

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135627.D
 Acq On : 06 Oct 2023 14:07
 Operator : CG\JU
 Sample : 04714-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 06 14:42:43 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	6.739	152	143150	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	544559	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	274121	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	525799	20.000	ng	0.00
76) Chrysene-d12	13.933	240	278148	20.000	ng	0.00
86) Perylene-d12	15.398	264	282005	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1106542	125.723	ng	0.03
7) Phenol-d6	6.398	99	1301057	116.254	ng	0.01
23) Nitrobenzene-d5	7.310	82	926850	92.470	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	339633	124.677	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1509684	83.091	ng	0.00
79) Terphenyl-d14	12.868	244	1544931	86.103	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	183323	47.513	ng	# 80
3) Pyridine	3.369	79	376034	36.212	ng	99
4) n-Nitrosodimethylamine	3.298	42	277078	50.282	ng	96
6) Aniline	6.416	93	319759	21.788	ng	# 1
8) 2-Chlorophenol	6.534	128	465135	49.506	ng	99
9) Benzaldehyde	6.298	77	183763	28.823	ng	97
10) Phenol	6.410	94	519049	42.296	ng	95
11) bis(2-Chloroethyl)ether	6.487	93	507016	55.079	ng	98
12) 1,3-Dichlorobenzene	6.681	146	439959	46.076	ng	99
13) 1,4-Dichlorobenzene	6.757	146	448497	46.167	ng	99
14) 1,2-Dichlorobenzene	6.910	146	414873	45.986	ng	98
15) Benzyl Alcohol	6.898	79	397698	49.521	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.016	45	803873	46.330	ng	# 46
17) 2-Methylphenol	7.010	107	359914	43.409	ng	# 90
18) Hexachloroethane	7.245	117	169270	47.157	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	314624	45.387	ng	96
20) 3+4-Methylphenols	7.169	107	461071	46.246	ng	# 67
22) Acetophenone	7.157	105	627795	50.425	ng	91
24) Nitrobenzene	7.328	77	489494	49.409	ng	99
25) Isophorone	7.569	82	925300	50.273	ng	99
26) 2-Nitrophenol	7.645	139	252984	53.206	ng	92
27) 2,4-Dimethylphenol	7.686	122	368209	46.071	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	554897	50.371	ng	100
29) 2,4-Dichlorophenol	7.892	162	380218	51.341	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	373027	48.190	ng	99
31) Naphthalene	8.039	128	1245646	47.079	ng	99
32) Benzoic acid	7.851	122	298074	49.528	ng	97
33) 4-Chloroaniline	8.116	127	123188	10.612	ng	98
34) Hexachlorobutadiene	8.151	225	207327	44.419	ng	99
35) Caprolactam	8.486	113	120819m	48.610	ng	
36) 4-Chloro-3-methylphenol	8.604	107	406785	49.421	ng	97
37) 2-Methylnaphthalene	8.733	142	795806	44.745	ng	97
38) 1-Methylnaphthalene	8.833	142	762770	45.808	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	381416	48.028	ng	99
41) Hexachlorocyclopentadiene	8.880	237	186195	55.683	ng	97
43) 2,4,6-Trichlorophenol	9.022	196	253588	48.770	ng	97

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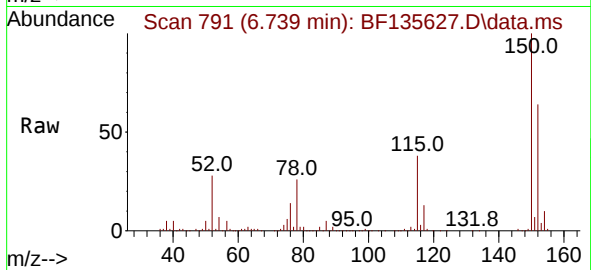
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	278962	46.587	ng	97
46) 1,1'-Biphenyl	9.198	154	1014644	48.165	ng	98
47) 2-Chloronaphthalene	9.228	162	756414	49.489	ng	98
48) 2-Nitroaniline	9.333	65	304580	51.294	ng	95
49) Acenaphthylene	9.639	152	1215423	47.848	ng	99
50) Dimethylphthalate	9.510	163	919316	49.603	ng	100
51) 2,6-Dinitrotoluene	9.580	165	198983	49.010	ng	92
52) Acenaphthene	9.816	154	718560	47.885	ng	97
53) 3-Nitroaniline	9.751	138	126298	26.501	ng	94
54) 2,4-Dinitrophenol	9.875	184	187852	81.385	ng	89
55) Dibenzofuran	9.986	168	1040769	45.451	ng	97
56) 4-Nitrophenol	9.939	139	230692	76.163	ng	97
57) 2,4-Dinitrotoluene	9.992	165	234616	46.159	ng	90
58) Fluorene	10.333	166	830365	47.170	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	224797	48.803	ng	99
60) Diethylphthalate	10.210	149	910923	48.975	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	386742	45.735	ng	97
62) 4-Nitroaniline	10.374	138	212048	46.287	ng	98
63) Azobenzene	10.486	77	901371	49.516	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	129237	46.277	ng	97
66) n-Nitrosodiphenylamine	10.451	169	786488	49.408	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	248162	47.455	ng	99
68) Hexachlorobenzene	10.880	284	270061	50.691	ng	# 91
69) Atrazine	10.986	200	241781	56.449	ng	100
70) Pentachlorophenol	11.086	266	249913	78.404	ng	98
71) Phenanthrene	11.298	178	1217178	48.945	ng	99
72) Anthracene	11.351	178	1250281	48.912	ng	99
73) Carbazole	11.516	167	1180989	50.753	ng	99
74) Di-n-butylphthalate	11.839	149	1415633	51.629	ng	99
75) Fluoranthene	12.498	202	1302927	50.282	ng	99
77) Benzidine	12.621	184	188802	33.133	ng	98
78) Pyrene	12.727	202	1313631	49.605	ng	100
80) Butylbenzylphthalate	13.345	149	526688	56.489	ng	95
81) Benzo(a)anthracene	13.921	228	919754	51.209	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	191405	34.118	ng	98
83) Chrysene	13.963	228	881908	49.387	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	664187	69.419	ng	99
85) Di-n-octyl phthalate	14.521	149	987930	64.973	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	889774	48.122	ng	97
88) Benzo(b)fluoranthene	14.974	252	781314	51.180	ng	# 98
89) Benzo(k)fluoranthene	15.004	252	740886	49.130	ng	98
90) Benzo(a)pyrene	15.339	252	693215	47.617	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	721332	47.679	ng	99
92) Benzo(g,h,i)perylene	17.339	276	751770	47.580	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

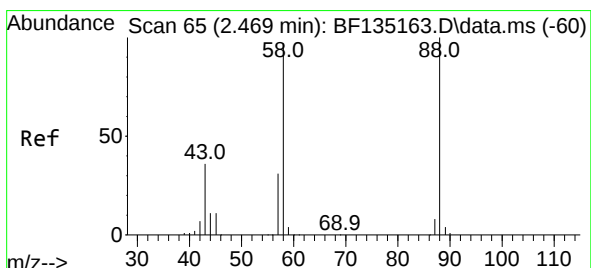
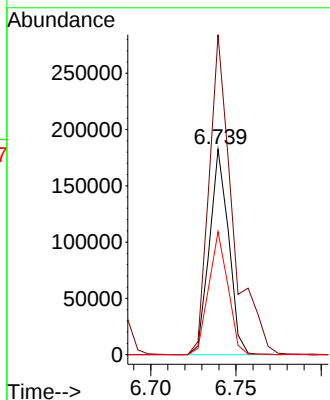
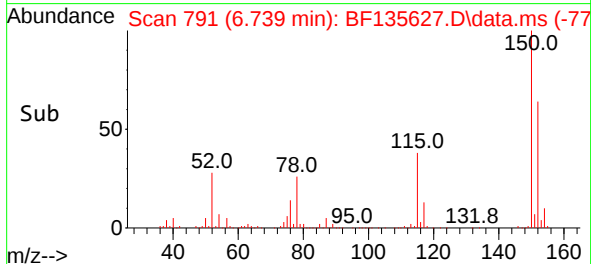
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:152 Resp: 143150
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.6
115 59.9 49.8 74.8

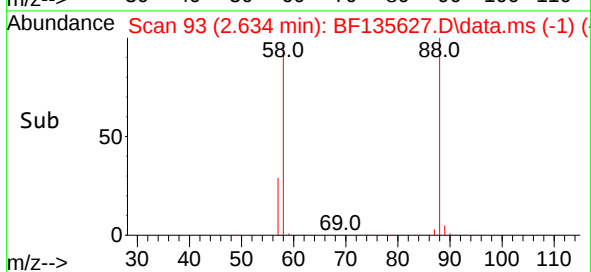
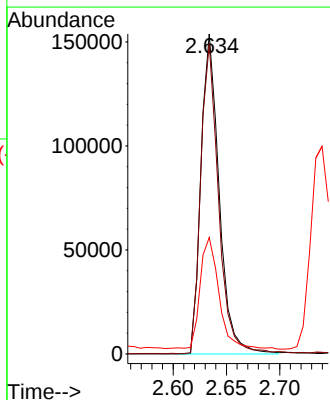
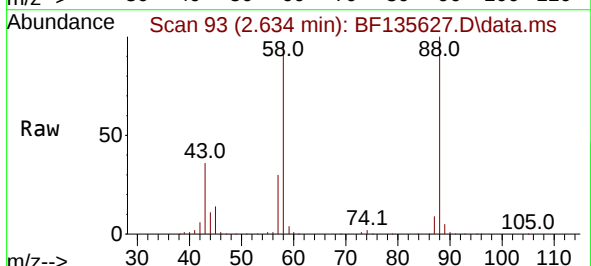
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#2
1,4-Dioxane
Concen: 47.513 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.212 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

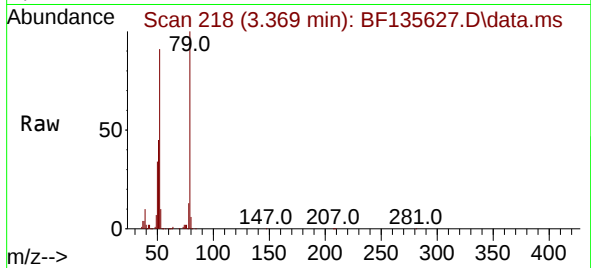
Tgt Ion: 88 Resp: 183323
Ion Ratio Lower Upper
88 100
58 94.2 78.3 117.5
43 0.0 29.4 44.0#





#3
Pyridine
Concen: 36.212 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.206 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

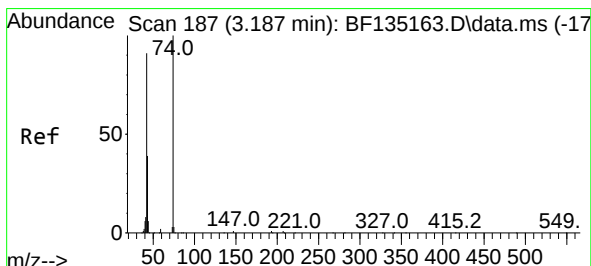
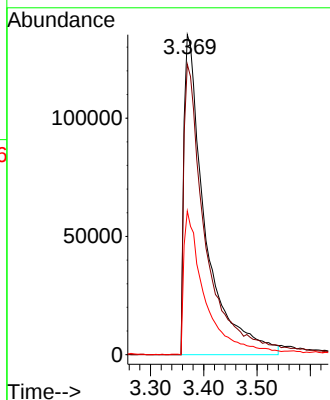
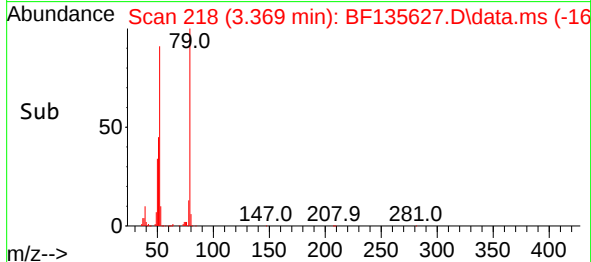
Instrument :
BNA_F
ClientSampleId :
TP-1MS



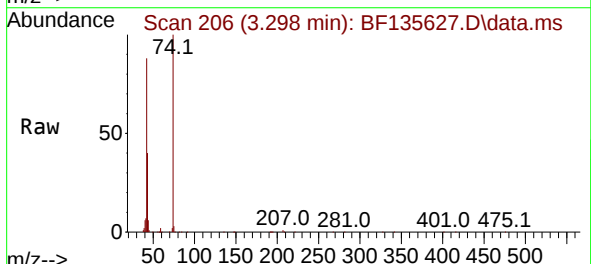
Tgt Ion: 79 Resp: 376034
Ion Ratio Lower Upper
79 100
52 90.7 74.1 111.1
51 44.9 35.8 53.8

Manual Integrations
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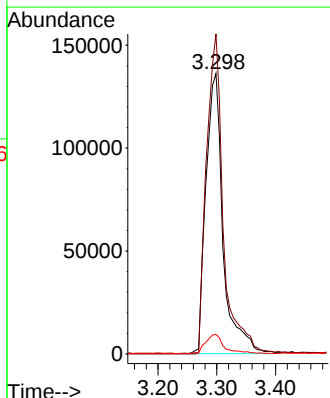
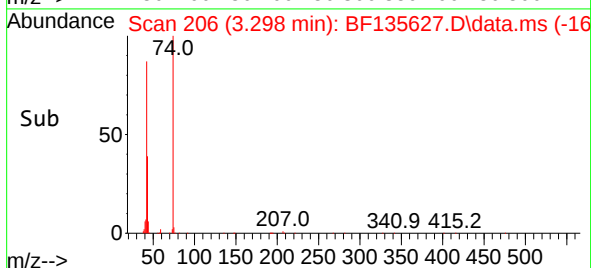
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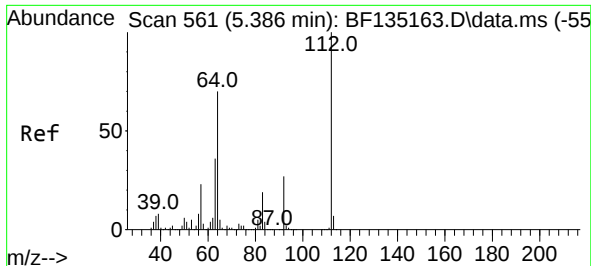


#4
n-Nitrosodimethylamine
Concen: 50.282 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.165 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



Tgt Ion: 42 Resp: 277078
Ion Ratio Lower Upper
42 100
74 114.1 87.7 131.5
44 7.0 5.6 8.4





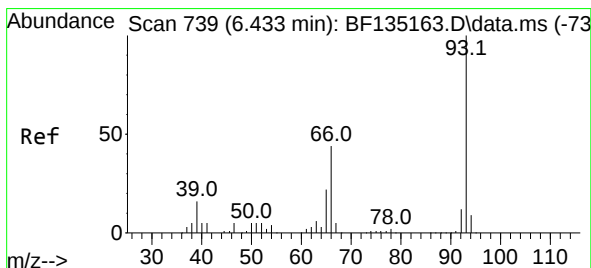
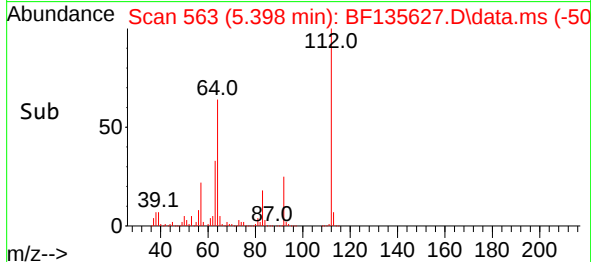
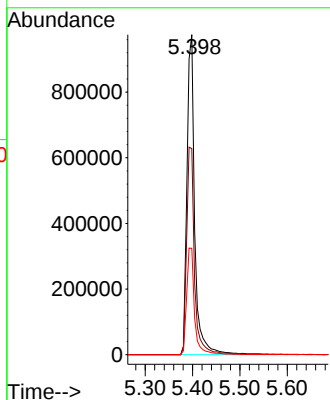
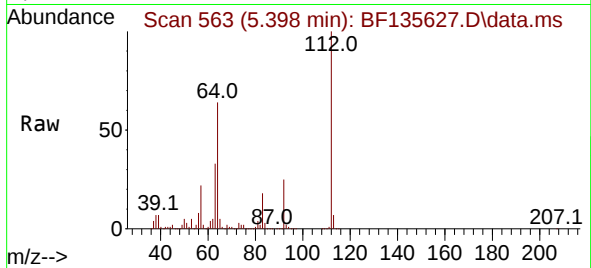
#5
2-Fluorophenol
Concen: 125.723 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:112 Resp: 110654
Ion Ratio Lower Upper
112 100
64 64.4 55.9 83.9
63 33.2 29.0 43.6

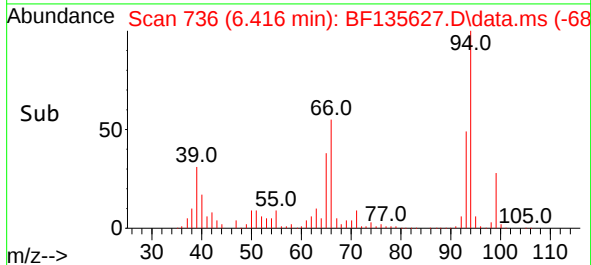
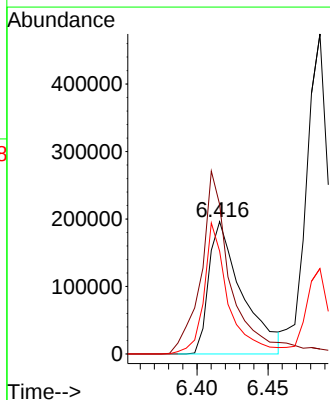
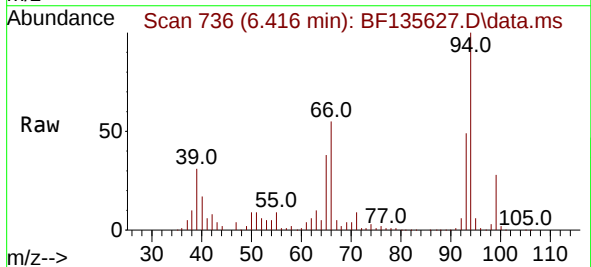
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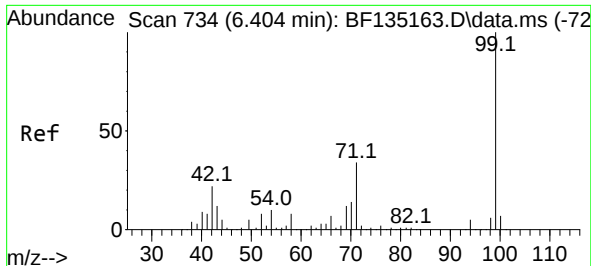
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#6
Aniline
Concen: 21.788 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion: 93 Resp: 319759
Ion Ratio Lower Upper
93 100
66 113.0 35.4 53.0#
65 77.6 17.8 26.8#





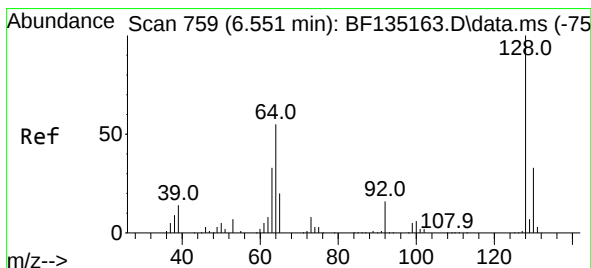
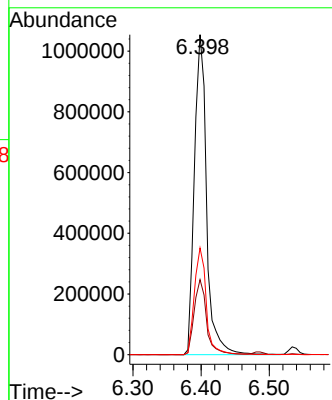
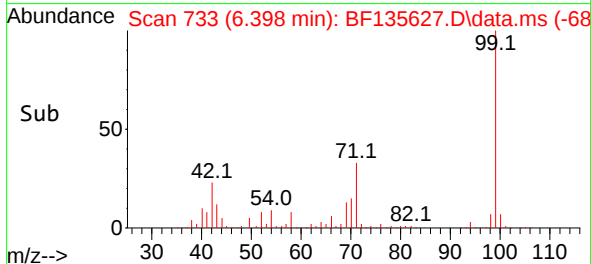
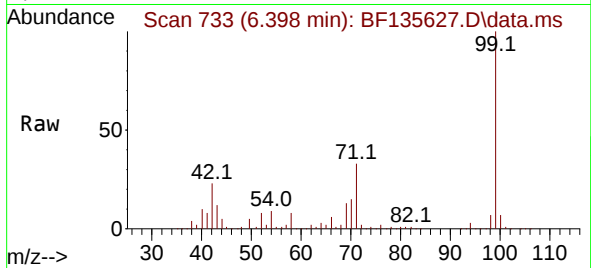
#7
Phenol-d6
Concen: 116.254 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 99 Resp: 130105
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 33.3 27.0 40.6

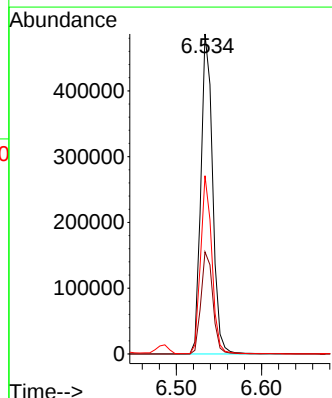
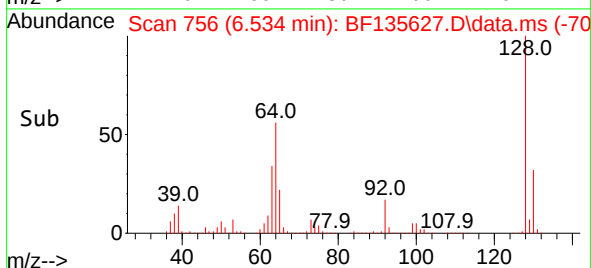
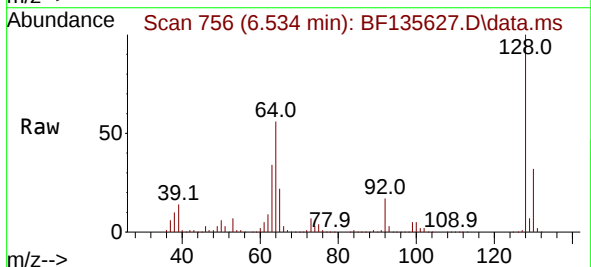
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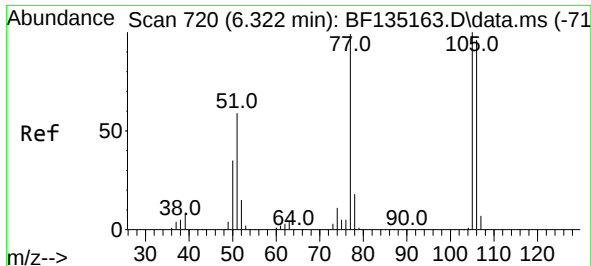
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#8
2-Chlorophenol
Concen: 49.506 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:128 Resp: 465135
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 55.7 35.9 75.9





