resp: 1001408
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.0 7.9 11.9

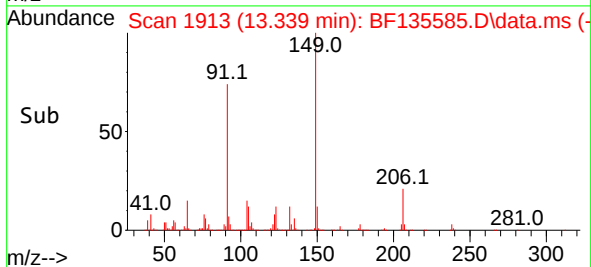
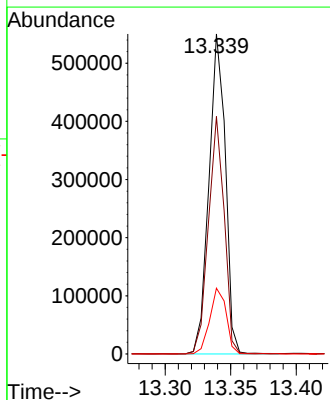
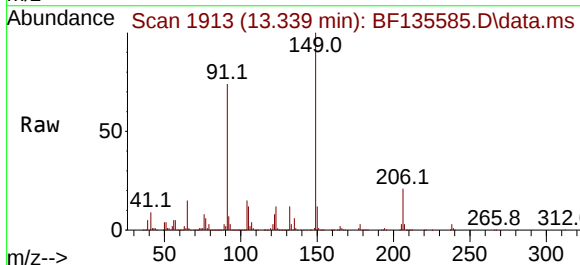
Manual Integrations
 APPROVED

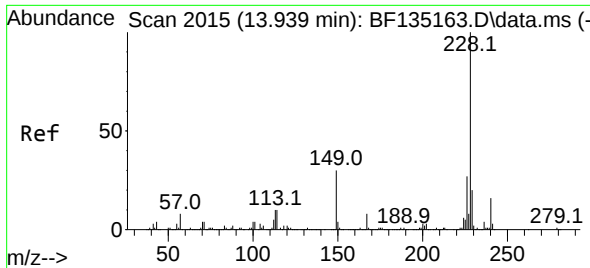
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#80
 Butylbenzylphthalate
 Concen: 58.352 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. 0.000 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23

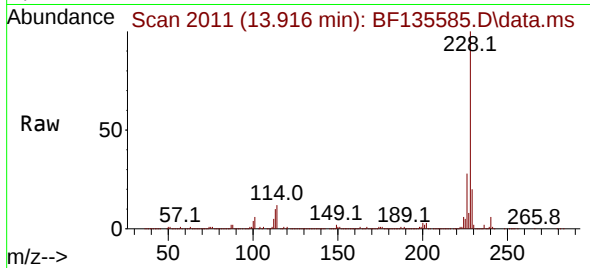
Tgt Ion:149 Resp: 479872
 Ion Ratio Lower Upper
 149 100
 91 74.2 54.7 82.1
 206 20.6 16.3 24.5





#81
Benzo(a)anthracene
Concen: 48.911 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

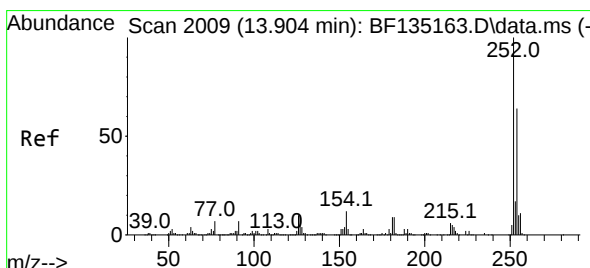
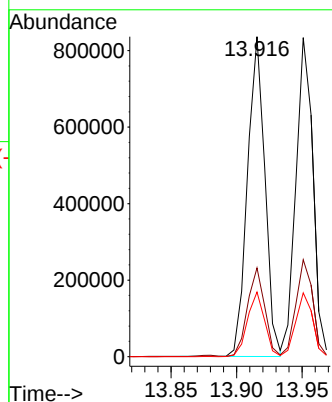
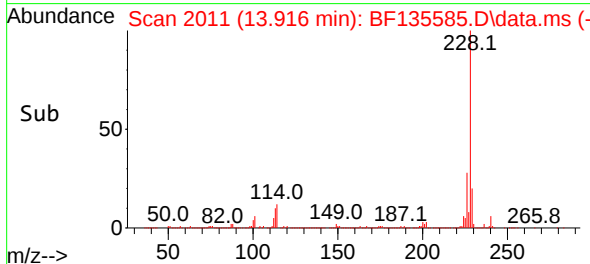
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