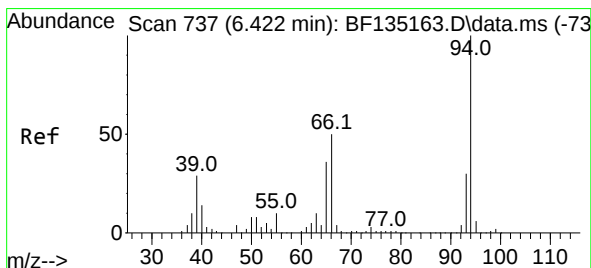
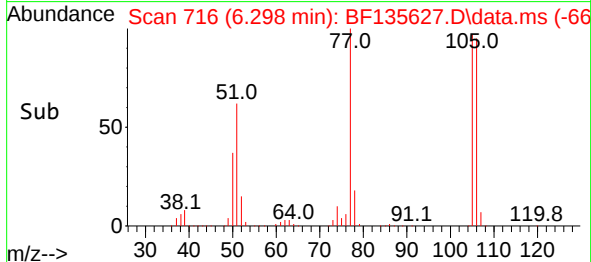
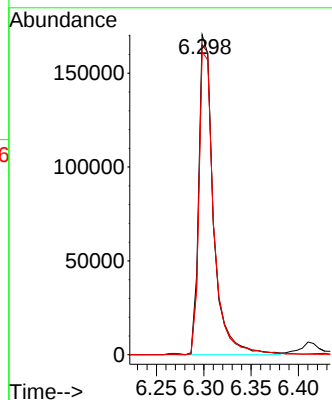
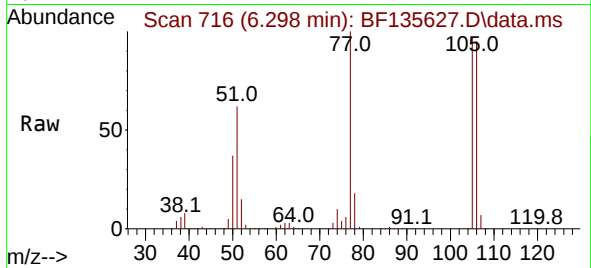
#9
Benzaldehyde
Concen: 28.823 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :
BNA_F
Client Sample Id :
TP-1MS

Tgt Ion: 77 Resp: 18376
Ion Ratio Lower Upper
77 100
105 96.8 81.4 121.4
106 94.7 76.9 116.9

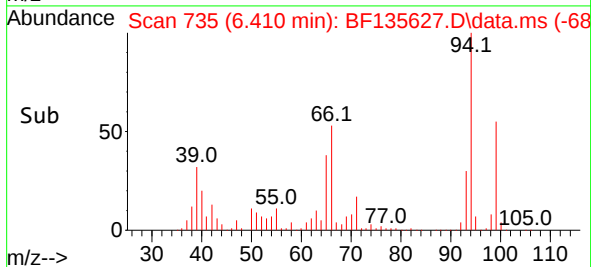
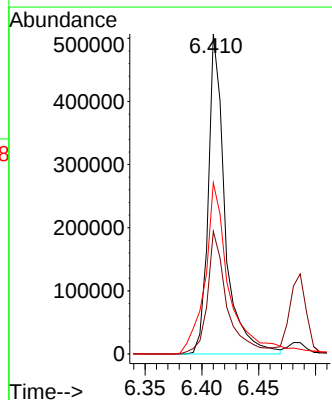
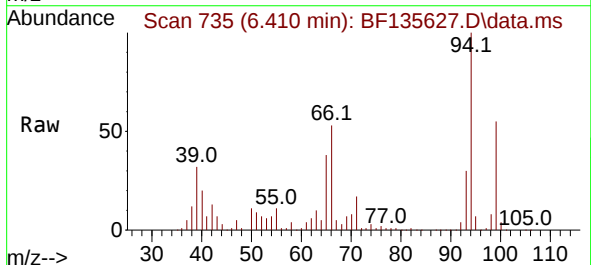
Manual Integrations
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Supervised By :mohammad ahmed 10/08/2023



#10
Phenol
Concen: 42.296 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion: 94 Resp: 519049
Ion Ratio Lower Upper
94 100
65 38.3 15.9 55.9
66 53.5 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 55.079 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 93 Resp: 507010

Ion Ratio Lower Upper

93 100

63 84.7 67.3 107.3

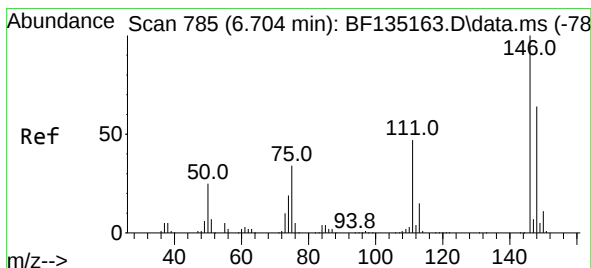
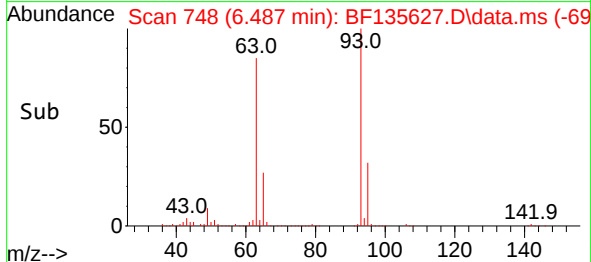
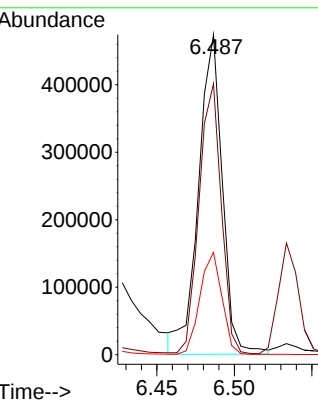
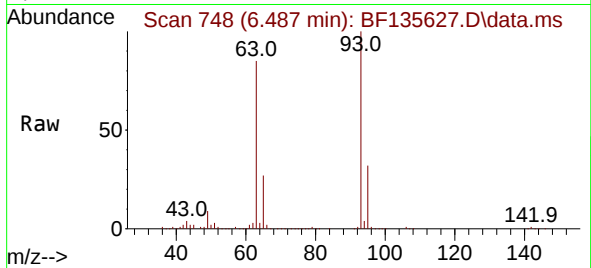
95 31.9 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#12

1,3-Dichlorobenzene

Concen: 46.076 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

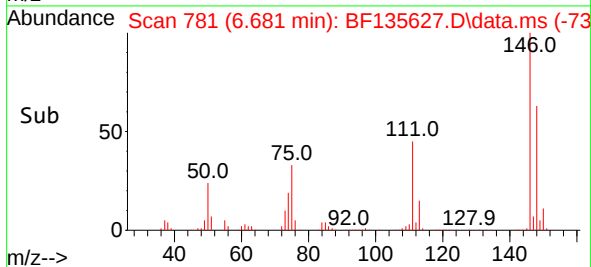
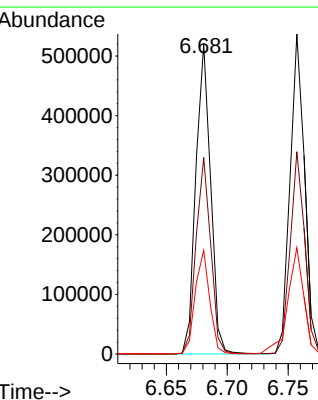
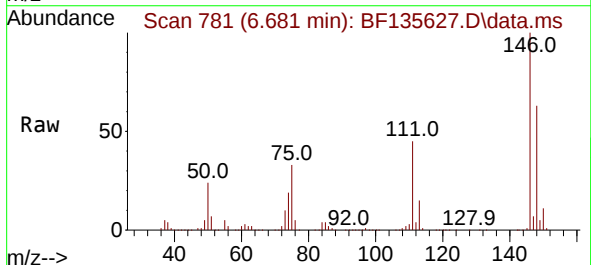
Tgt Ion:146 Resp: 439959

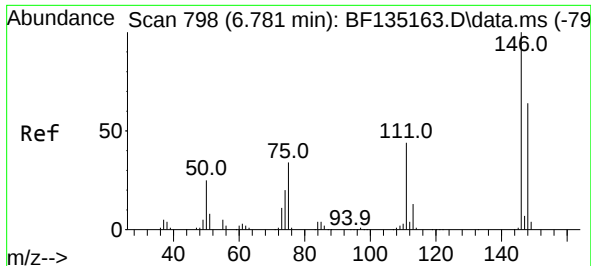
Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

75 33.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.167 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:146 Resp: 44849

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

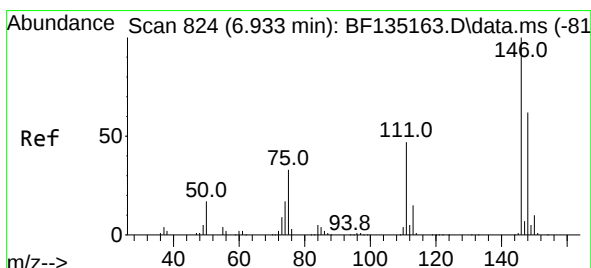
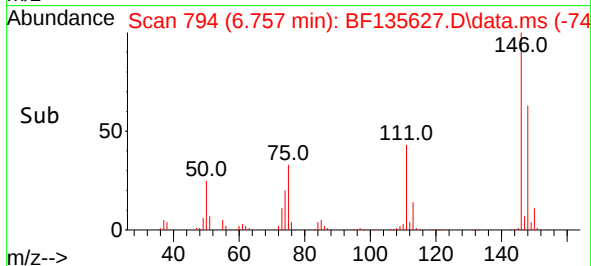
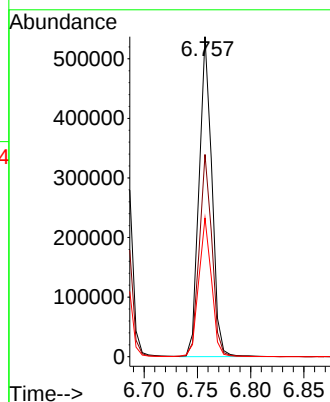
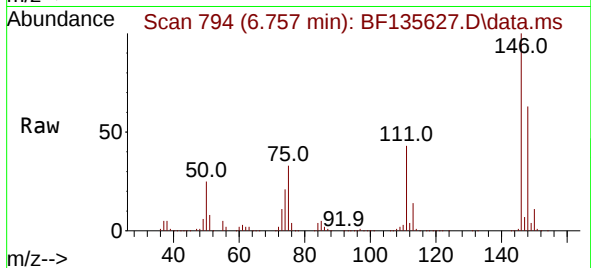
111 43.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#14

1,2-Dichlorobenzene

Concen: 45.986 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

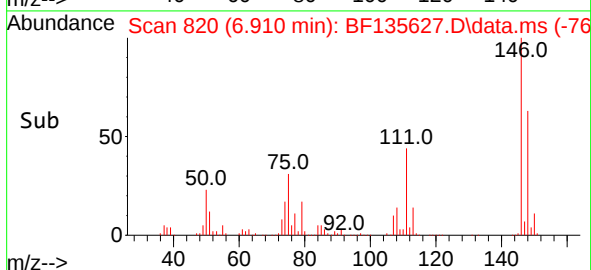
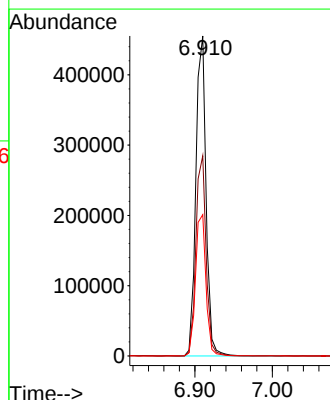
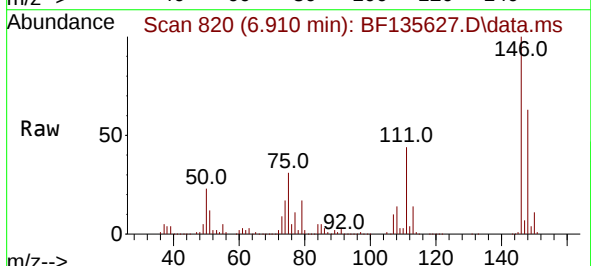
Tgt Ion:146 Resp: 414873

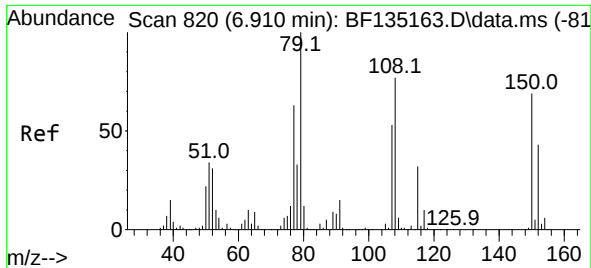
Ion Ratio Lower Upper

146 100

148 62.6 49.7 74.5

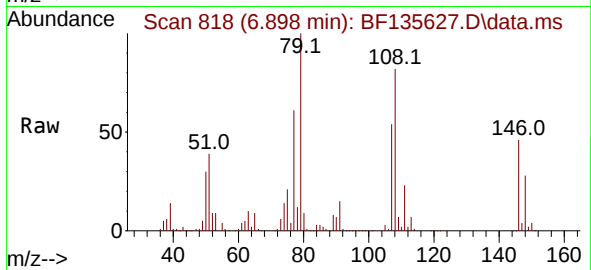
111 44.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.521 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

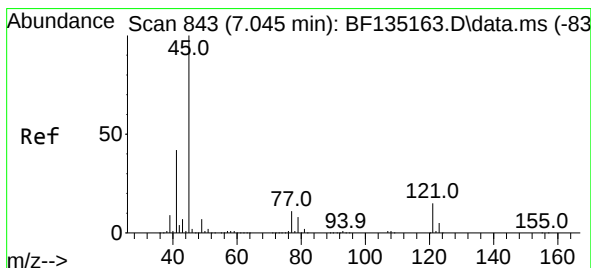
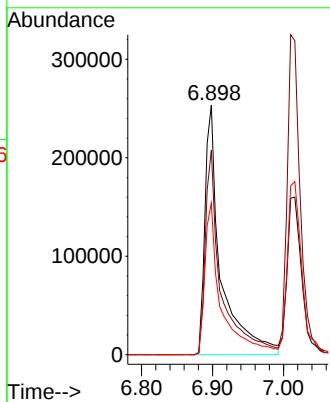
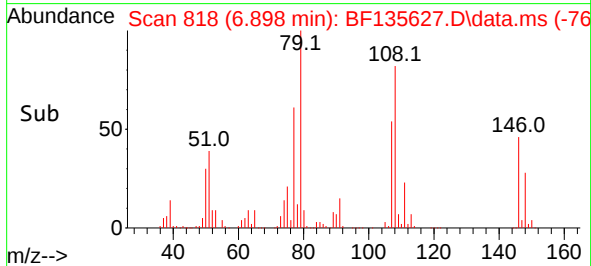
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 397698
Ion Ratio Lower Upper
79 100
108 81.9 61.2 91.8
77 60.7 50.5 75.7

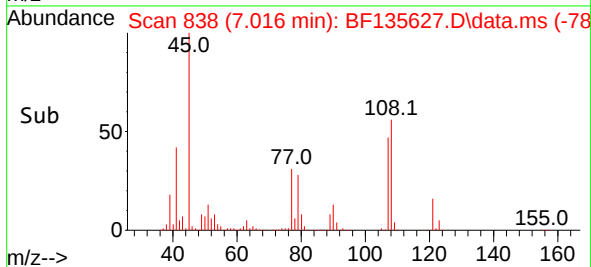
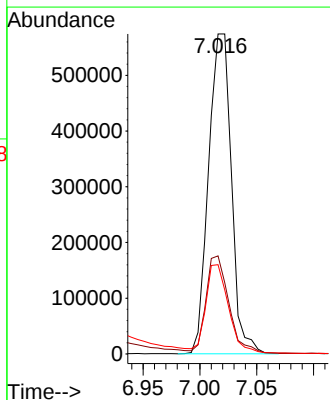
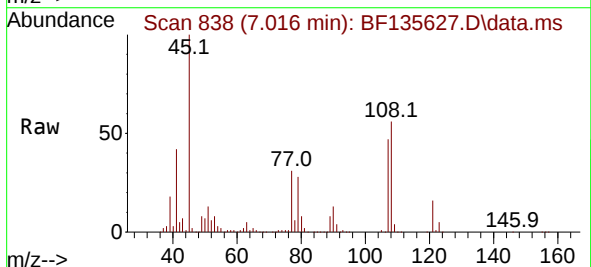
Manual Integrations
APPROVED

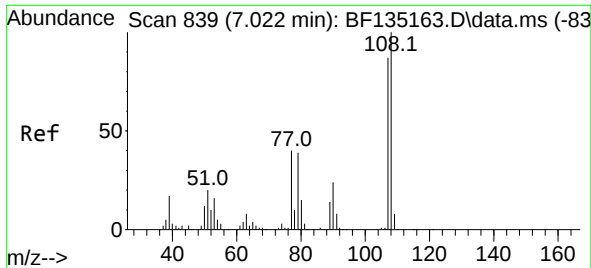
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.330 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

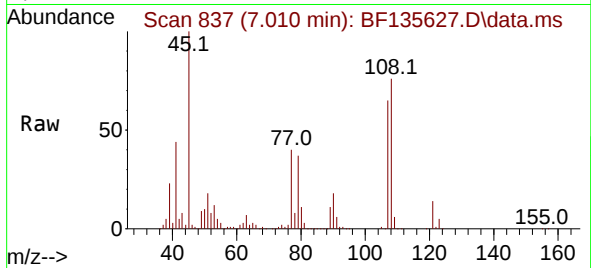
Tgt Ion: 45 Resp: 803873
Ion Ratio Lower Upper
45 100
77 30.6 0.0 30.6#
79 27.9 0.0 28.3





#17
2-Methylphenol
Concen: 43.409 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

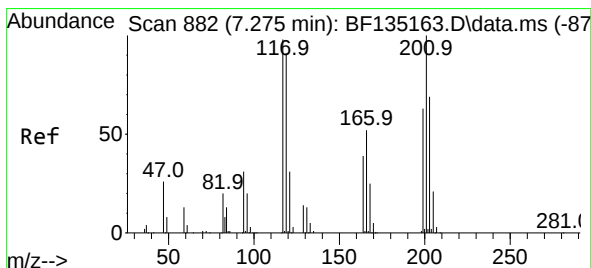
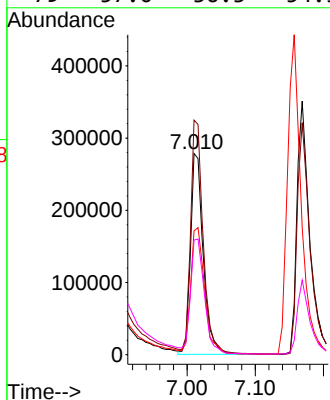
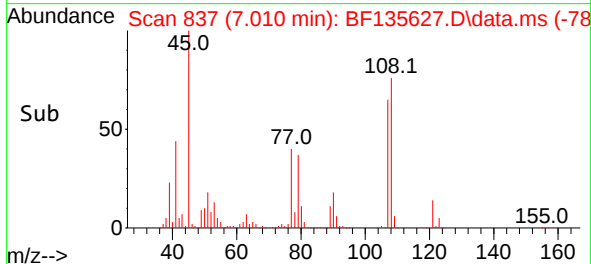
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:107 Resp: 359914
Ion Ratio Lower Upper
107 100
108 116.7 92.0 138.0
77 61.6 36.7 55.1
79 57.0 36.3 54.5#

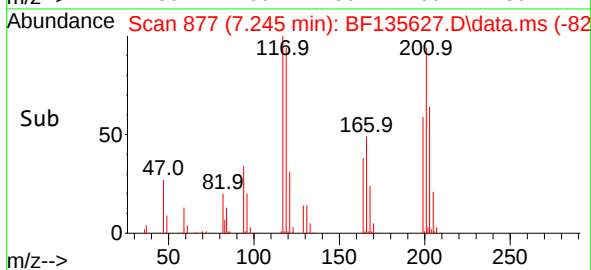
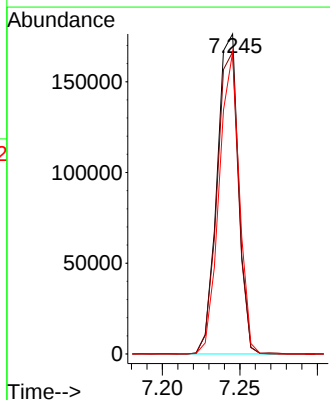
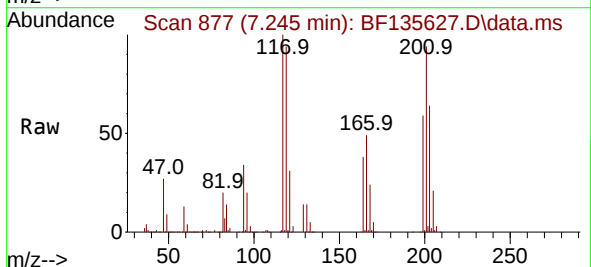
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#18
Hexachloroethane
Concen: 47.157 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

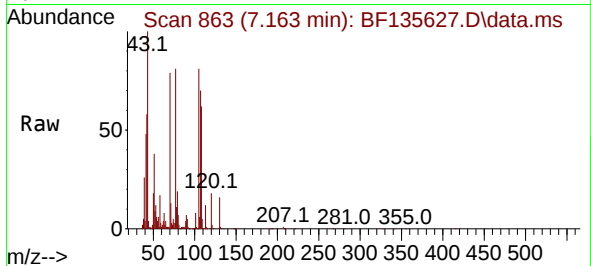
Tgt Ion:117 Resp: 169270
Ion Ratio Lower Upper
117 100
119 94.4 74.7 112.1
201 94.3 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.387 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