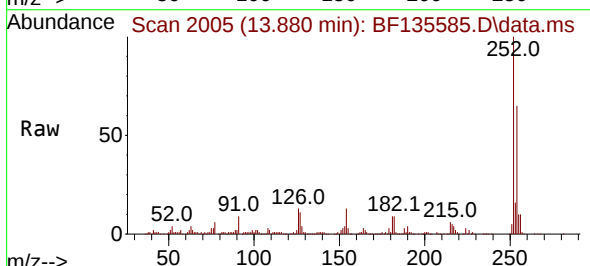
Tgt Ion:228 Resp: 774828
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.2 15.8 23.8

Manual Integrations
APPROVED

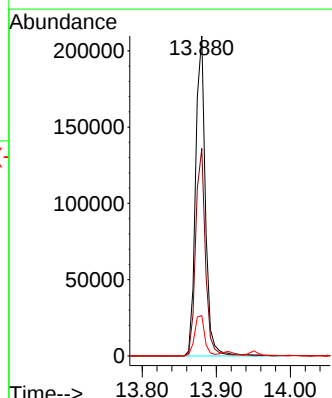
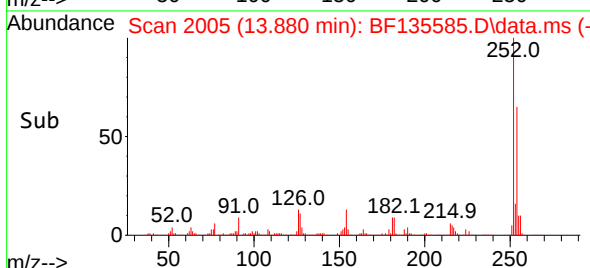
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

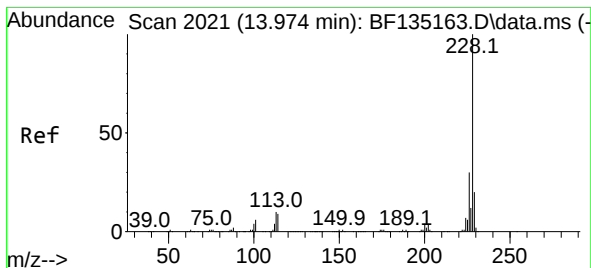


#82
3,3'-Dichlorobenzidine
Concen: 38.963 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:252 Resp: 192795
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 12.6 7.8 11.8





#83

Chrysene

Concen: 48.202 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

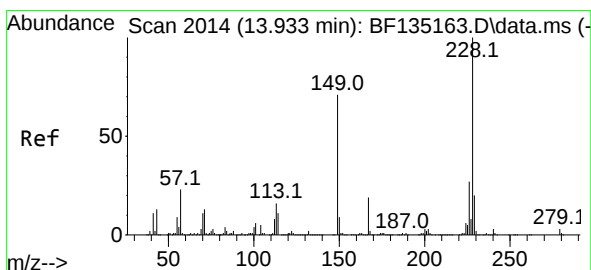
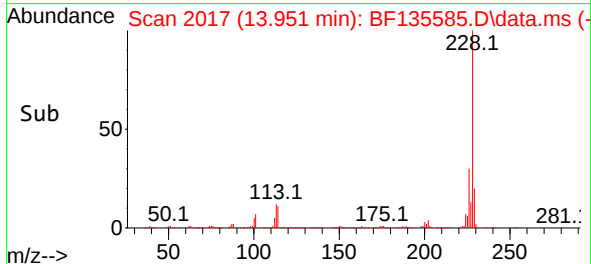
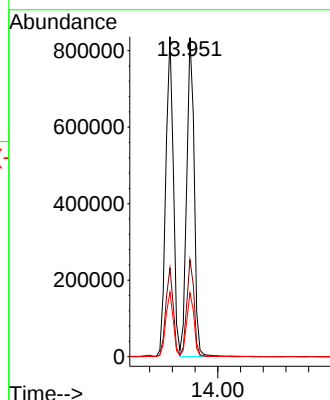
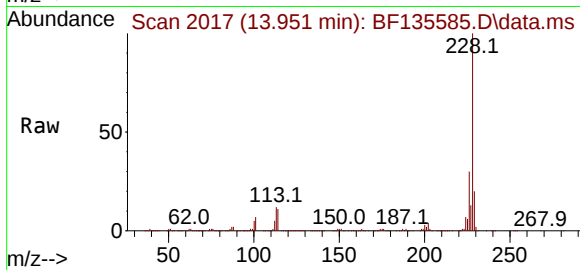
Tgt Ion:	228	Resp:	759190
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	20.0	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.840 ng

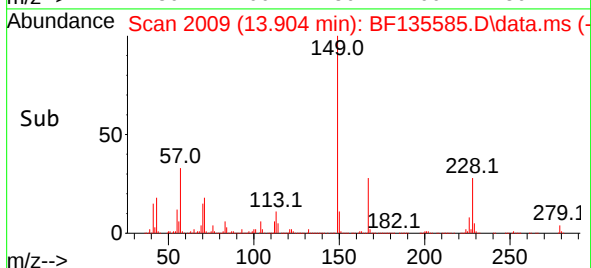
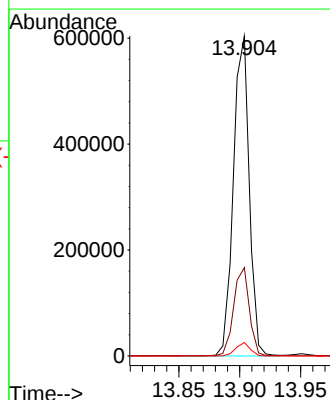
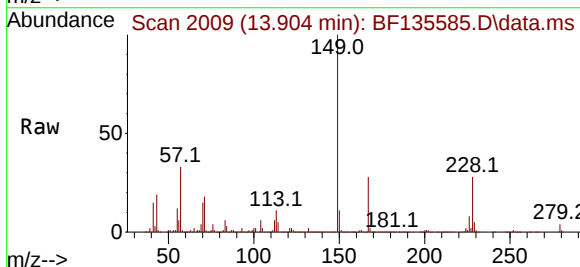
RT: 13.904 min Scan# 2009

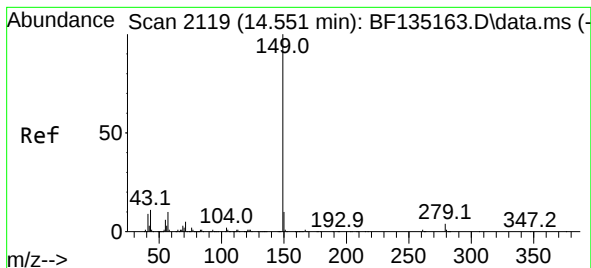
Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Tgt Ion:	149	Resp:	547182
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.9	32.9
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 63.766 ng

RT: 14.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

Instrument :

BNA_F

ClientSampleId :