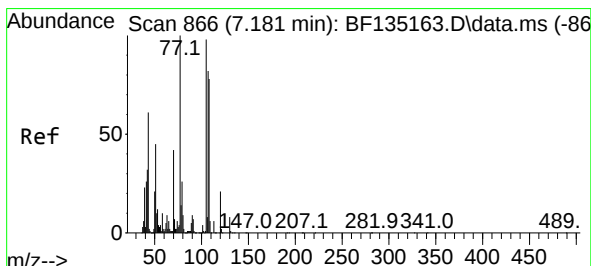
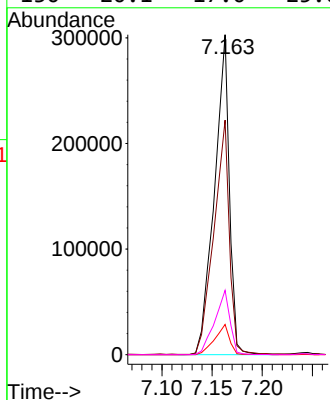
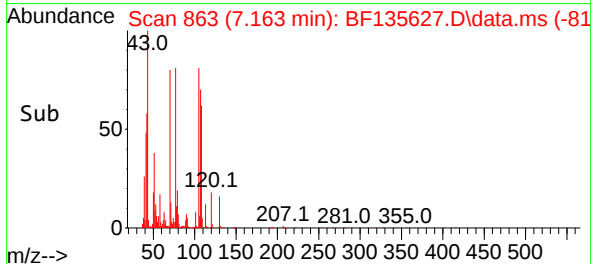
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 70 Resp: 314624
Ion Ratio Lower Upper
70 100
42 73.3 55.4 83.0
101 9.5 7.7 11.5
130 20.1 17.0 25.6

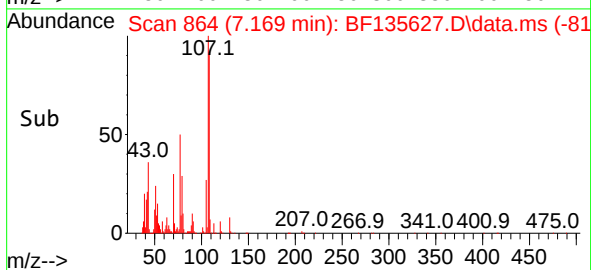
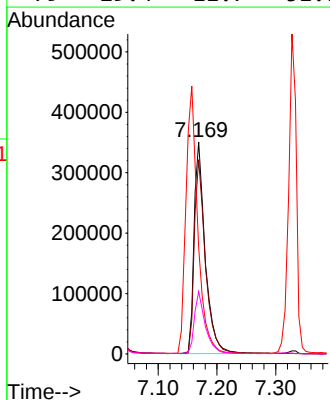
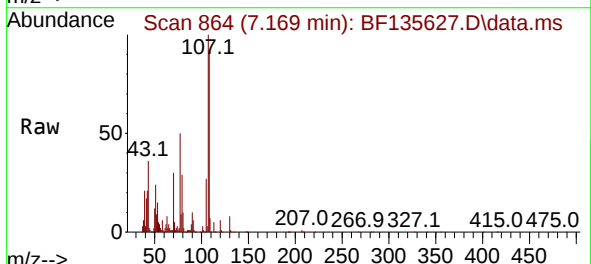
Manual Integrations
APPROVED

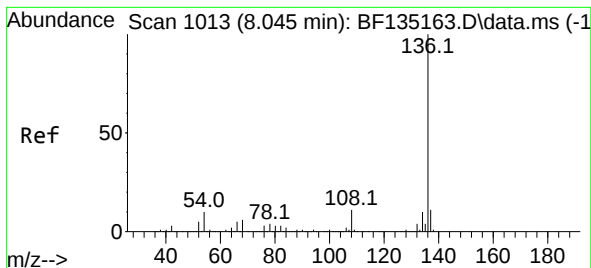
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#20
3+4-Methylphenols
Concen: 46.246 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:107 Resp: 461071
Ion Ratio Lower Upper
107 100
108 91.6 74.7 114.7
77 50.2 102.0 142.0#
79 29.4 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF135627.D

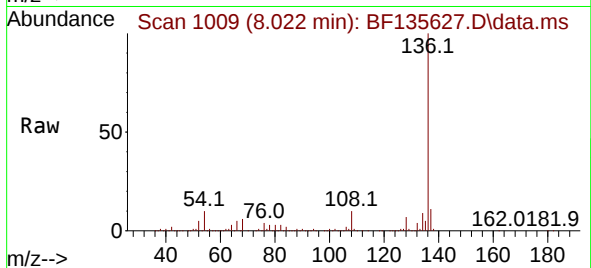
Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS



Tgt Ion:136 Resp: 544559

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.9 7.7 11.5

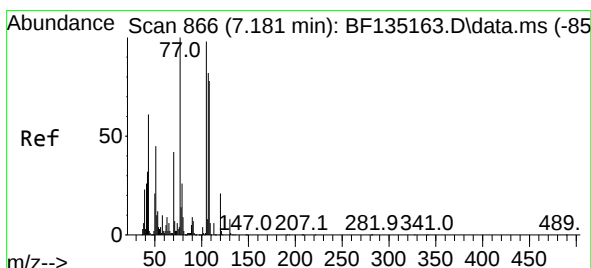
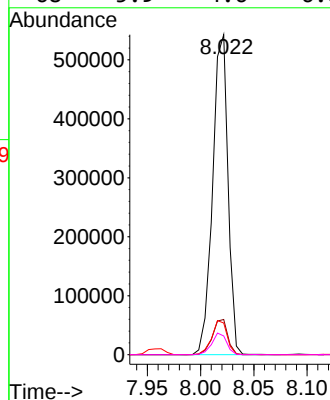
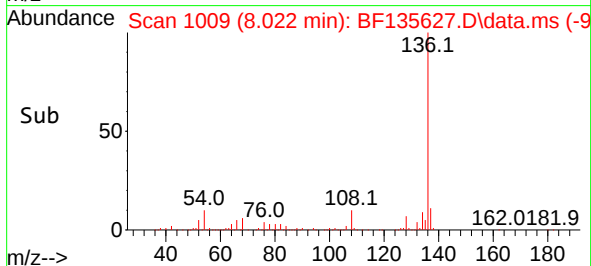
68 5.9 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#22

Acetophenone

Concen: 50.425 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.006 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Tgt Ion:105 Resp: 627795

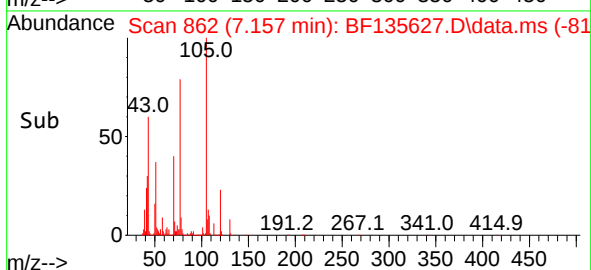
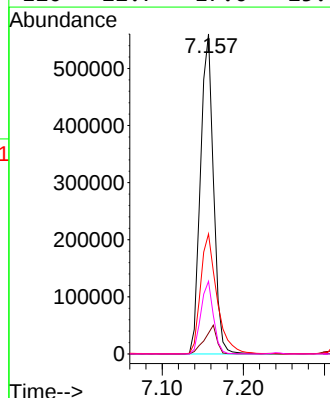
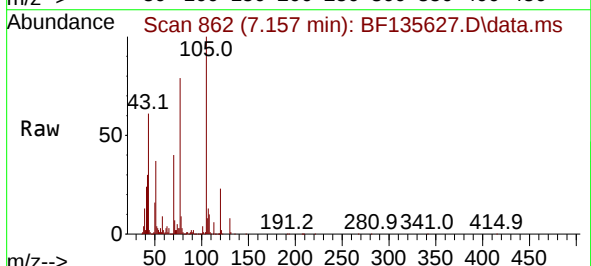
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 37.5 37.0 55.4

120 22.7 17.0 25.6





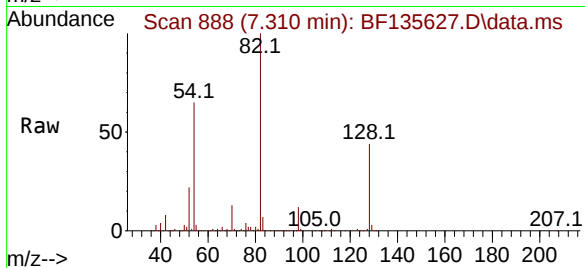
#23
Nitrobenzene-d5
Concen: 92.470 ng
RT: 7.310 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

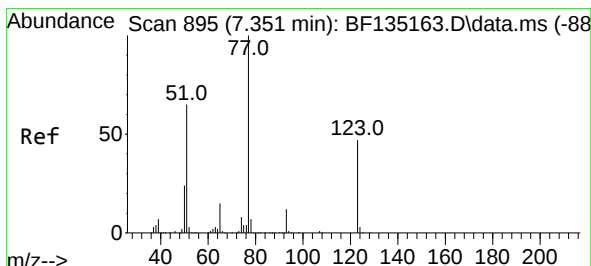
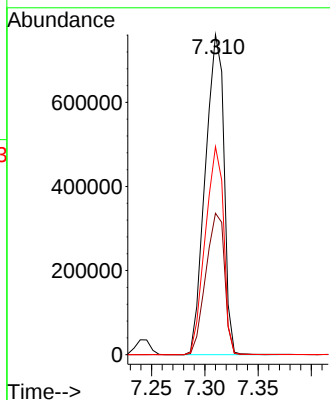
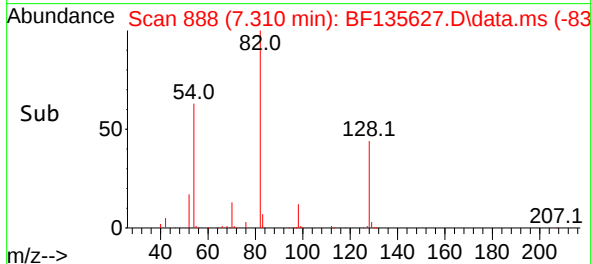
TP-1MS



Tgt Ion: 82 Resp: 926850
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 65.0 50.6 76.0

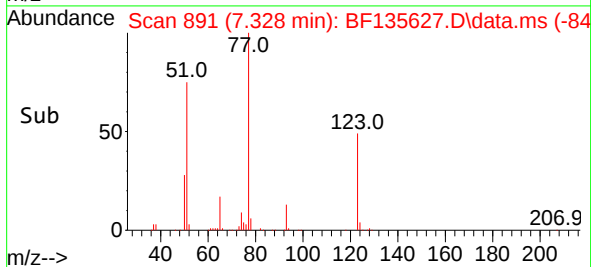
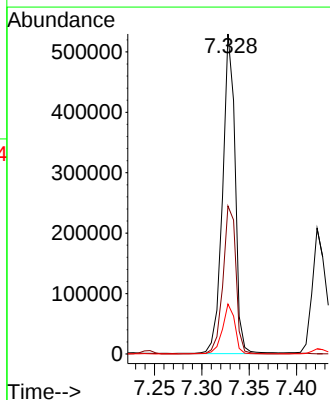
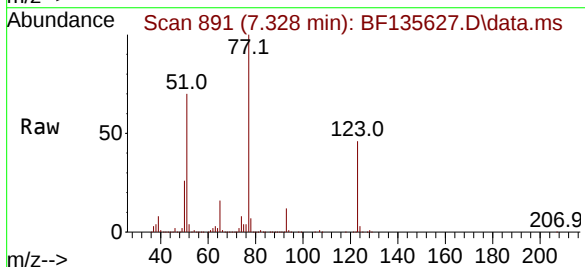
Manual Integrations
APPROVED

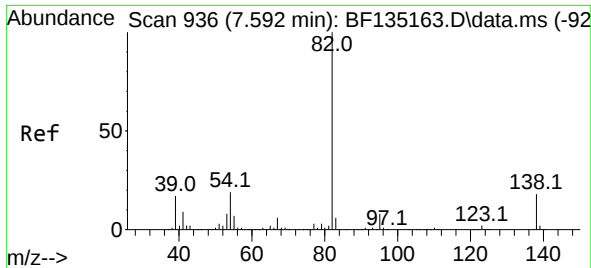
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#24
Nitrobenzene
Concen: 49.409 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

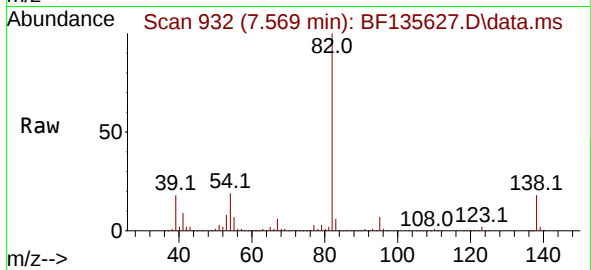
Tgt Ion: 77 Resp: 489494
Ion Ratio Lower Upper
77 100
123 46.3 37.6 56.4
65 15.6 12.2 18.4





#25
Isophorone
Concen: 50.273 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

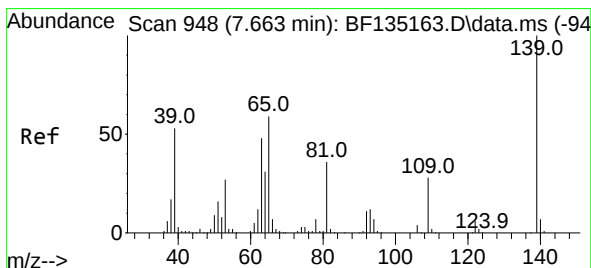
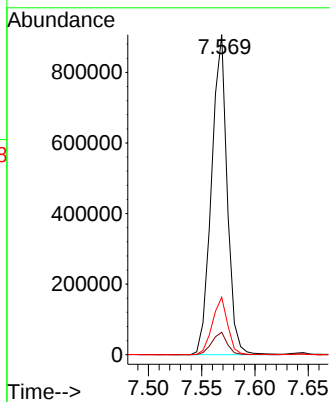
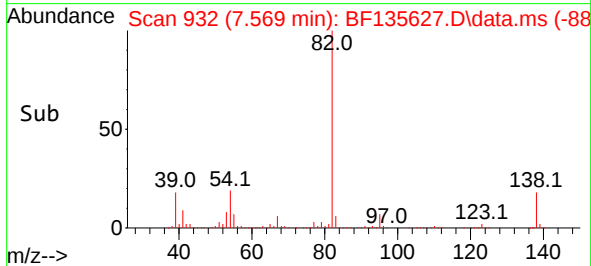
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 925300
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.0 14.5 21.7

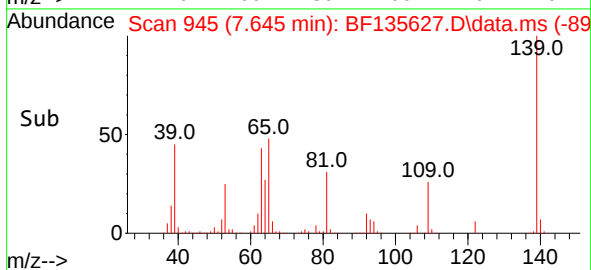
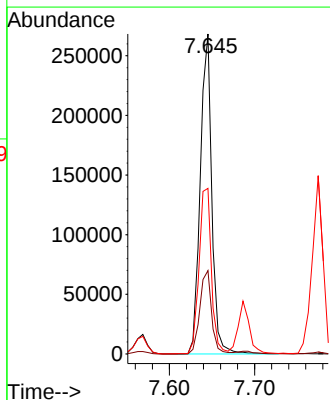
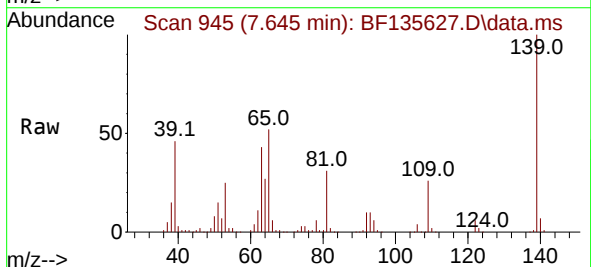
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#26
2-Nitrophenol
Concen: 53.206 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:139 Resp: 252984
Ion Ratio Lower Upper
139 100
109 26.0 22.6 33.8
65 51.7 47.0 70.4





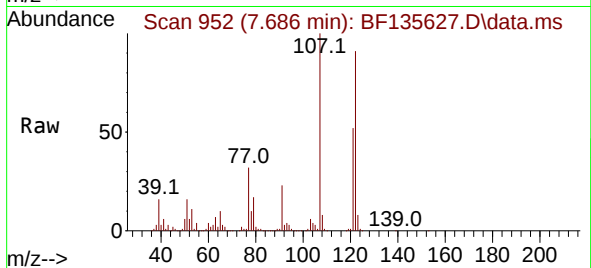
#27
2,4-Dimethylphenol
Concen: 46.071 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

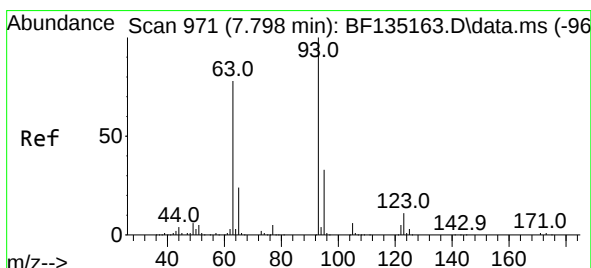
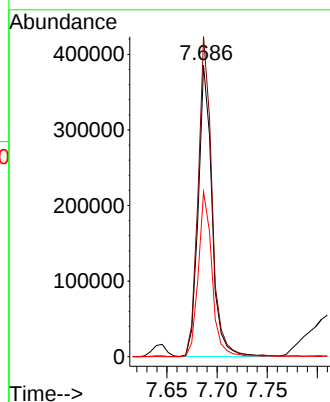
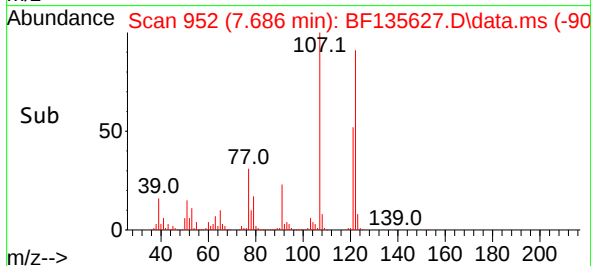


Tgt Ion:122 Resp: 368209
Ion Ratio Lower Upper
122 100
107 109.8 90.2 135.4
121 56.6 46.3 69.5

Manual Integrations

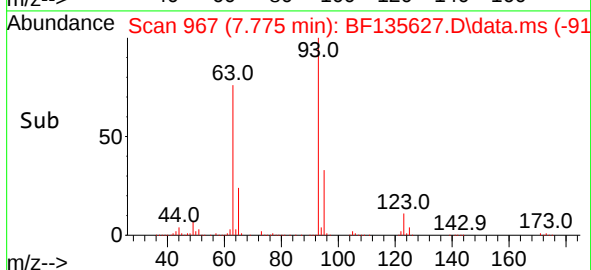
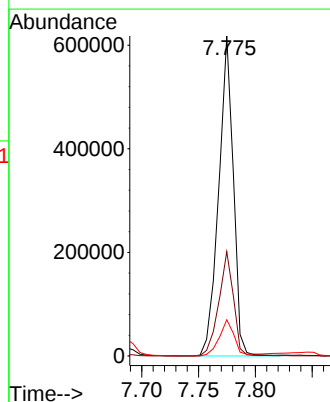
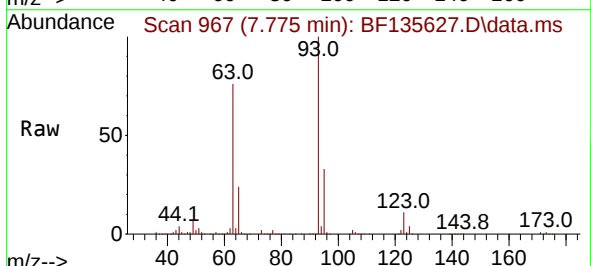
APPROVED

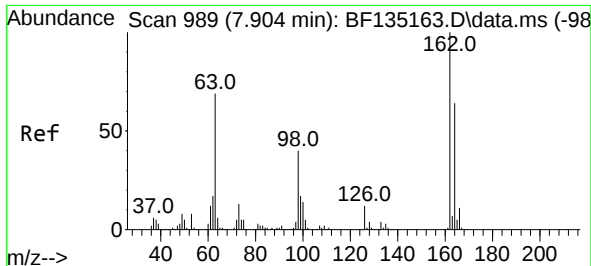
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#28
bis(2-Chloroethoxy)methane
Concen: 50.371 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion: 93 Resp: 554897
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 11.3 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 51.341 ng
RT: 7.892 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

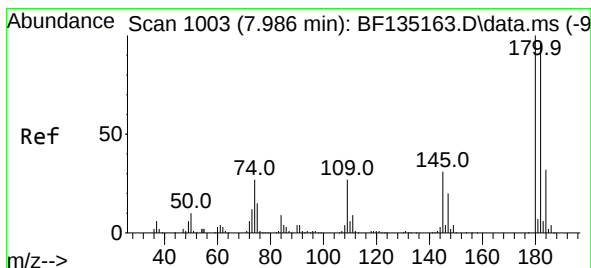
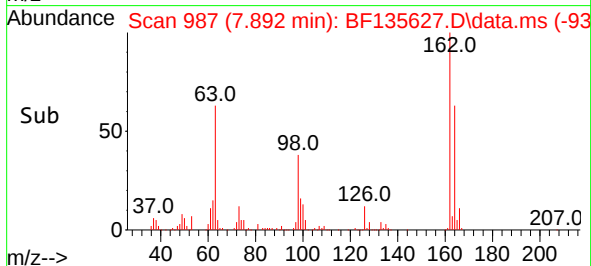
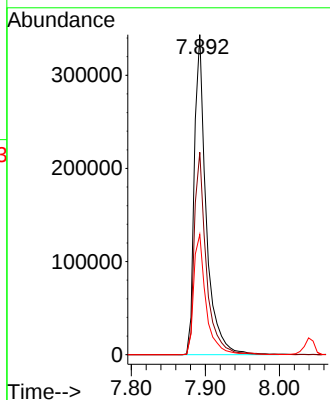
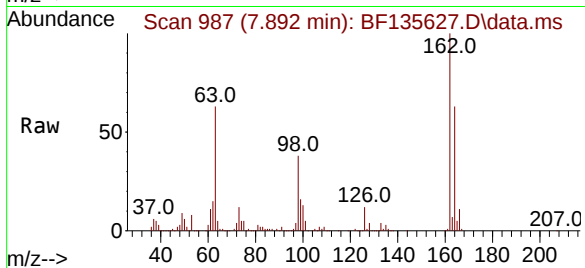
ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 380218
Ion Ratio Lower Upper
162 100
164 63.3 44.1 84.1
98 37.6 20.3 60.3