E9066-OB-003

Tgt Ion:149 Resp: 855169

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

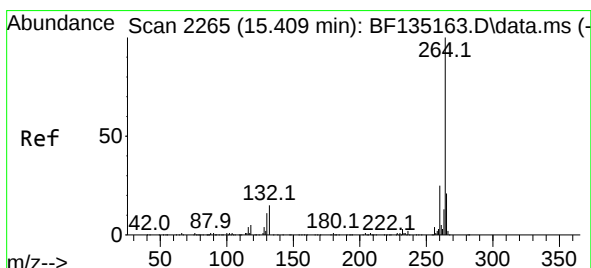
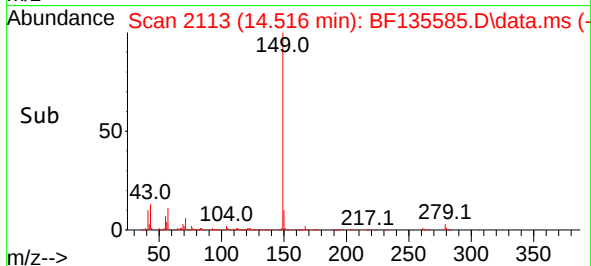
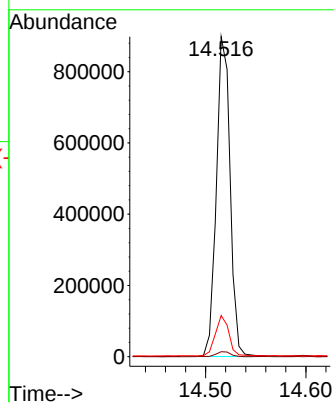
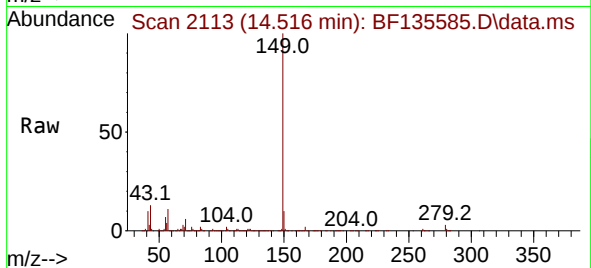
43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135585.D

Acq: 04 Oct 2023 23:23

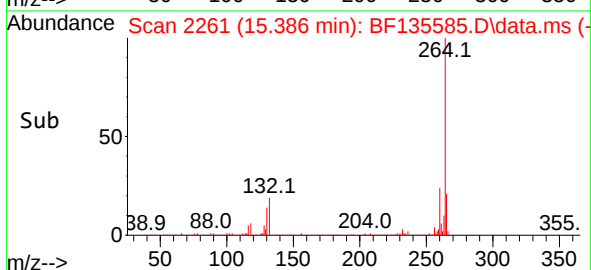
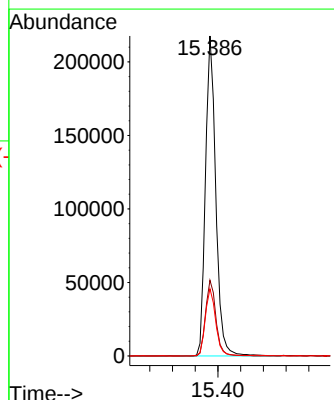
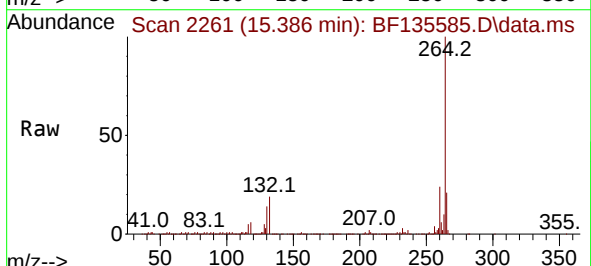
Tgt Ion:264 Resp: 274028

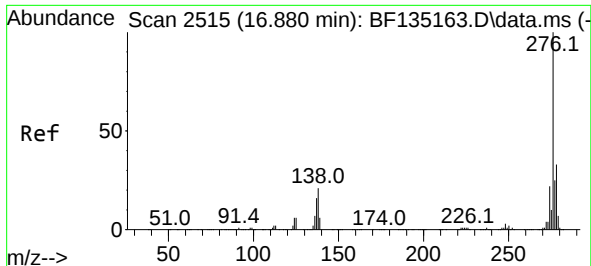
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