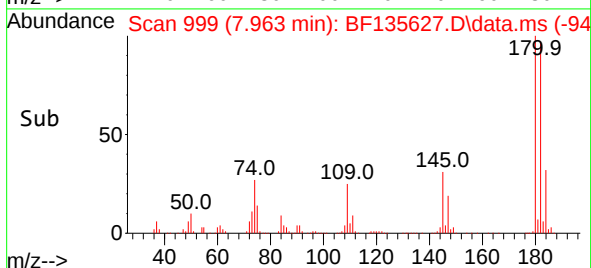
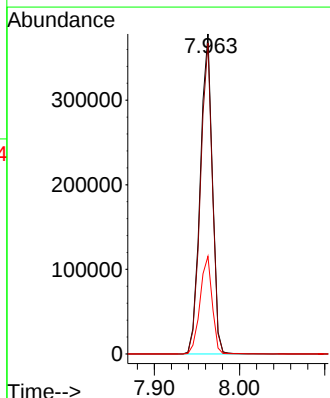
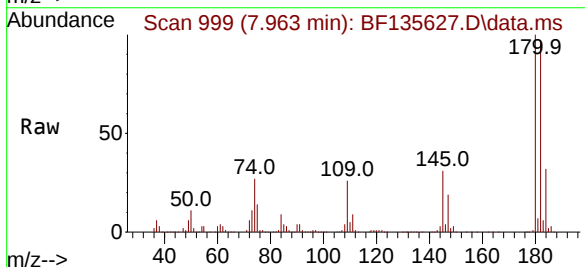
Manual Integrations
APPROVED

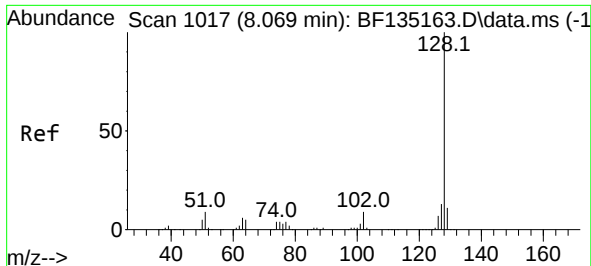
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.190 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

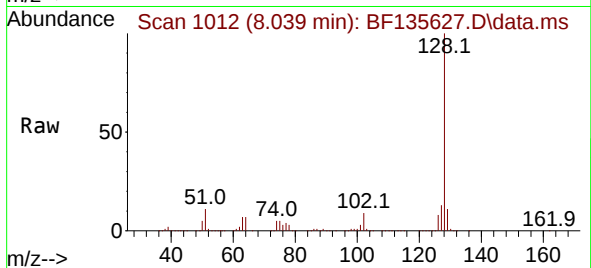
Tgt Ion:180 Resp: 373027
Ion Ratio Lower Upper
180 100
182 97.2 76.9 115.3
145 30.5 24.5 36.7





#31
Naphthalene
Concen: 47.079 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

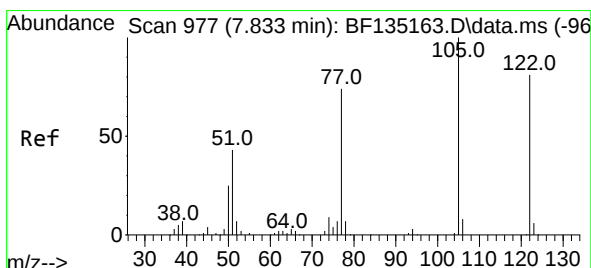
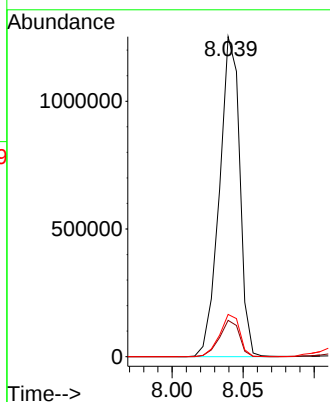
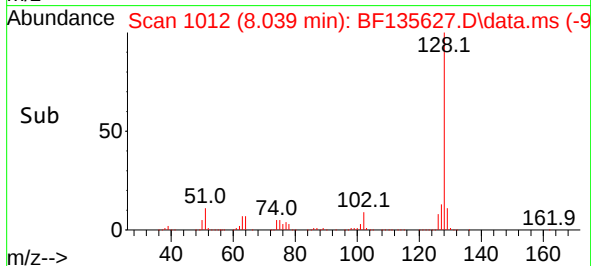
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:128 Resp: 1245640
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 10.7 16.1

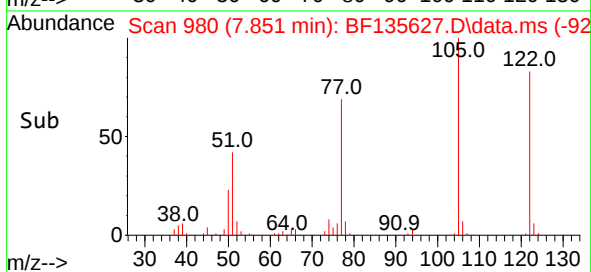
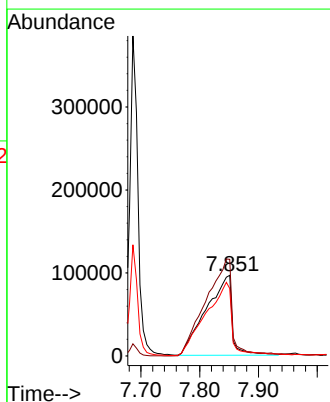
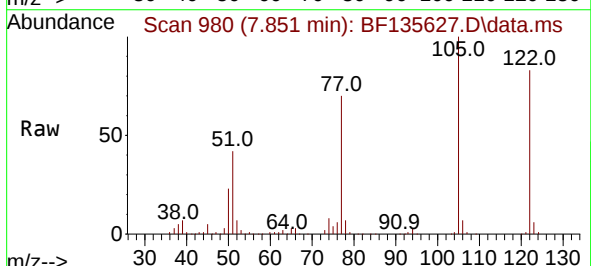
Manual Integrations
APPROVED

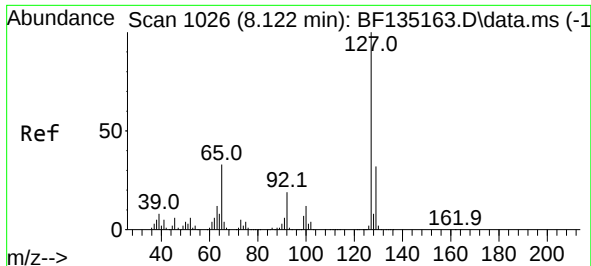
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#32
Benzoic acid
Concen: 49.528 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.029 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:122 Resp: 298074
Ion Ratio Lower Upper
122 100
105 119.8 99.9 139.9
77 83.8 70.0 110.0





#33
4-Chloroaniline
Concen: 10.612 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.018 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

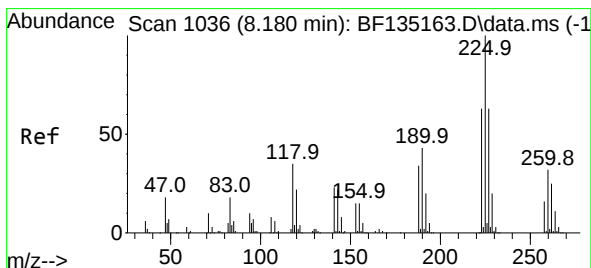
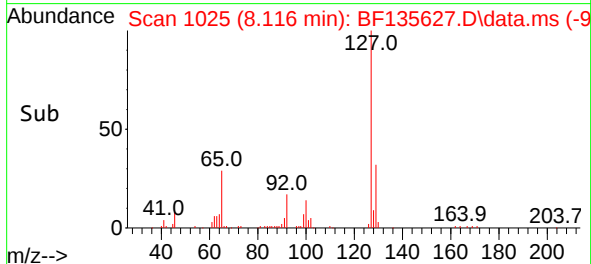
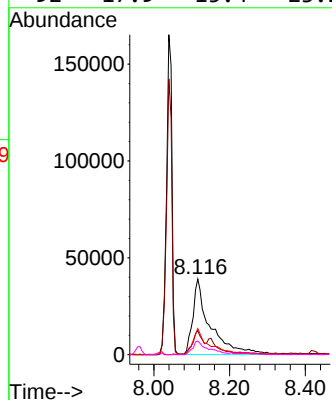
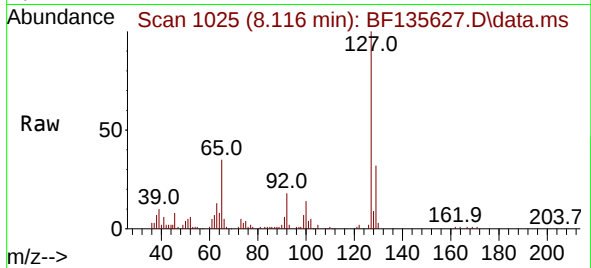
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:127 Resp: 12318

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	34.6	26.6	39.8
92	17.9	15.4	23.2

Manual Integrations
APPROVED

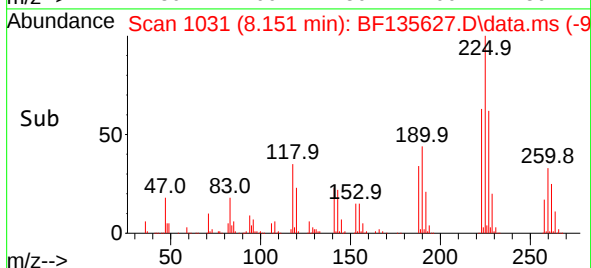
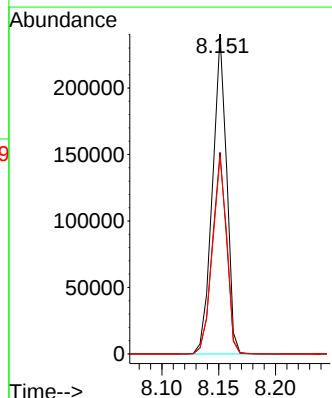
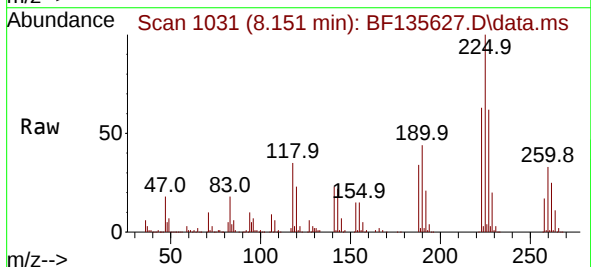
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

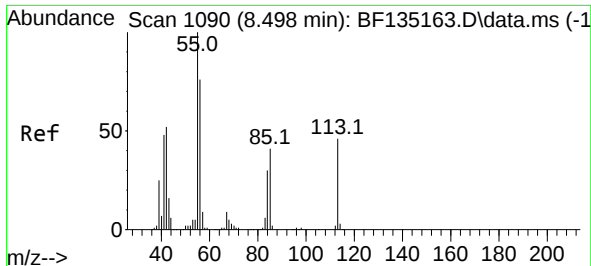


#34
Hexachlorobutadiene
Concen: 44.419 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:225 Resp: 207327

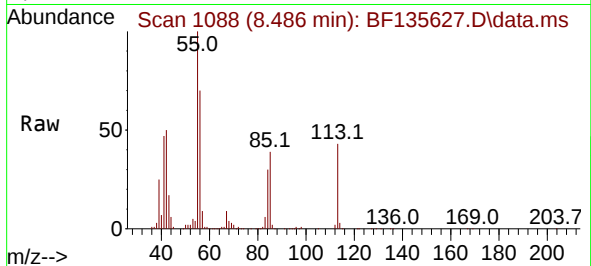
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	61.7	50.8	76.2





#35
Caprolactam
Concen: 48.610 ng m
RT: 8.486 min Scan# 1090
Delta R.T. 0.018 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

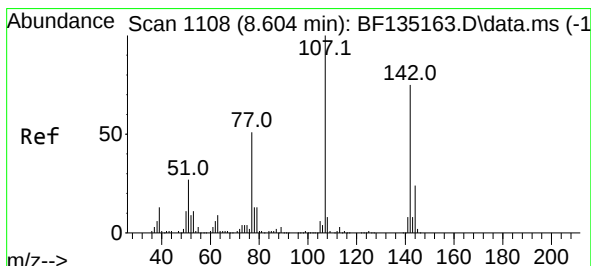
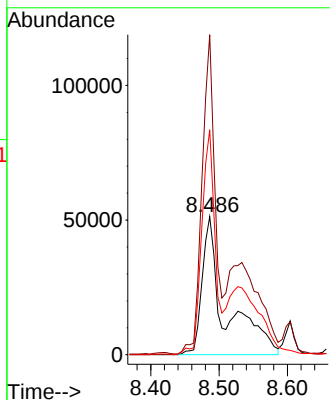
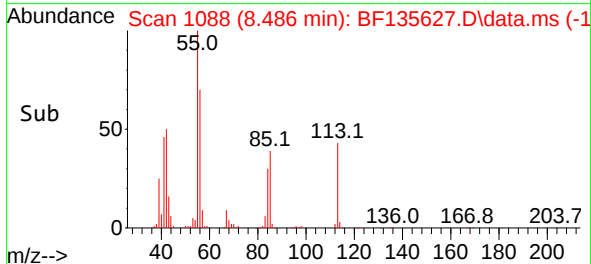
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:113 Resp: 120819
Ion Ratio Lower Upper
113 100
55 231.6 199.3 239.3
56 162.8 146.3 186.3

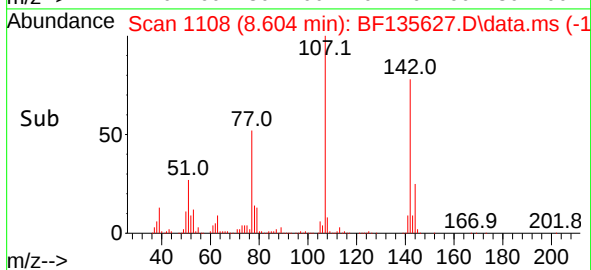
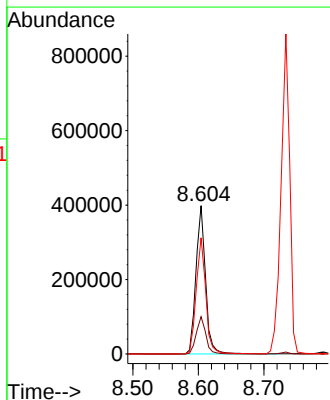
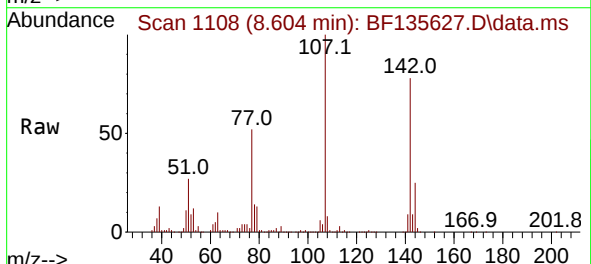
Manual Integrations
APPROVED

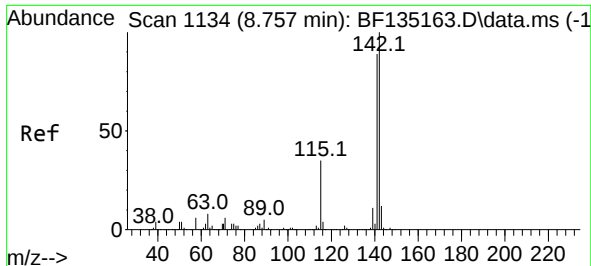
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#36
4-Chloro-3-methylphenol
Concen: 49.421 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.018 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:107 Resp: 406785
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 78.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.745 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 795800

Ion Ratio Lower Upper

142 100

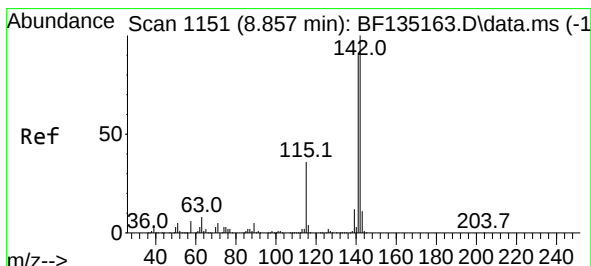
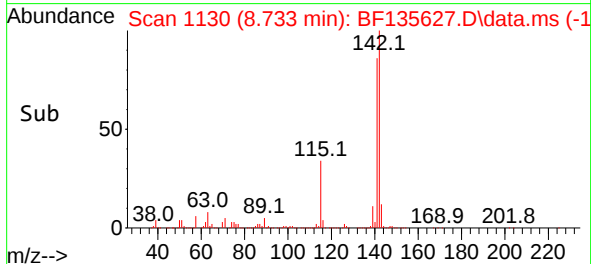
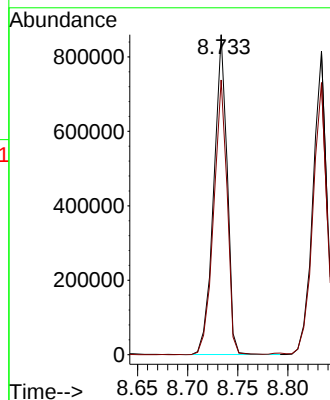
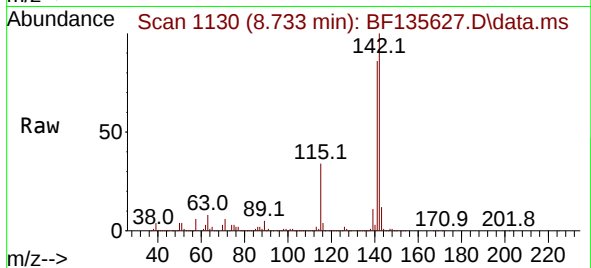
141 85.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#38

1-Methylnaphthalene

Concen: 45.808 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135627.D

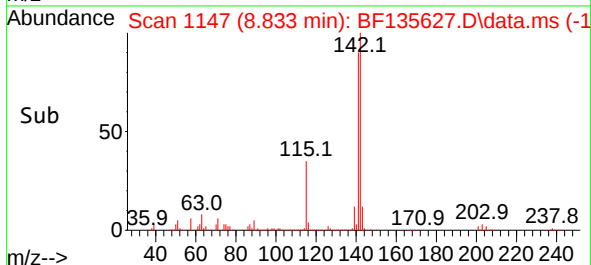
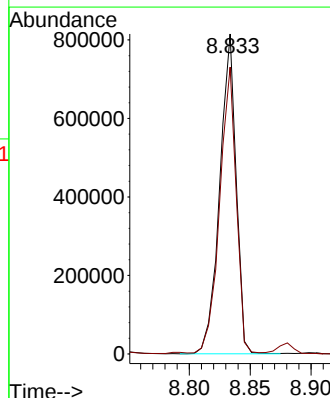
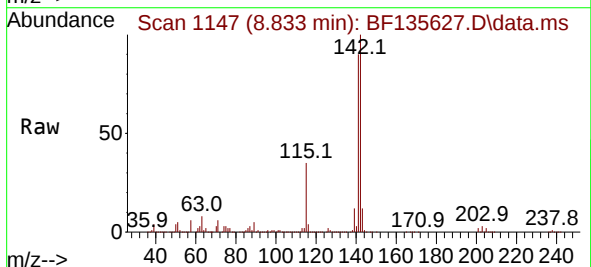
Acq: 06 Oct 2023 14:07

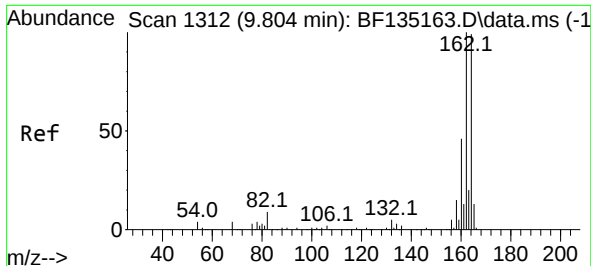
Tgt Ion:142 Resp: 762770

Ion Ratio Lower Upper

142 100

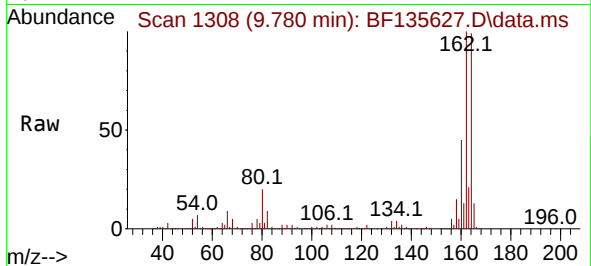
141 89.7 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

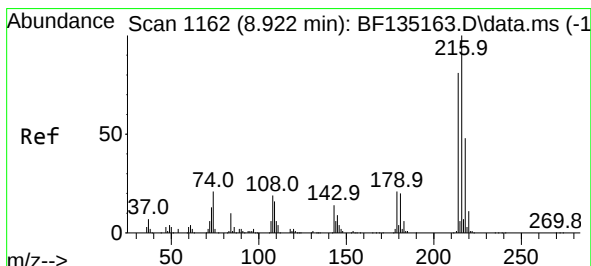
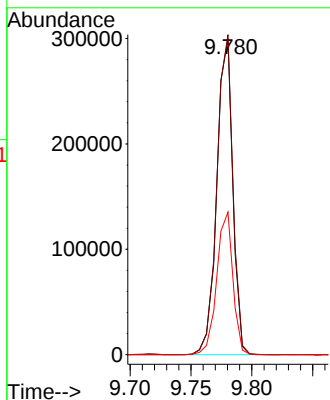
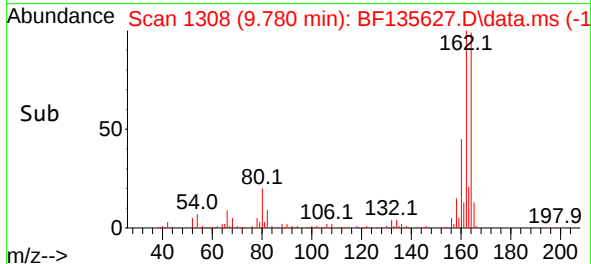
Instrument :
BNA_F
ClientSampleId :
TP-1MS