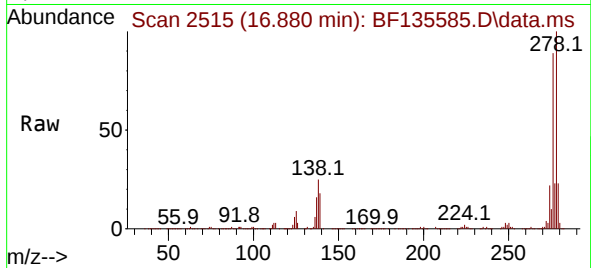
265 21.0 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.556 ng
 RT: 16.880 min Scan# 2118
 Delta R.T. 0.012 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23

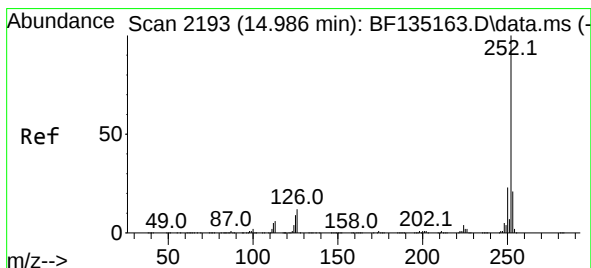
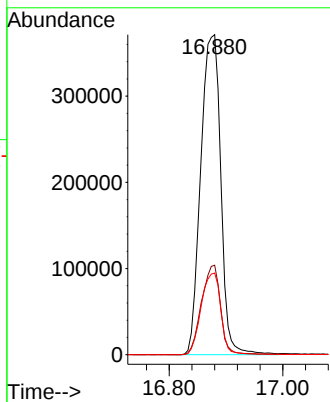
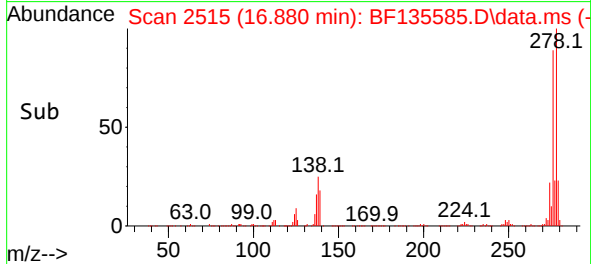
Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-003



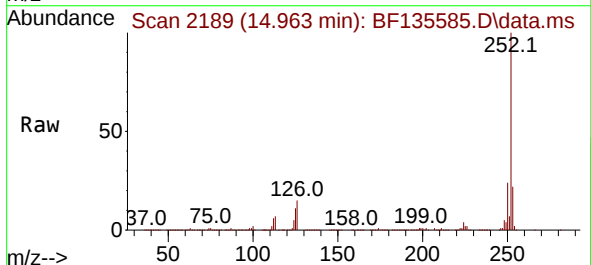
Tgt Ion:276 Resp: 908352
 Ion Ratio Lower Upper
 276 100
 138 26.7 19.2 28.8
 277 25.1 19.7 29.5

Manual Integrations
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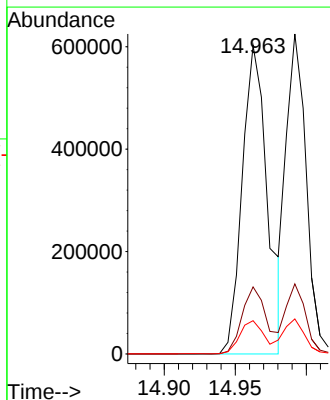
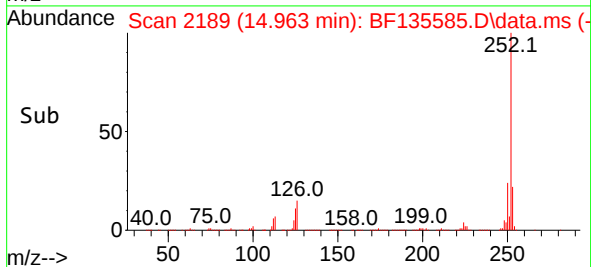
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