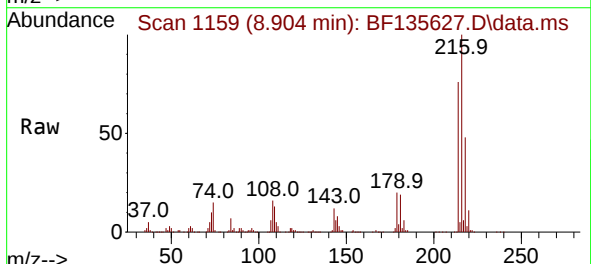
Tgt Ion:164 Resp: 27412
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.1 37.0 55.4

Manual Integrations
APPROVED

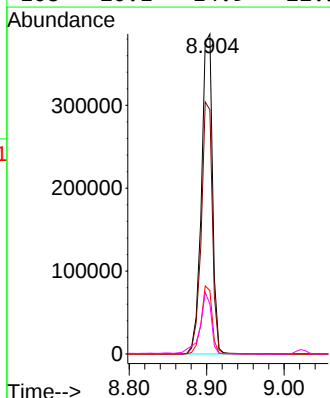
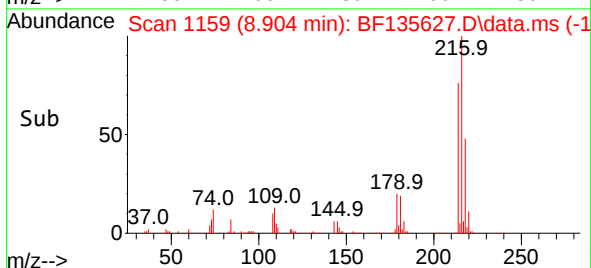
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.028 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



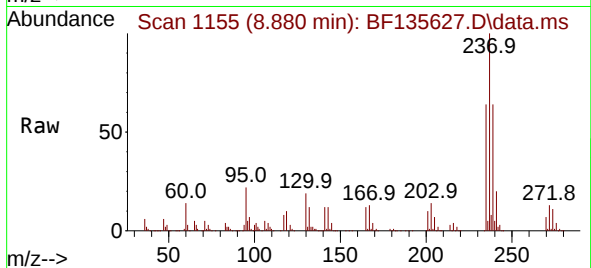
Tgt Ion:216 Resp: 381416
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 20.7 16.7 25.1
108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.683 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

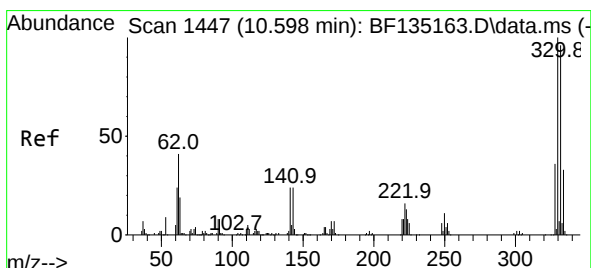
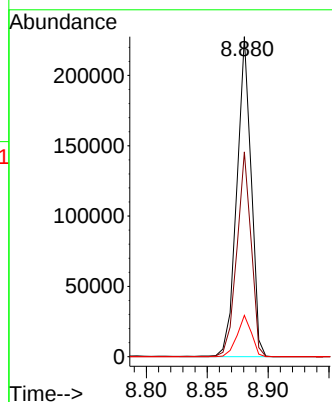
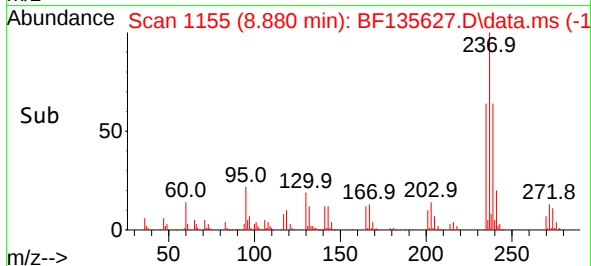
Instrument :
BNA_F
ClientSampleId :
TP-1MS



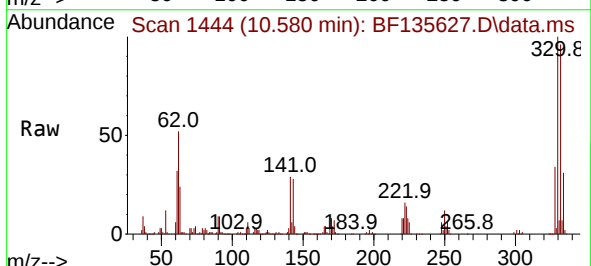
Tgt Ion:237 Resp: 18619
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 12.9 0.0 33.6

Manual Integrations
APPROVED

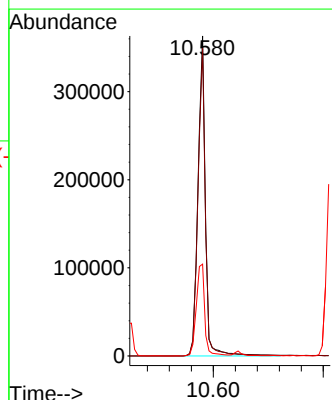
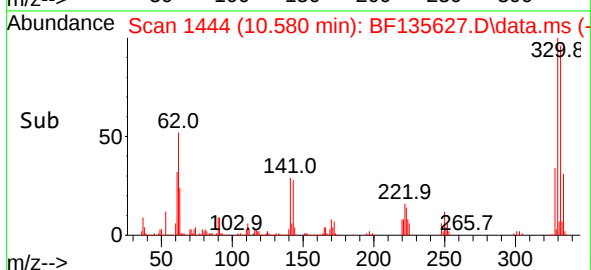
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

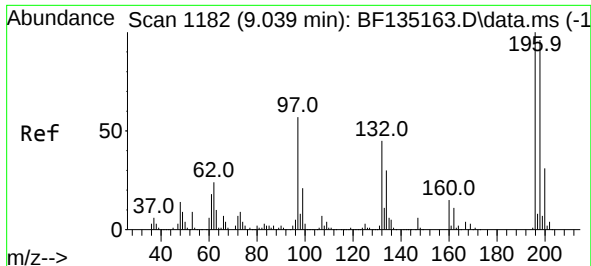


#42
2,4,6-Tribromophenol
Concen: 124.677 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



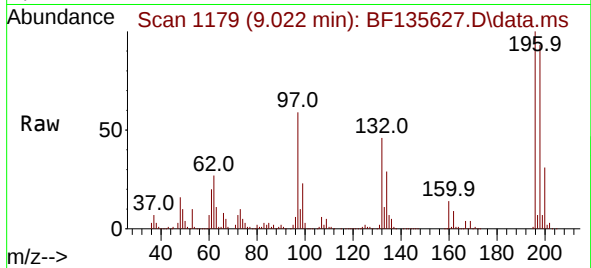
Tgt Ion:330 Resp: 339633
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 48.770 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

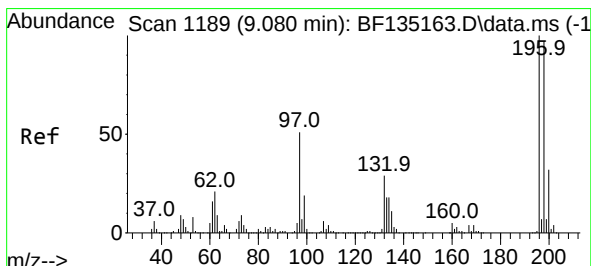
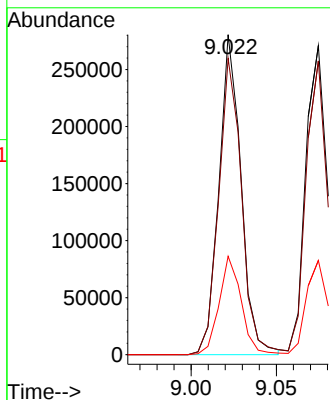
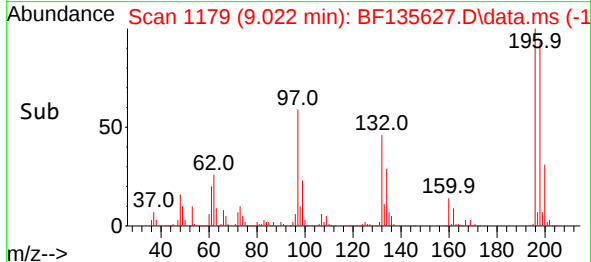
Instrument :
BNA_F
ClientSampleId :
TP-1MS



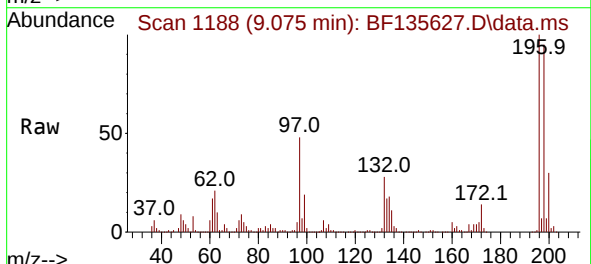
Tgt Ion:196 Resp: 25358
Ion Ratio Lower Upper
196 100
198 92.6 77.0 115.6
200 30.7 24.5 36.7

Manual Integrations
APPROVED

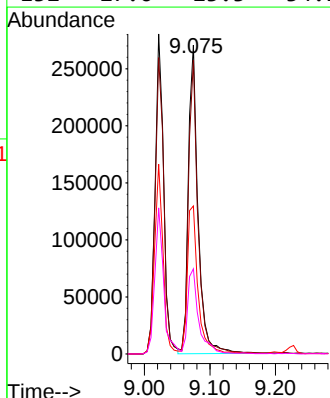
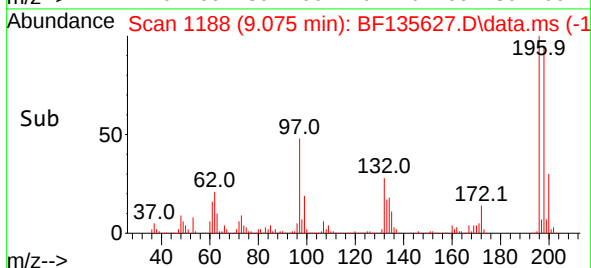
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

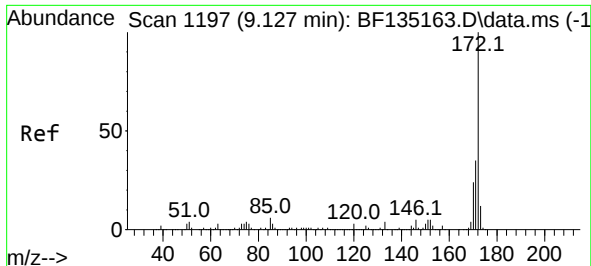


#44
2,4,5-Trichlorophenol
Concen: 46.587 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



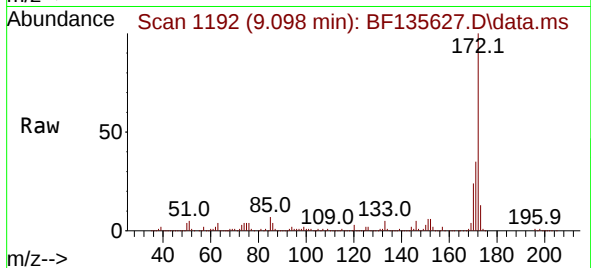
Tgt Ion:196 Resp: 278962
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 47.9 40.5 60.7
132 27.6 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 83.091 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

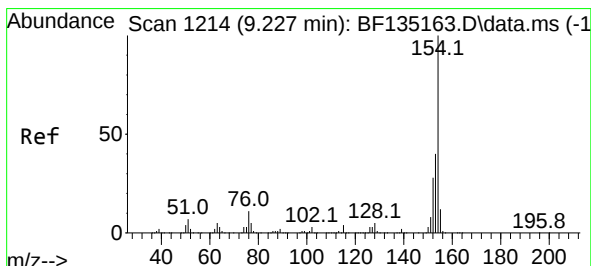
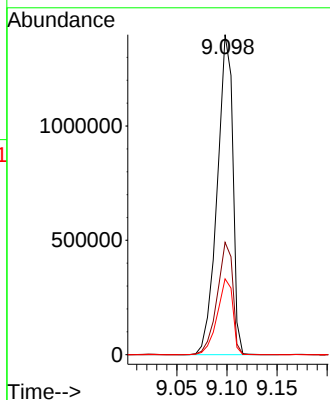
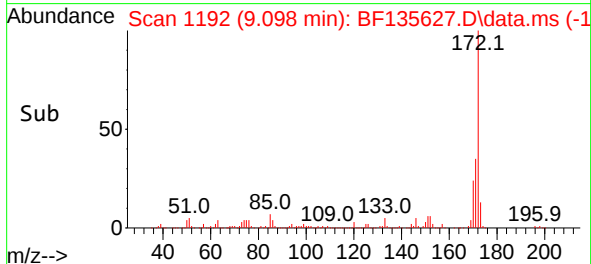
Instrument :
BNA_F
ClientSampleId :
TP-1MS



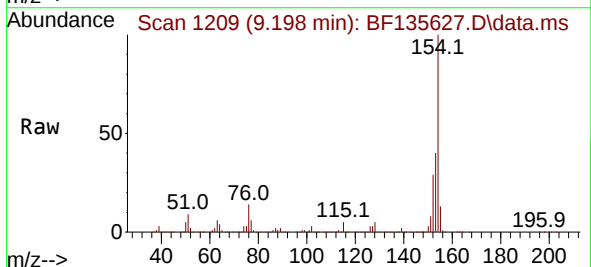
Tgt Ion:172 Resp: 1509684
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 19.0 28.4

Manual Integrations
APPROVED

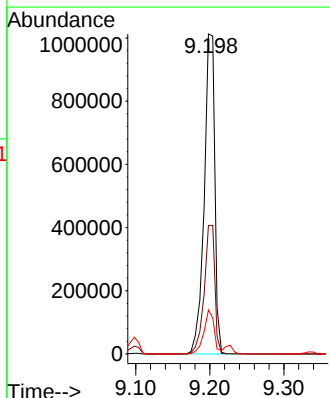
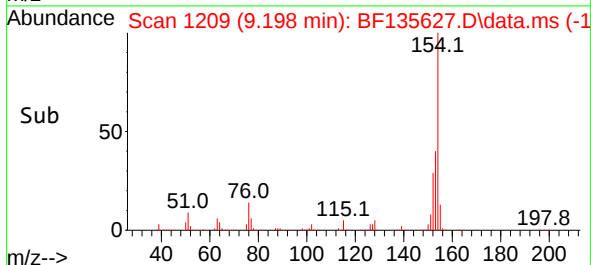
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

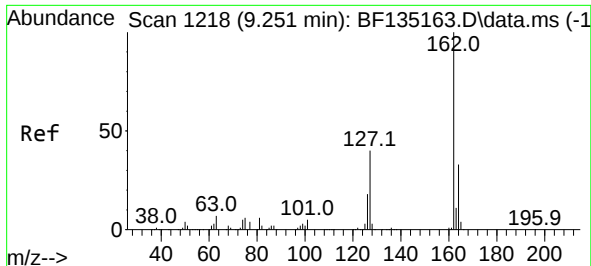


#46
1,1'-Biphenyl
Concen: 48.165 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



Tgt Ion:154 Resp: 1014644
Ion Ratio Lower Upper
154 100
153 40.1 19.6 59.6
76 13.8 0.0 31.0





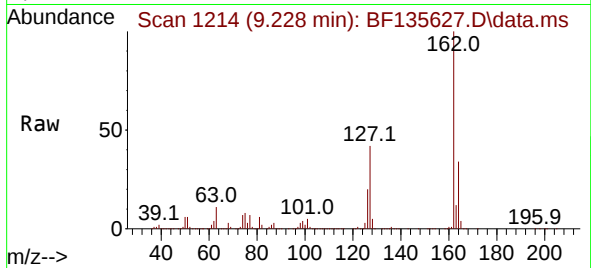
#47
2-Chloronaphthalene
Concen: 49.489 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

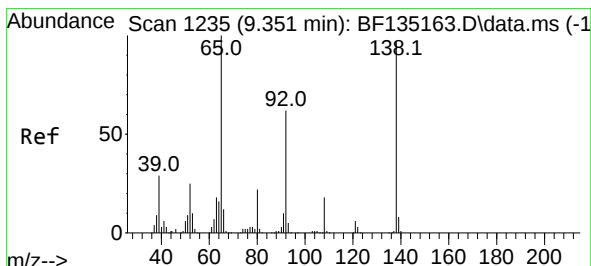
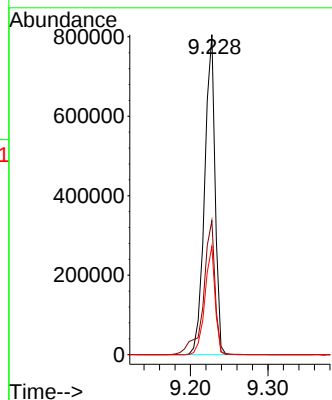
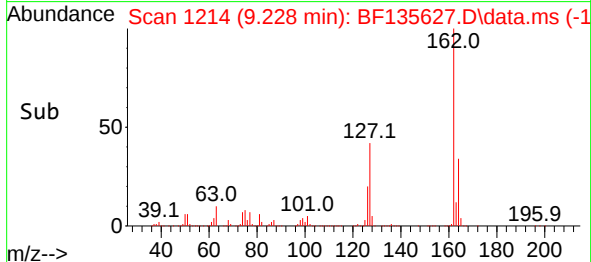


Tgt Ion:162 Resp: 756414
Ion Ratio Lower Upper
162 100
127 41.9 32.6 48.8
164 33.8 26.2 39.2

Manual Integrations

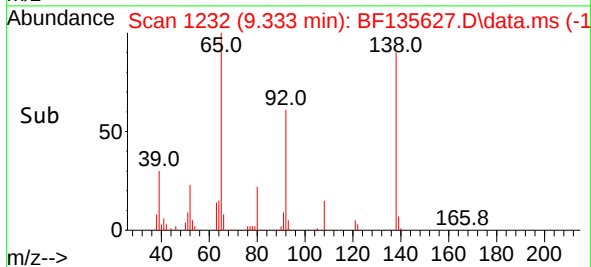
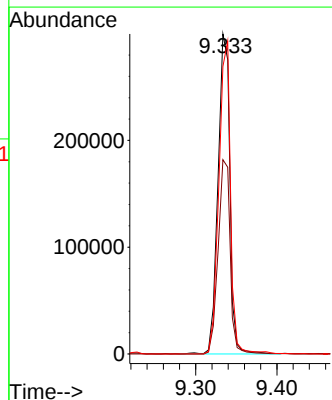
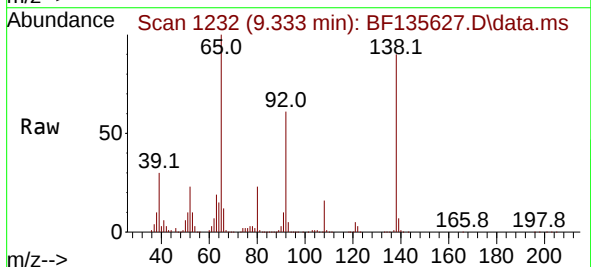
APPROVED

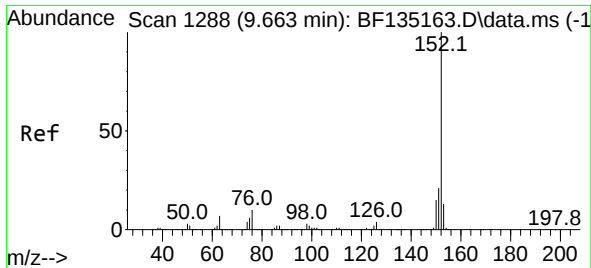
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#48
2-Nitroaniline
Concen: 51.294 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

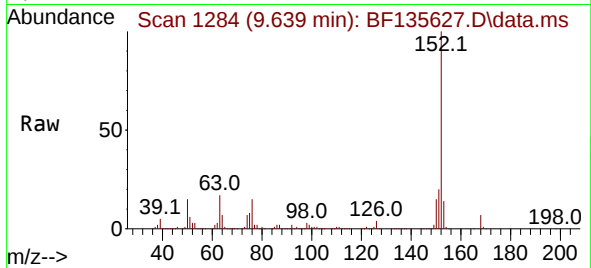
Tgt Ion: 65 Resp: 304580
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 89.9 77.4 116.0





#49
Acenaphthylene
Concen: 47.848 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

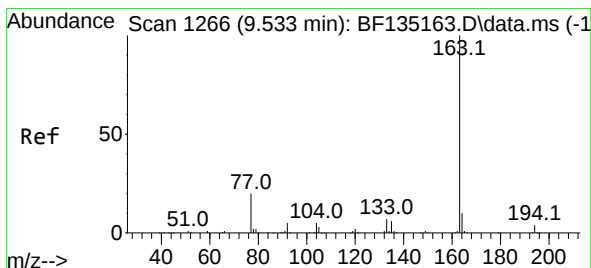
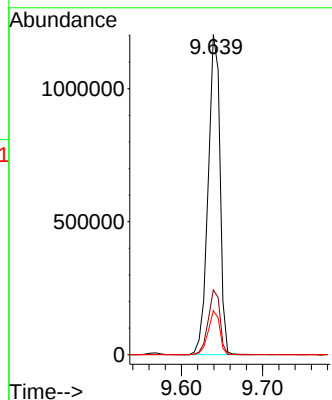
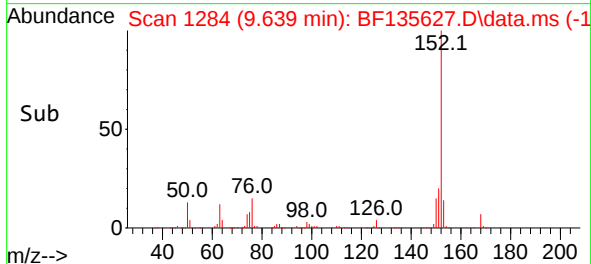
Instrument :
BNA_F
ClientSampleId :
TP-1MS



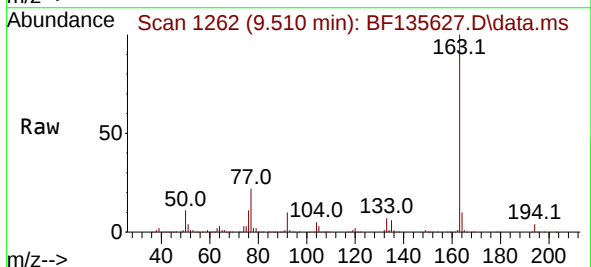
Tgt Ion:152 Resp: 121542
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.7 10.4 15.6

Manual Integrations
APPROVED

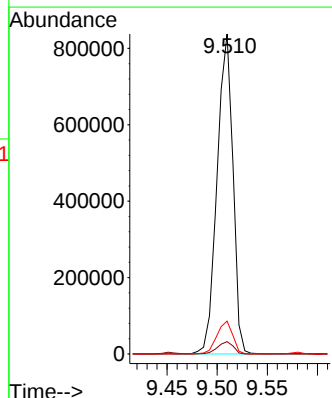
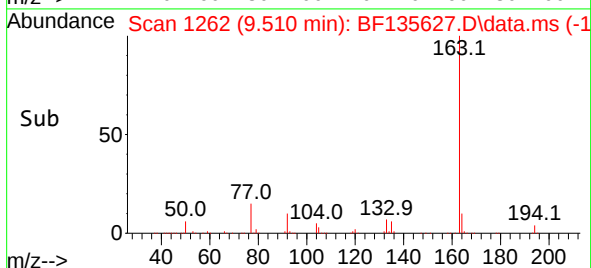
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

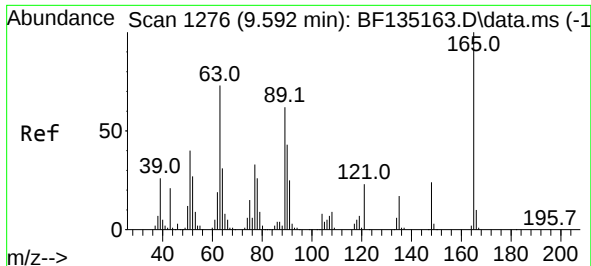


#50
Dimethylphthalate
Concen: 49.603 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



Tgt Ion:163 Resp: 919316
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.010 ng

RT: 9.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:165 Resp: 19898

Ion Ratio Lower Upper

165 100

63 66.6 59.4 89.2

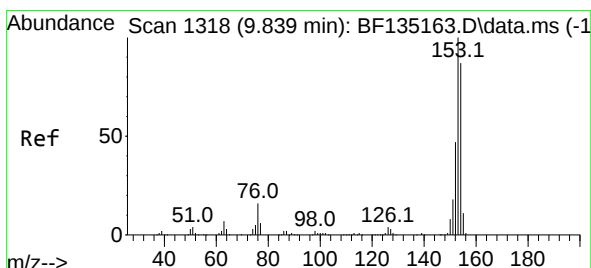
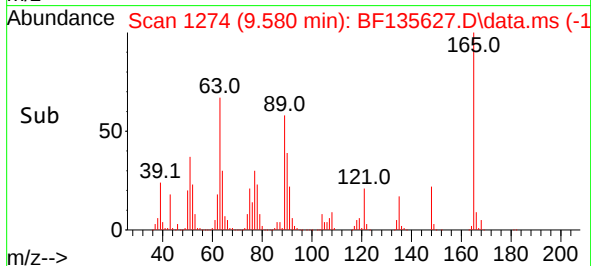
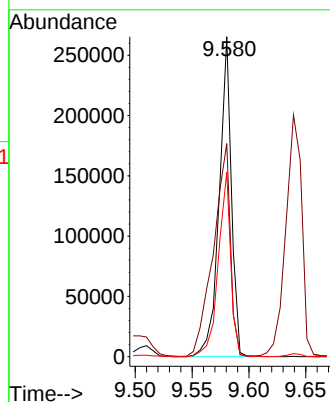
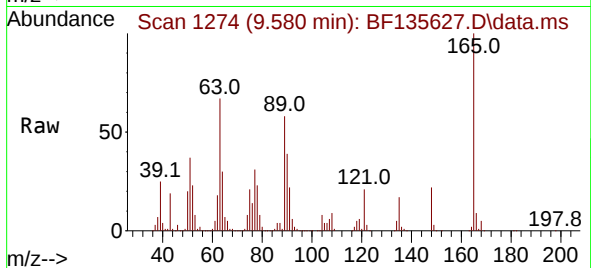
89 57.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#52

Acenaphthene

Concen: 47.885 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

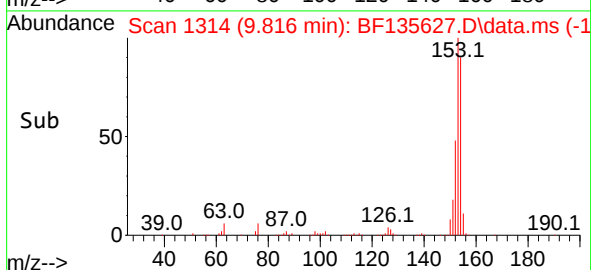
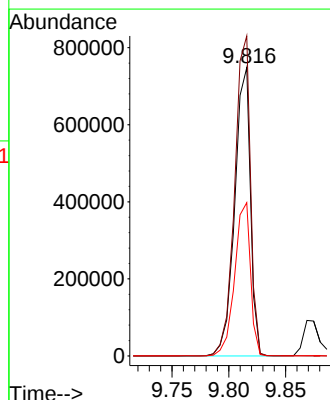
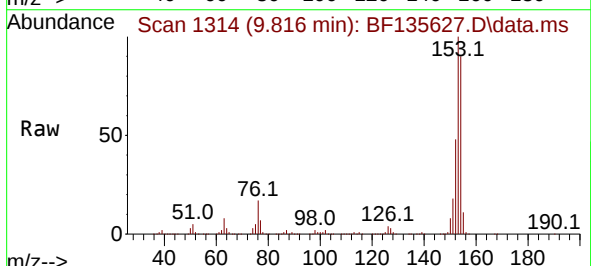
Tgt Ion:154 Resp: 718560

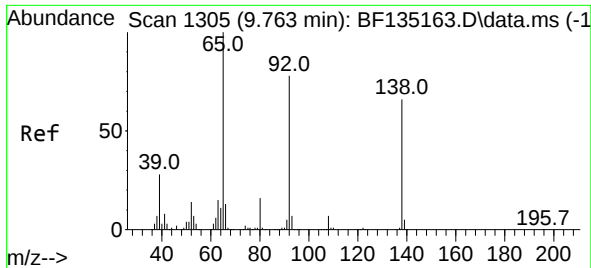
Ion Ratio Lower Upper

154 100

153 111.0 92.1 138.1

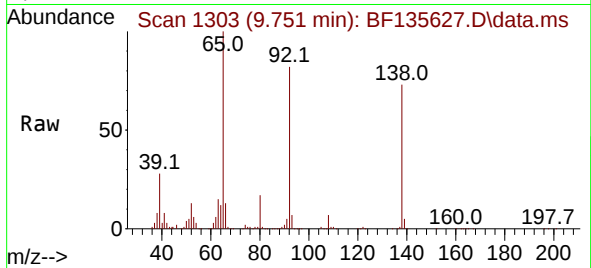
152 53.2 43.1 64.7





#53
3-Nitroaniline
Concen: 26.501 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

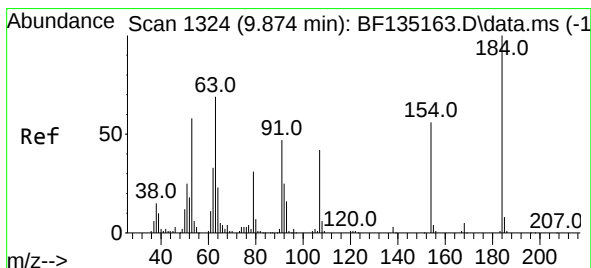
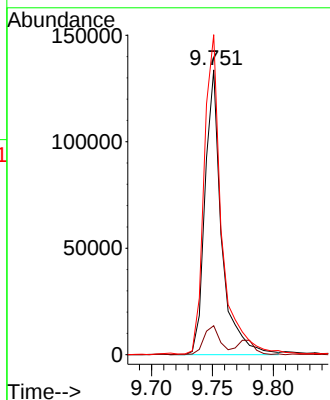
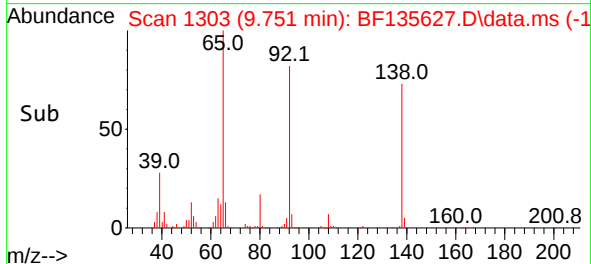
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:138 Resp: 126298
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 112.3 95.4 143.0

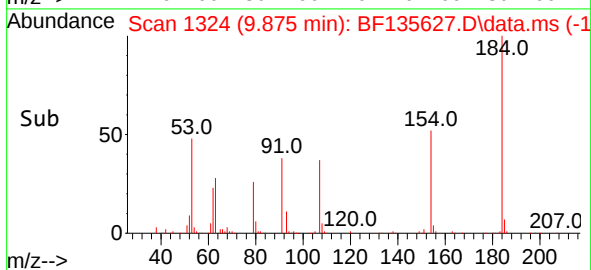
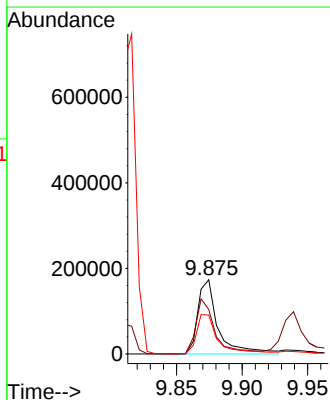
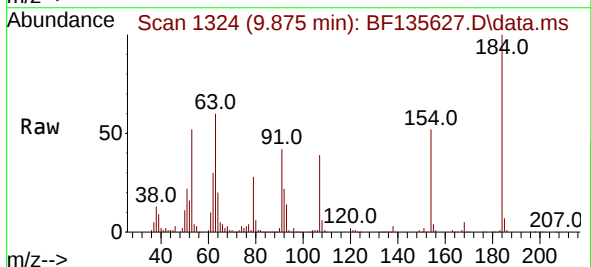
Manual Integrations
APPROVED

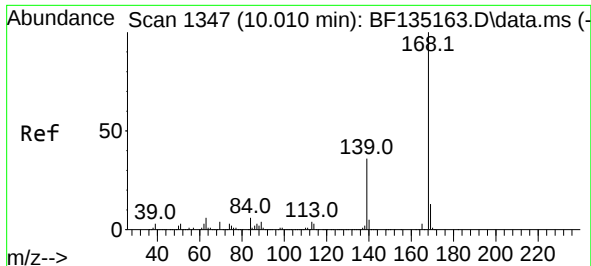
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#54
2,4-Dinitrophenol
Concen: 81.385 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

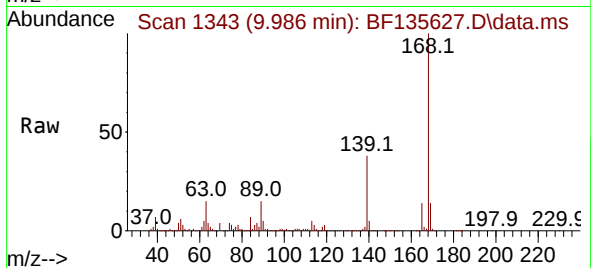
Tgt Ion:184 Resp: 187852
Ion Ratio Lower Upper
184 100
63 59.9 55.1 82.7
154 52.3 48.4 72.6





#55
Dibenzenofuran
Concen: 45.451 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

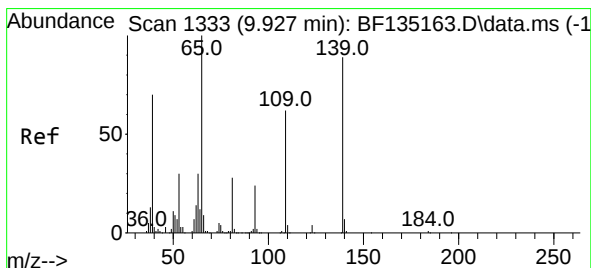
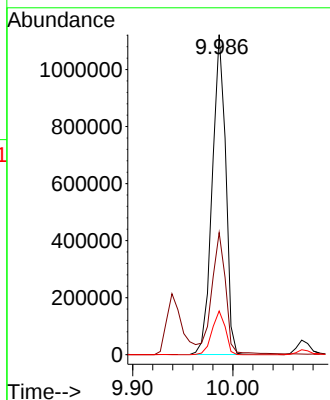
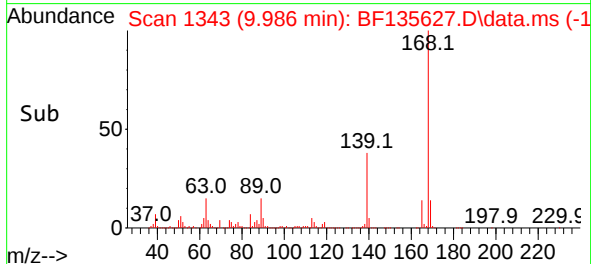
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 1040769
Ion Ratio Lower Upper
168 100
139 38.1 29.0 43.6
169 13.7 10.4 15.6

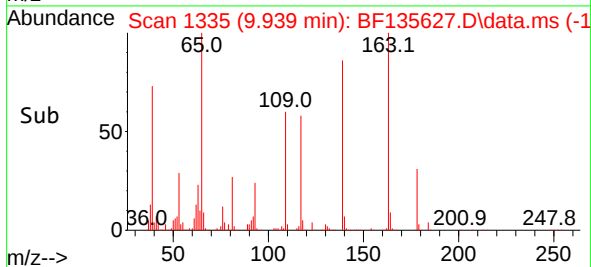
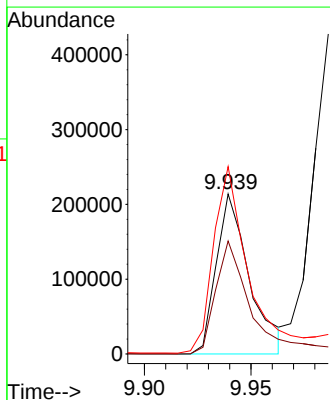
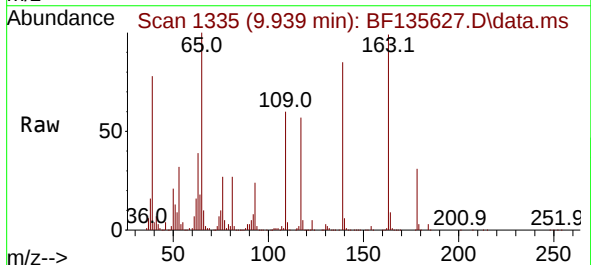
Manual Integrations
APPROVED

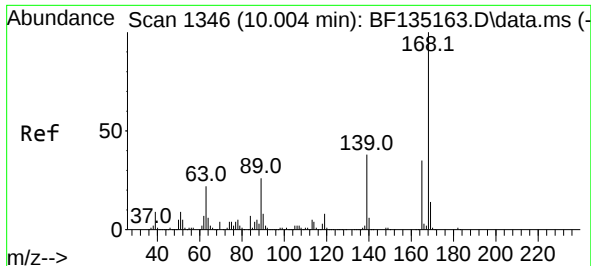
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#56
4-Nitrophenol
Concen: 76.163 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

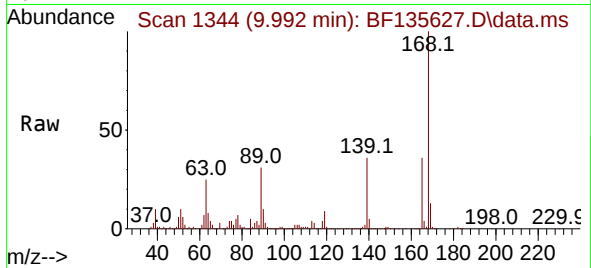
Tgt Ion:139 Resp: 230692
Ion Ratio Lower Upper
139 100
109 70.6 49.8 89.8
65 117.1 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 46.159 ng
RT: 9.992 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

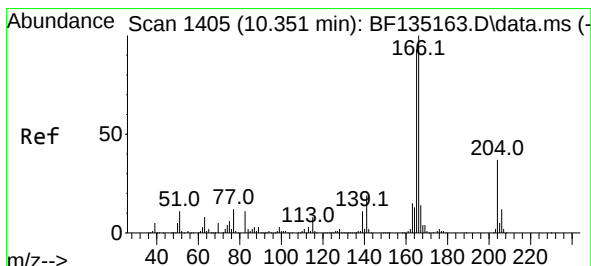
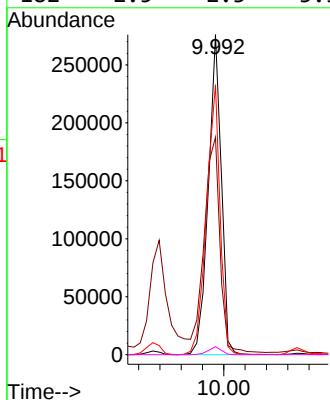
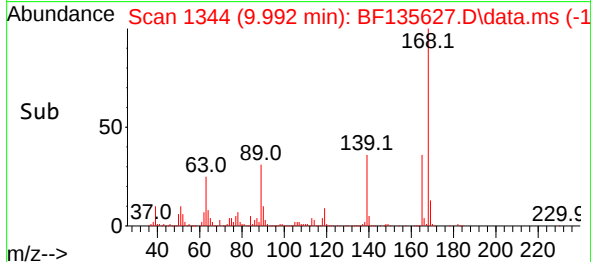
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 234610
Ion Ratio Lower Upper
165 100
63 67.9 50.1 75.1
89 84.3 59.3 88.9
182 2.5 2.3 3.5

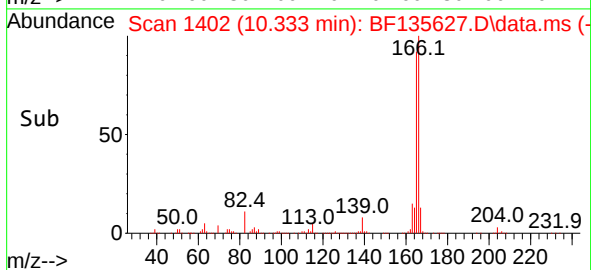
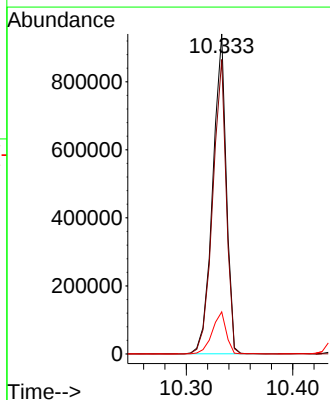
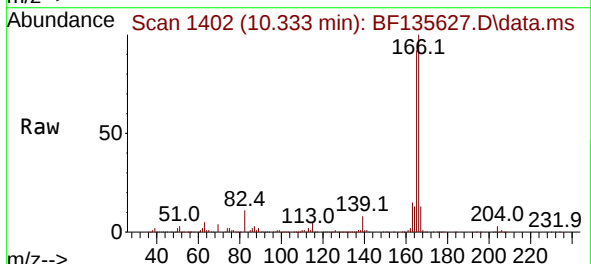
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#58
Fluorene
Concen: 47.170 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

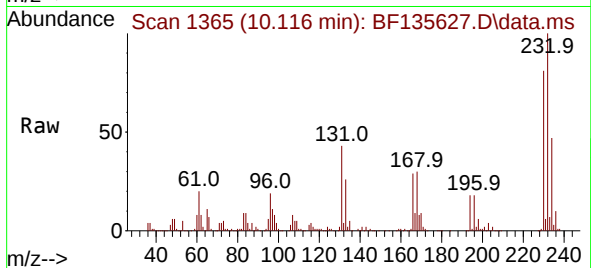
Tgt Ion:166 Resp: 830365
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.803 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

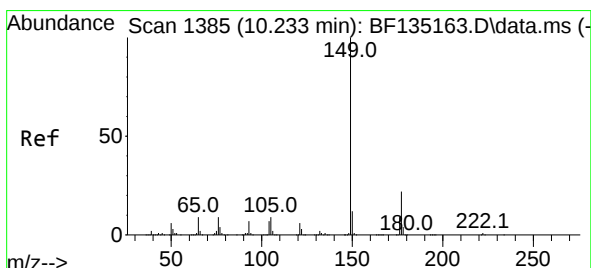
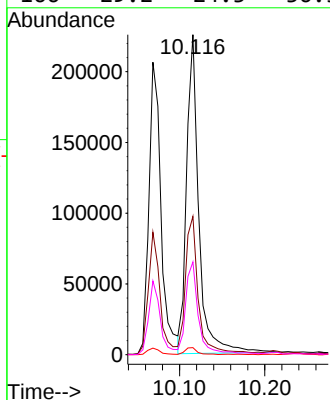
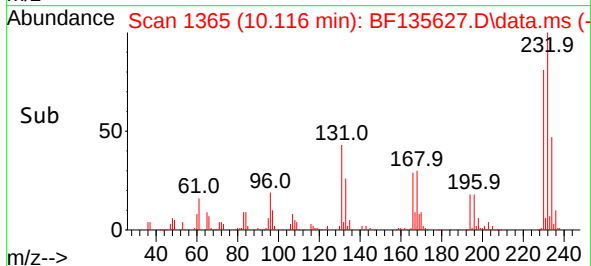
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:232 Resp: 22479
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.3 1.8 2.8
166 29.2 24.3 36.5

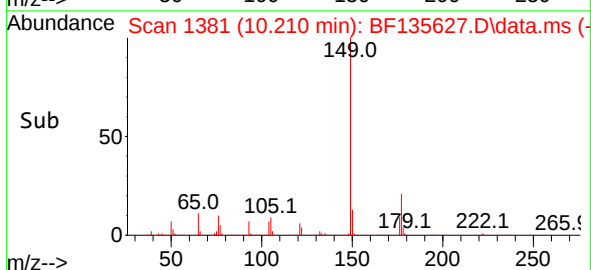
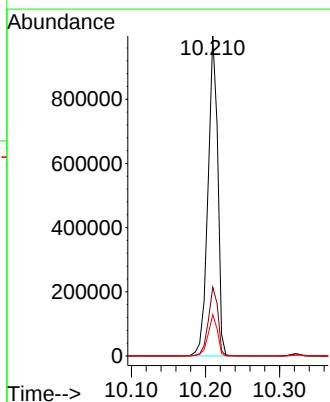
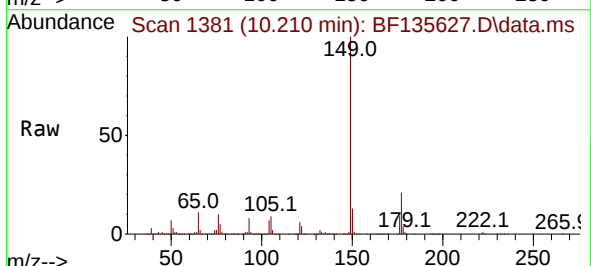
Manual Integrations
APPROVED