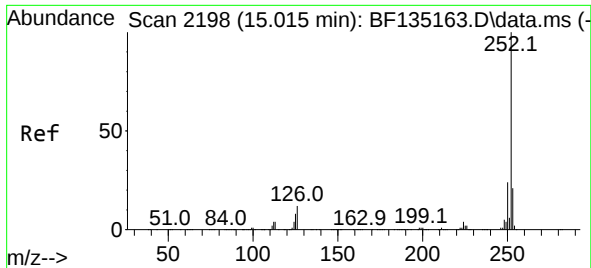


#88
 Benzo(b)fluoranthene
 Concen: 50.150 ng
 RT: 14.963 min Scan# 2189
 Delta R.T. 0.000 min
 Lab File: BF135585.D
 Acq: 04 Oct 2023 23:23



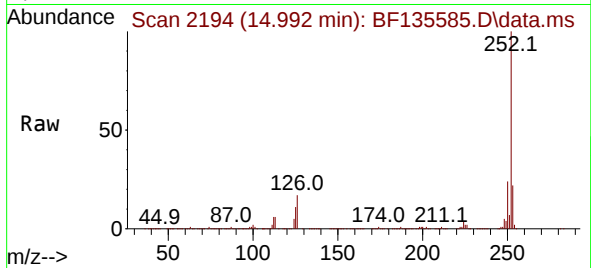
Tgt Ion:252 Resp: 743936
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.8 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 42.424 ng
RT: 14.992 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

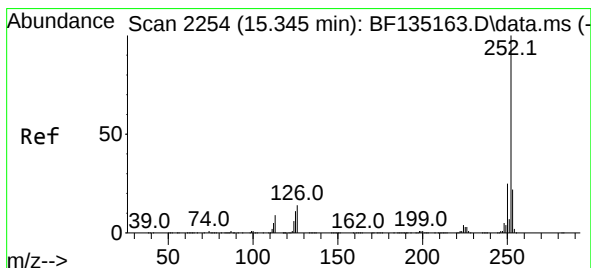
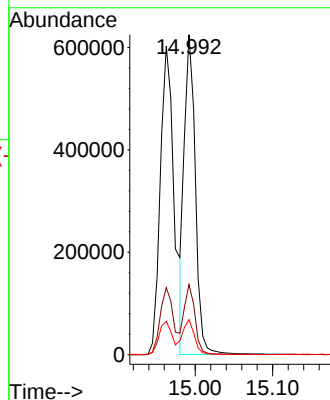
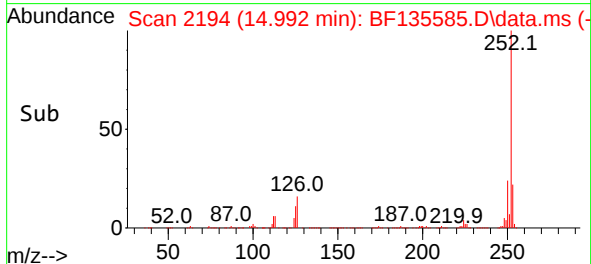
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



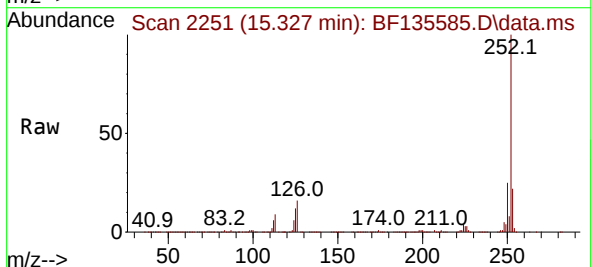
Tgt Ion:252 Resp: 62166
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 7.2 10.8

Manual Integrations
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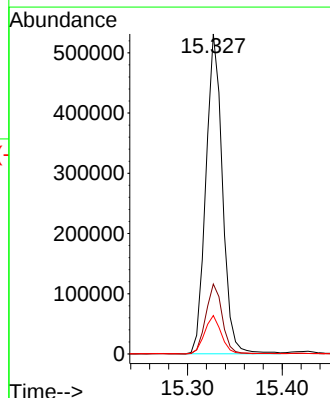
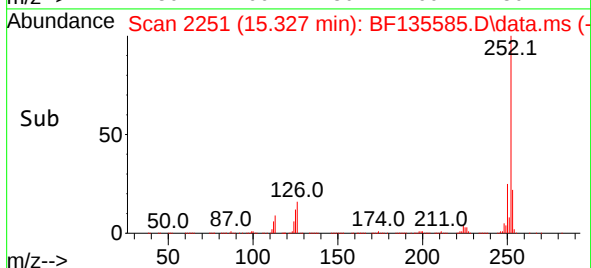
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