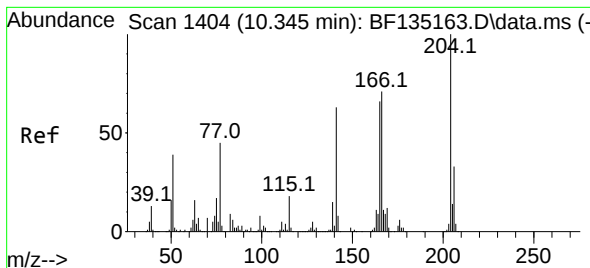
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#60
Diethylphthalate
Concen: 48.975 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

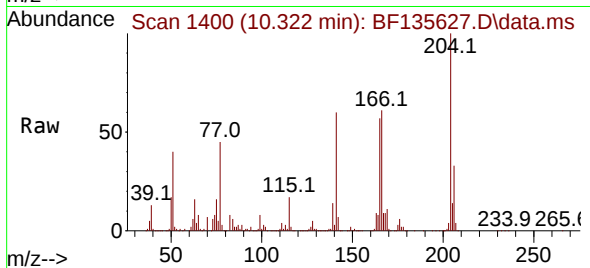
Tgt Ion:149 Resp: 910923
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.735 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

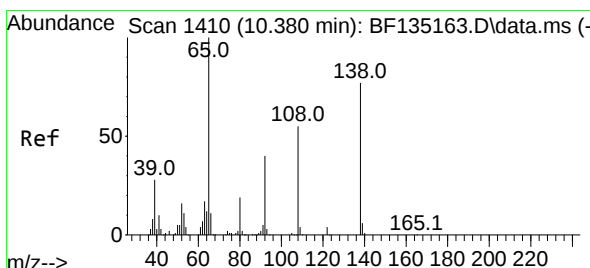
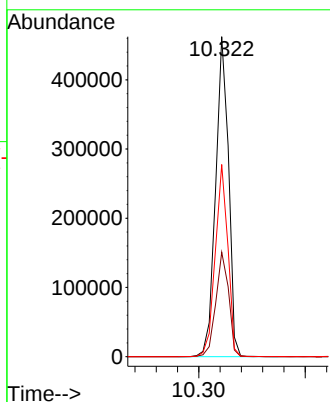
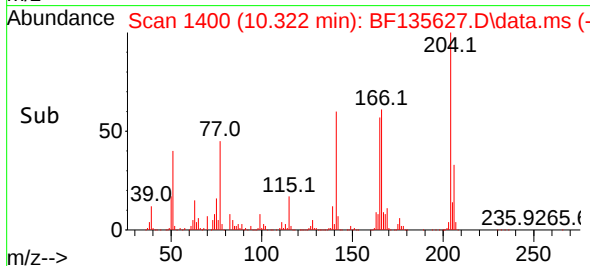
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:204 Resp: 38674
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.1 50.6 75.8

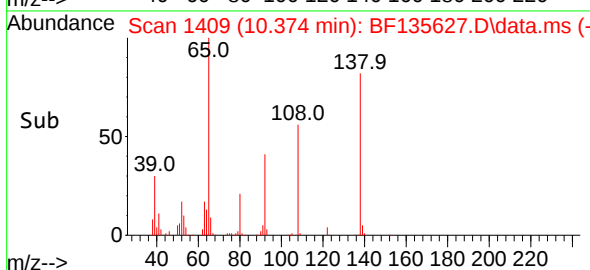
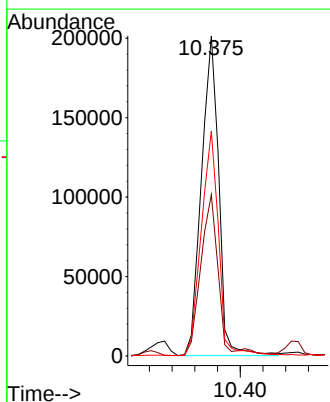
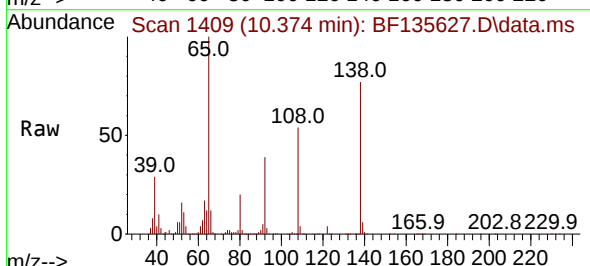
Manual Integrations
APPROVED

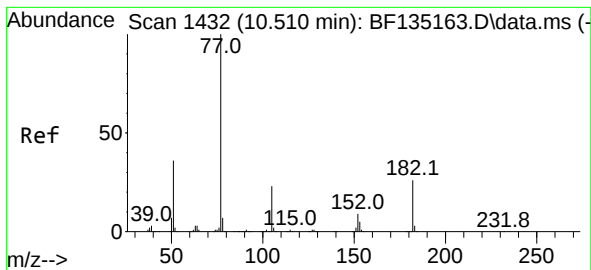
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#62
4-Nitroaniline
Concen: 46.287 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

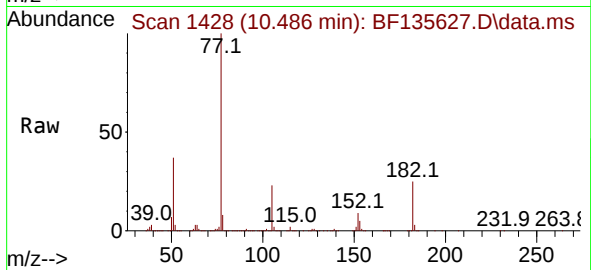
Tgt Ion:138 Resp: 212048
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 70.3 52.0 92.0





#63
Azobenzene
Concen: 49.516 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

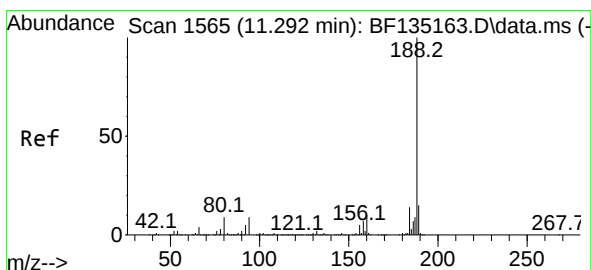
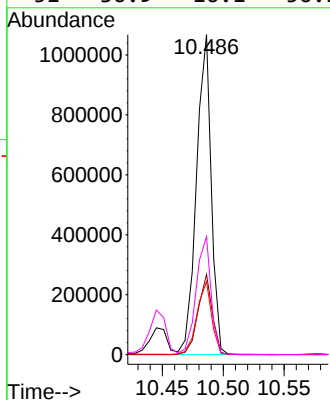
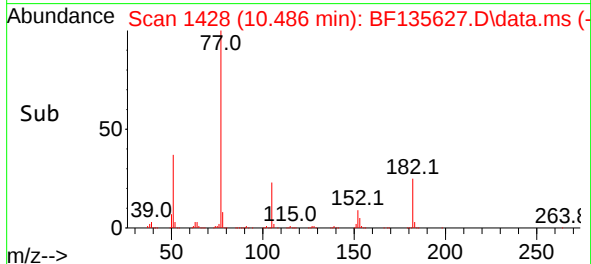
Instrument :
BNA_F
ClientSampleId :
TP-1MS



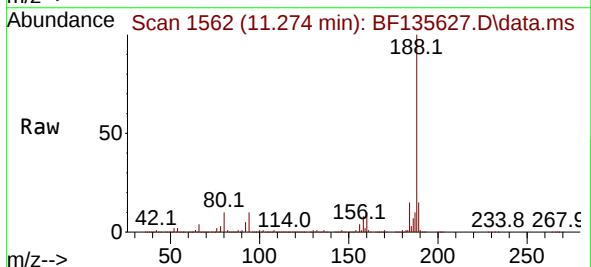
Tgt Ion: 77 Resp: 90137
Ion Ratio Lower Upper
77 100
182 25.1 6.4 46.4
105 22.8 3.1 43.1
51 36.9 16.1 56.1

Manual Integrations
APPROVED

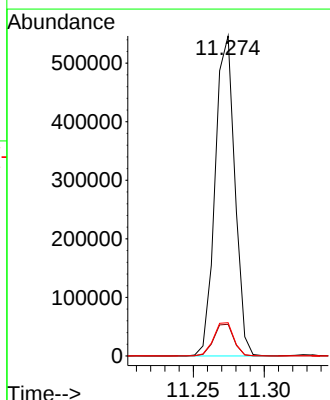
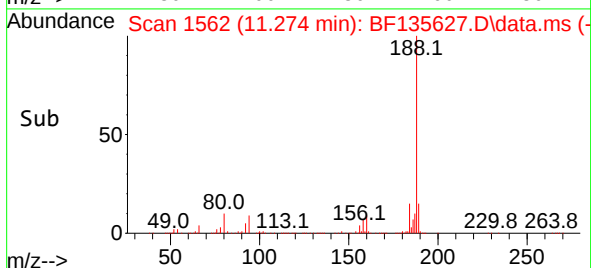
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

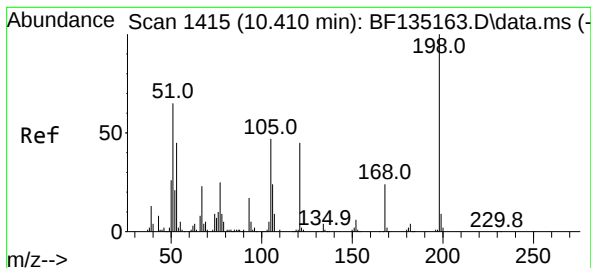


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



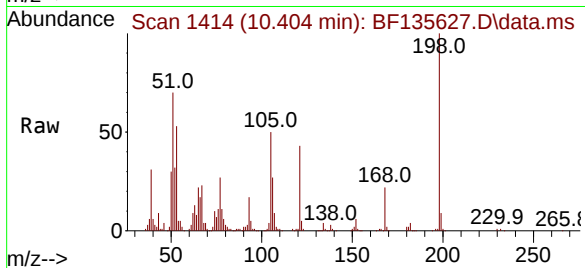
Tgt Ion:188 Resp: 525799
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.277 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

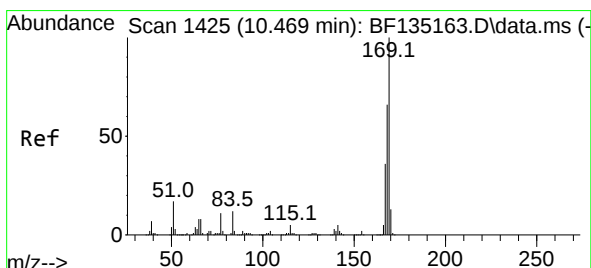
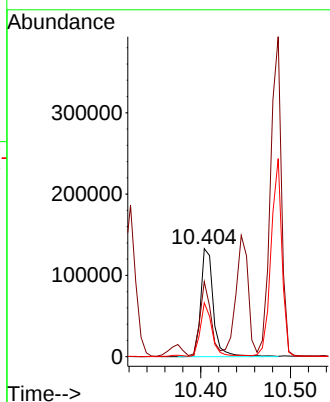
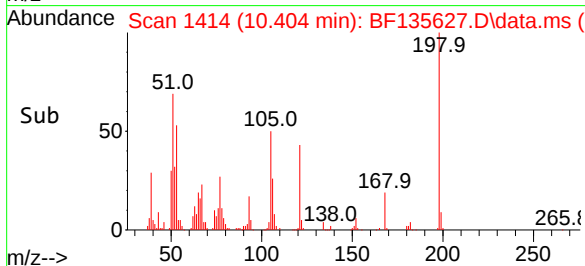
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:198 Resp: 12923
Ion Ratio Lower Upper
198 100
51 69.5 47.7 87.7
105 49.7 27.4 67.4

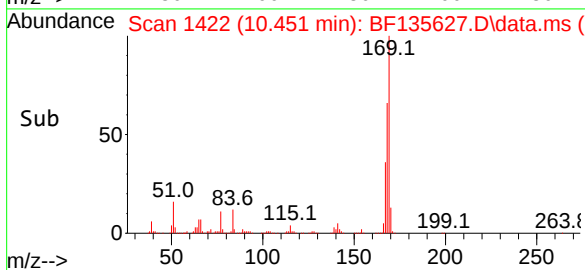
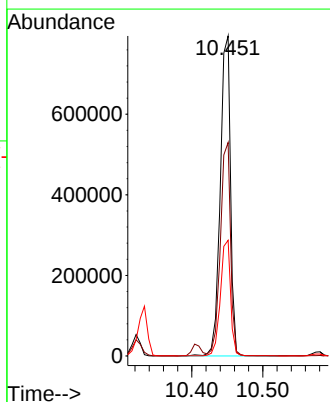
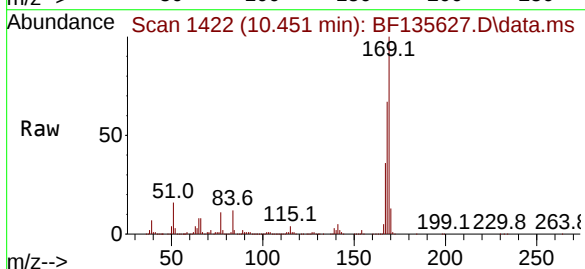
Manual Integrations
APPROVED

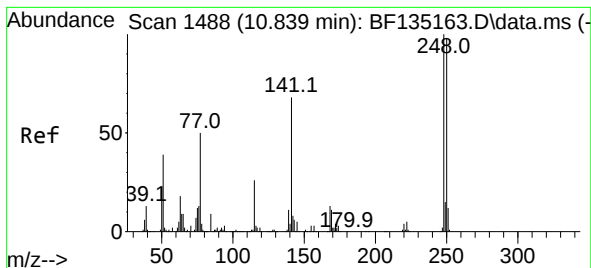
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#66
n-Nitrosodiphenylamine
Concen: 49.408 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

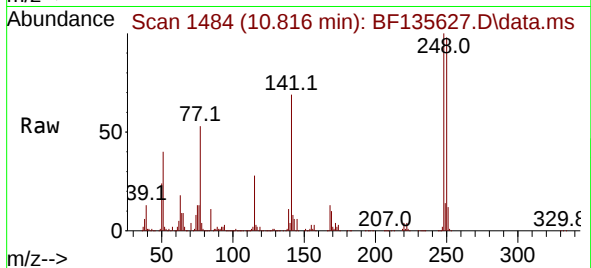
Tgt Ion:169 Resp: 786488
Ion Ratio Lower Upper
169 100
168 66.7 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.455 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

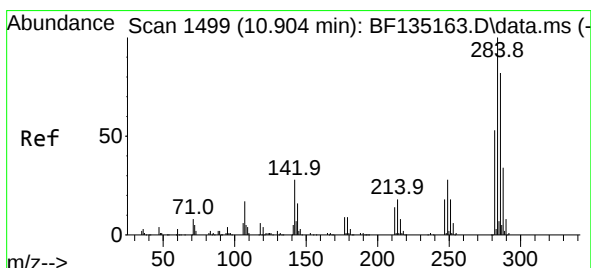
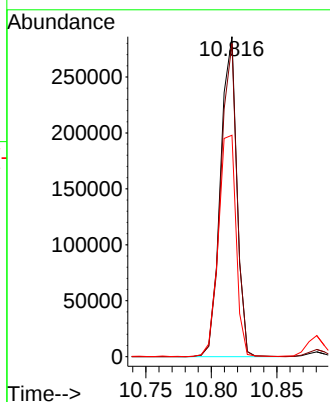
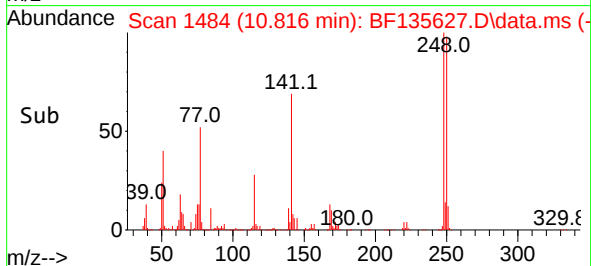
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:248 Resp: 248162
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 69.2 54.2 81.2

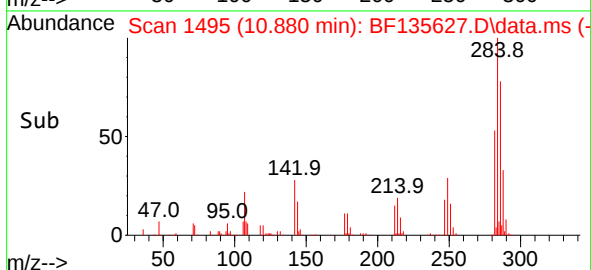
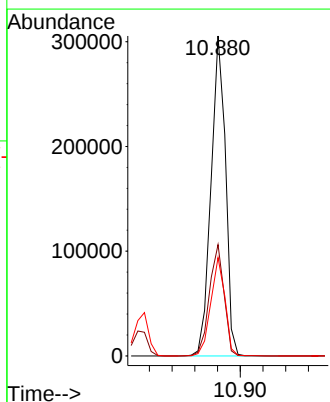
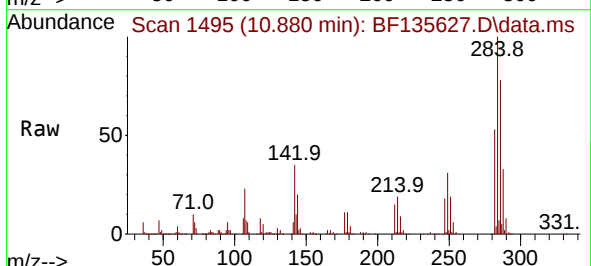
Manual Integrations
APPROVED

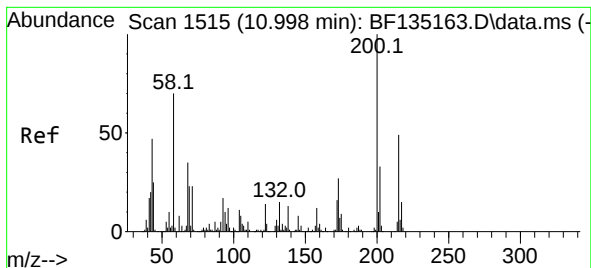
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#68
Hexachlorobenzene
Concen: 50.691 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:284 Resp: 270061
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.4#
249 30.8 22.5 33.7





#69

Atrazine

Concen: 56.449 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

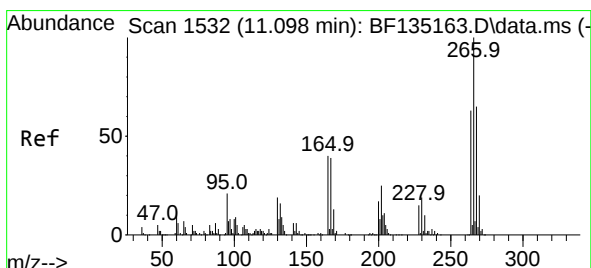
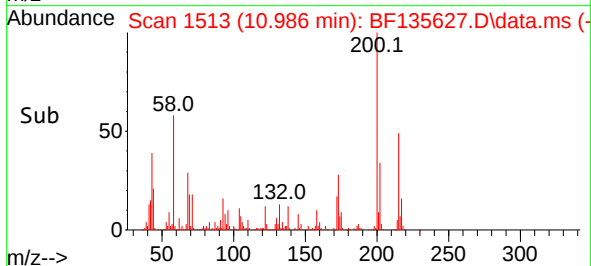
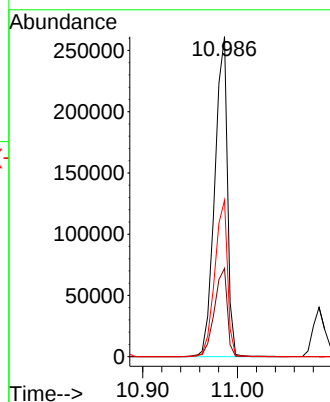
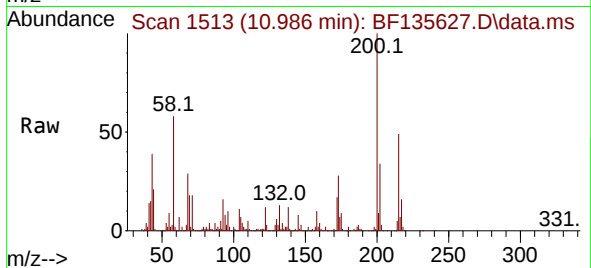
Tgt Ion:200 Resp: 24178
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.9 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#70

Pentachlorophenol

Concen: 78.404 ng

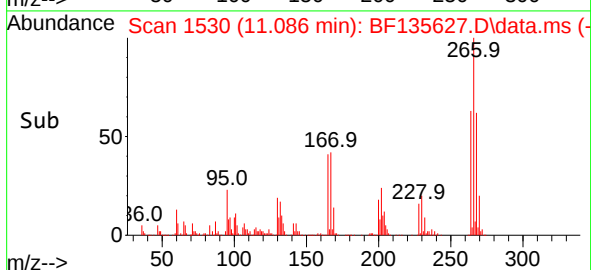
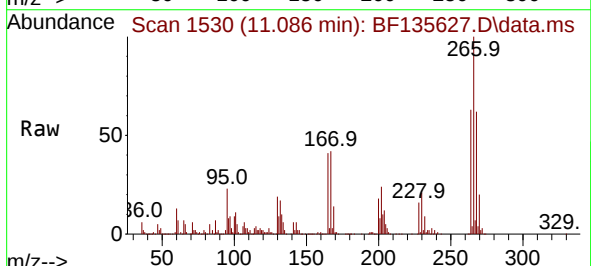
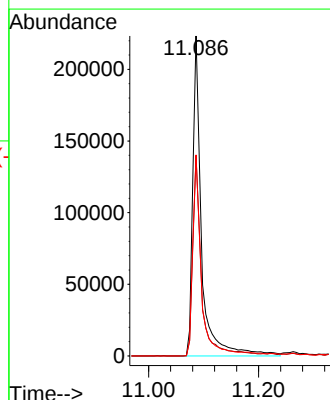
RT: 11.086 min Scan# 1530