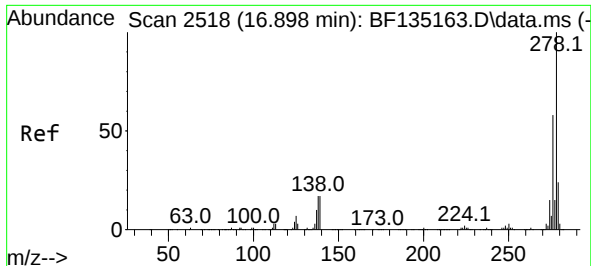


#90
Benzo(a)pyrene
Concen: 45.543 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



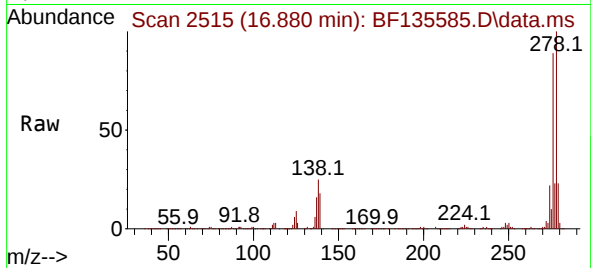
Tgt Ion:252 Resp: 644261
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 12.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.331 ng
RT: 16.880 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23

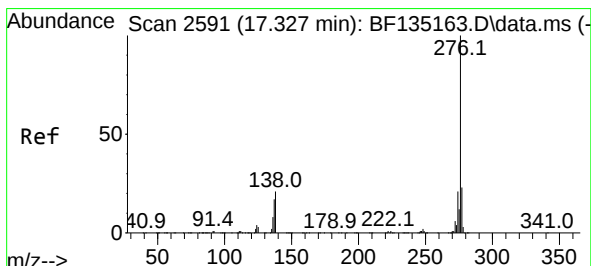
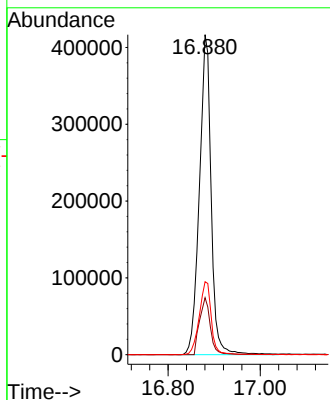
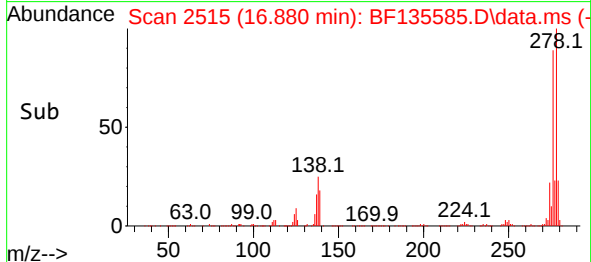
Instrument :
BNA_F
ClientSampleId :
E9066-OB-003



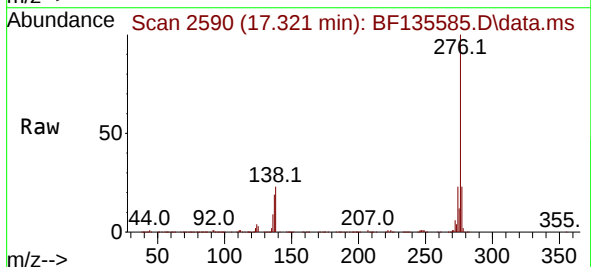
Tgt Ion:278 Resp: 73991
Ion Ratio Lower Upper
278 100
139 17.8 13.4 20.0
279 22.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#92
Benzo(g,h,i)perylene
Concen: 51.356 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF135585.D
Acq: 04 Oct 2023 23:23



Tgt Ion:276 Resp: 788487
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 22.8 16.9 25.3