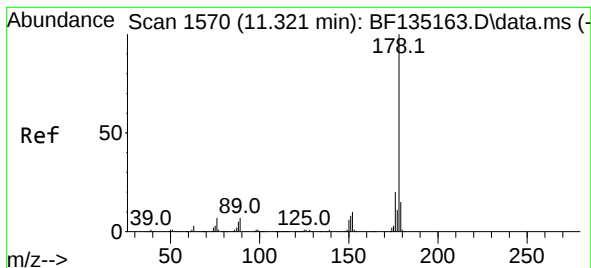
Delta R.T. 0.006 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Tgt Ion:266 Resp: 249913
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.1 78.1
 264 62.9 50.8 76.2





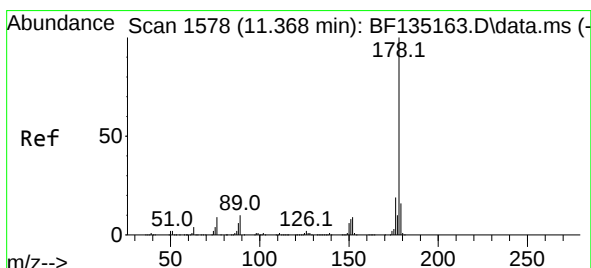
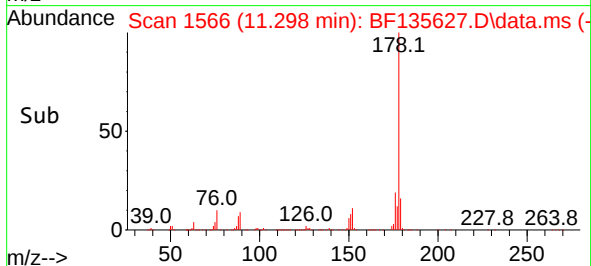
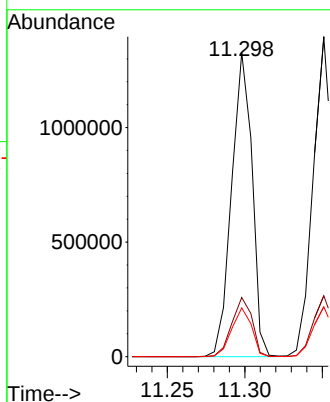
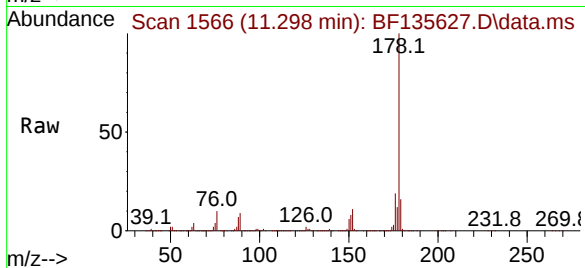
#71
Phenanthrene
Concen: 48.945 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:178 Resp: 1217178
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.0 18.0

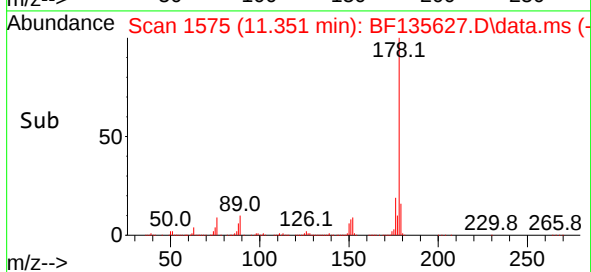
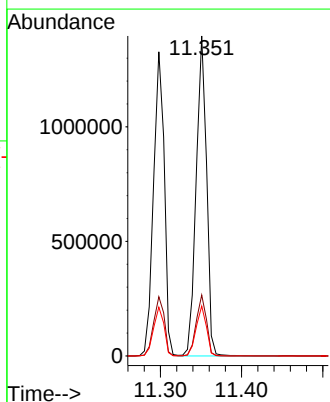
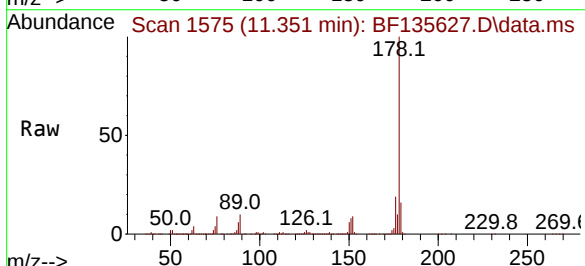
Manual Integrations
APPROVED

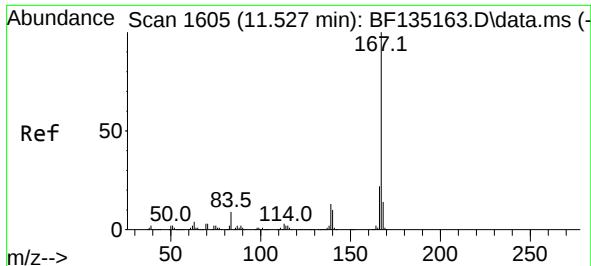
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#72
Anthracene
Concen: 48.912 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

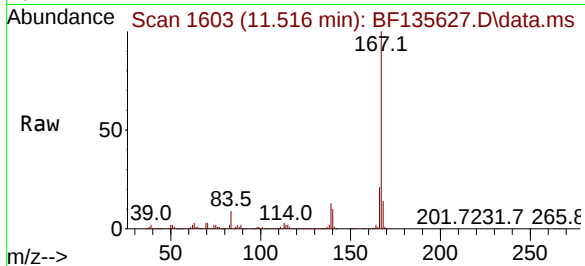
Tgt Ion:178 Resp: 1250281
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.6 19.0





#73
Carbazole
Concen: 50.753 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

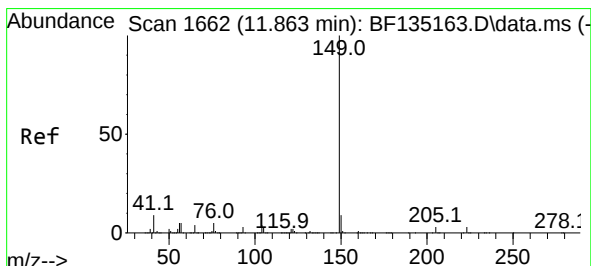
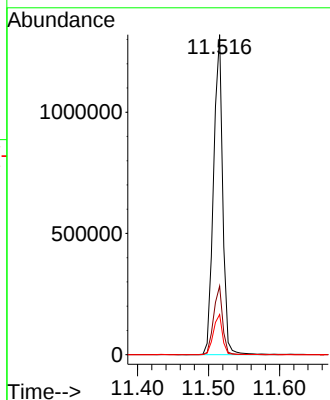
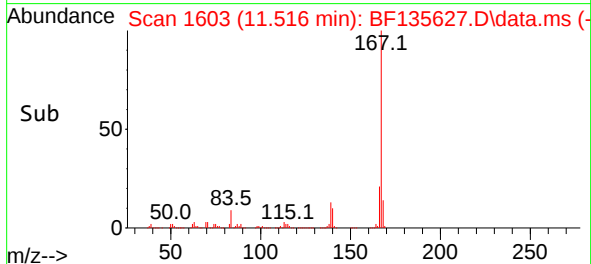
Instrument :
BNA_F
ClientSampleId :
TP-1MS



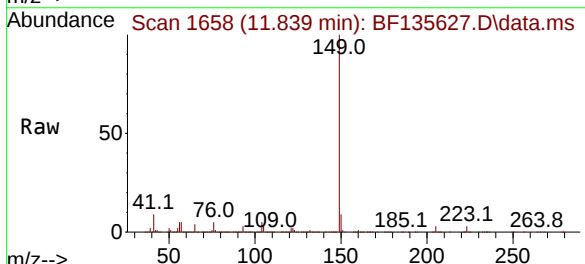
Tgt Ion:167 Resp: 1180989
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.6 10.6 15.8

Manual Integrations
APPROVED

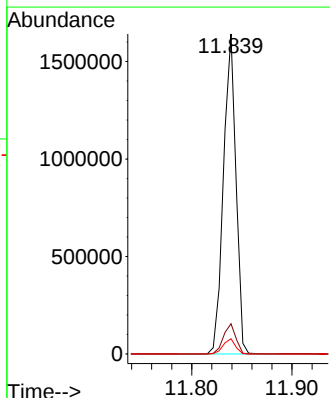
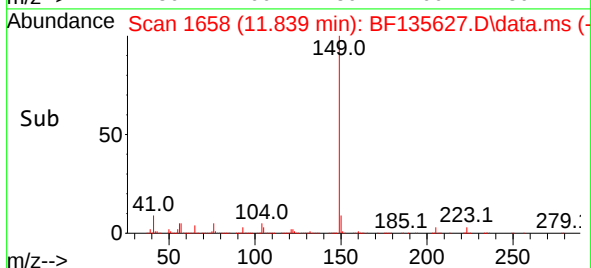
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

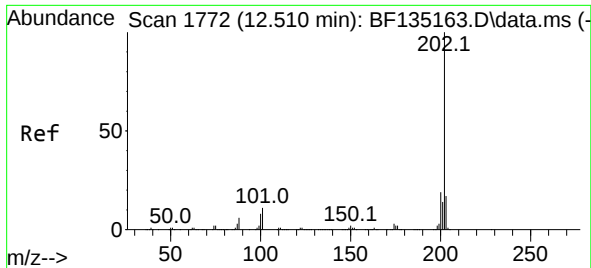


#74
Di-n-butylphthalate
Concen: 51.629 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



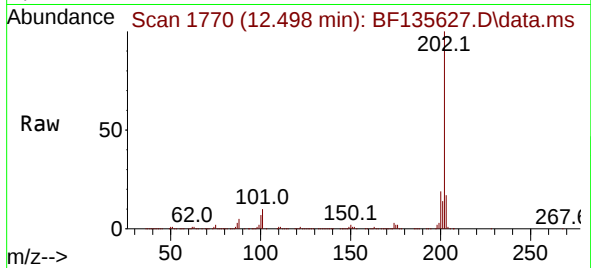
Tgt Ion:149 Resp: 1415633
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 50.282 ng
RT: 12.498 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

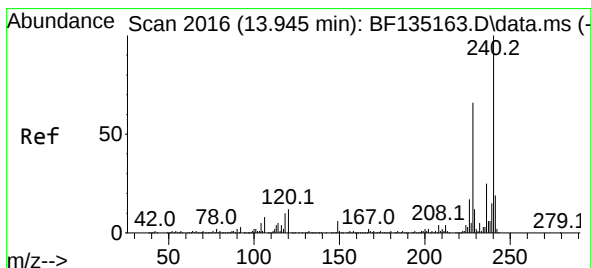
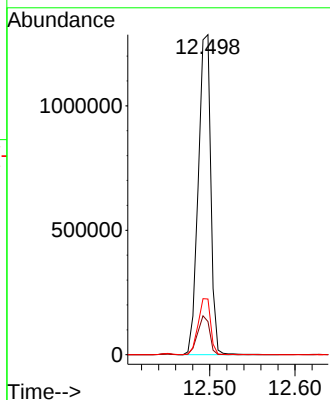
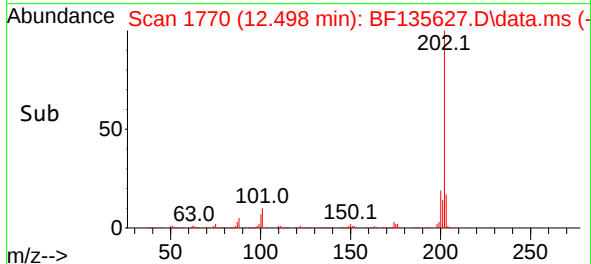
Instrument :
BNA_F
ClientSampleId :
TP-1MS



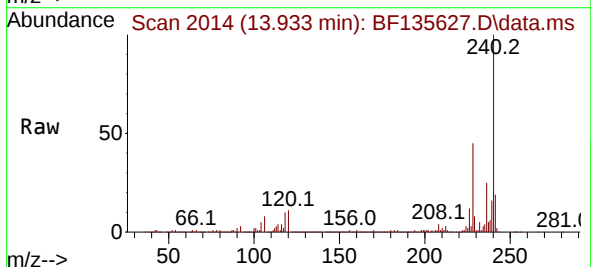
Tgt Ion:202 Resp: 130292
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
APPROVED

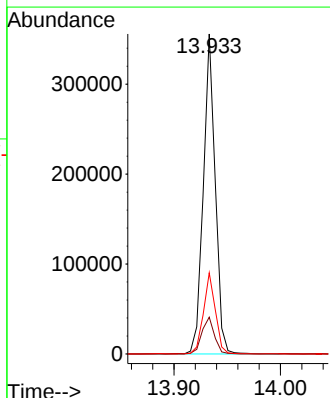
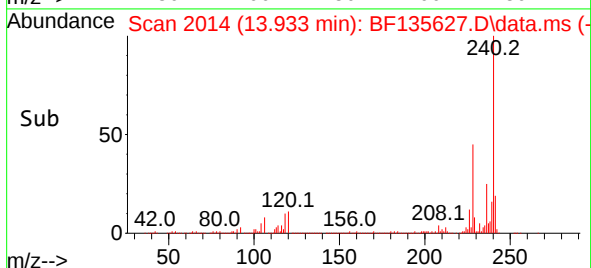
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

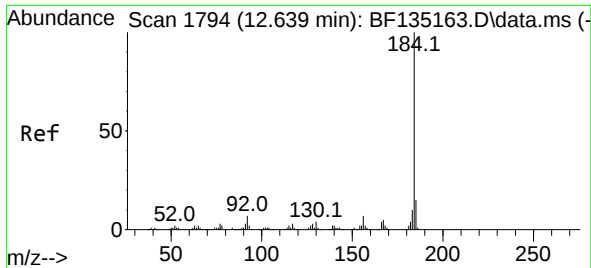


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



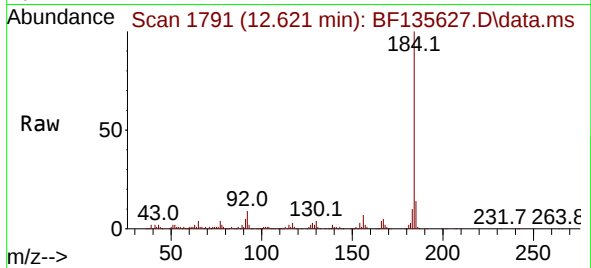
Tgt Ion:240 Resp: 278148
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.3 19.8 29.8





#77
Benzidine
Concen: 33.133 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

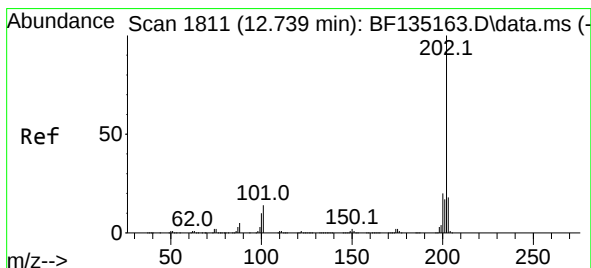
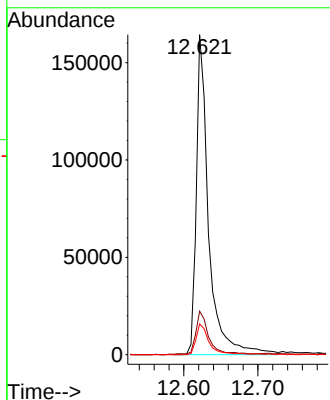
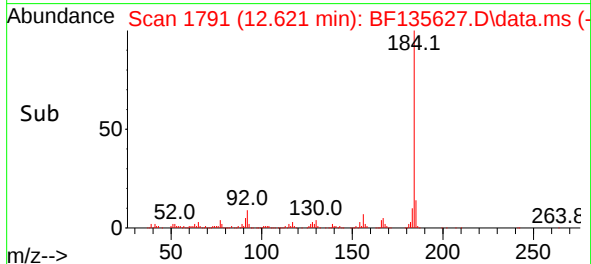
Instrument :
BNA_F
ClientSampleId :
TP-1MS



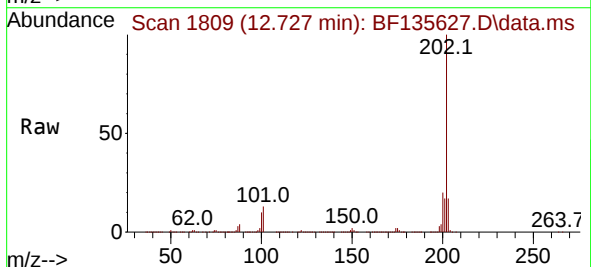
Tgt Ion:184 Resp: 18880
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 9.6 8.2 12.4

Manual Integrations
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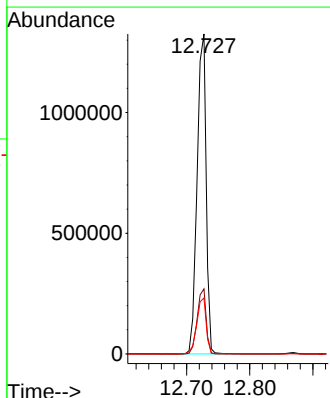
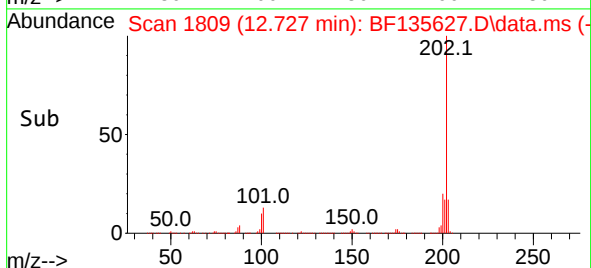
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

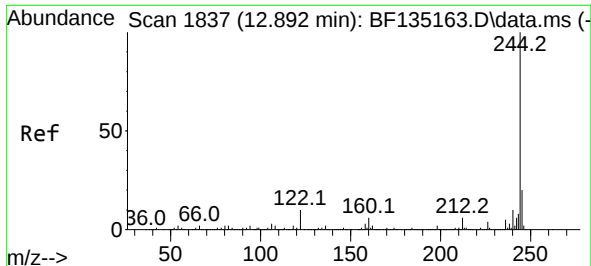


#78
Pyrene
Concen: 49.605 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



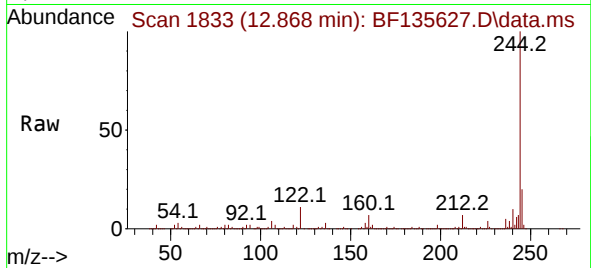
Tgt Ion:202 Resp: 1313631
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 86.103 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135627.D
 Acq: 06 Oct 2023 14:07

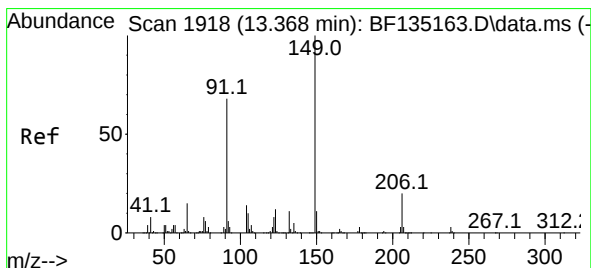
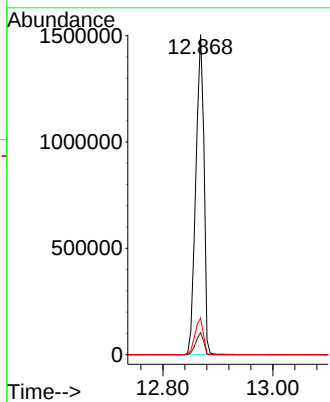
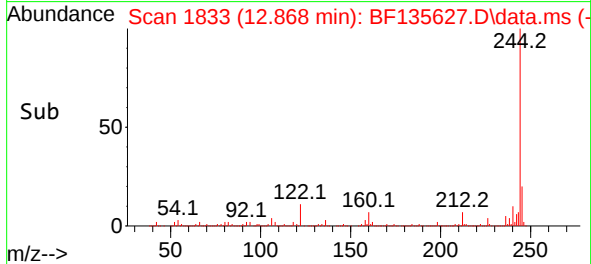
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



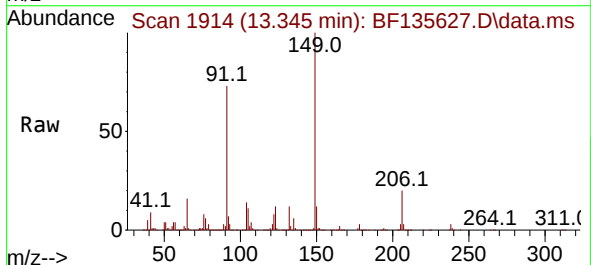
Tgt Ion:244 Resp: 154493
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.4 7.9 11.9

Manual Integrations
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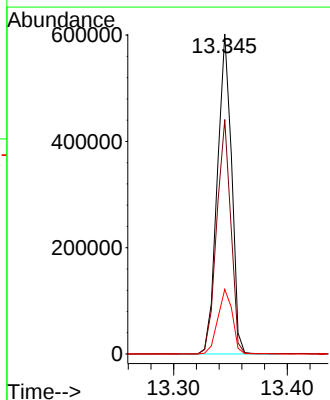
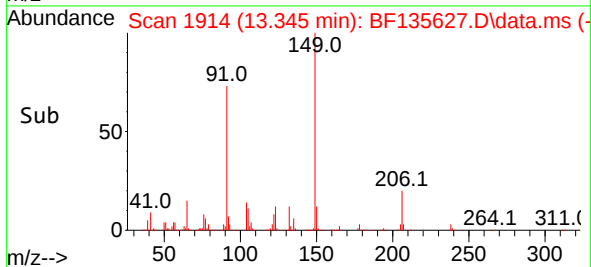
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

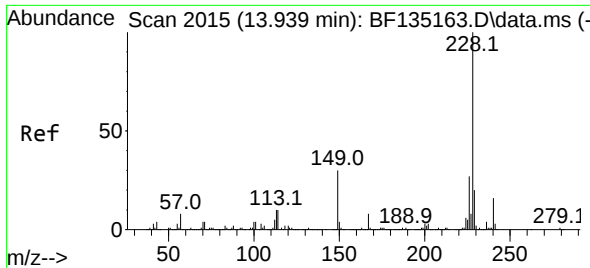


#80
 Butylbenzylphthalate
 Concen: 56.489 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135627.D
 Acq: 06 Oct 2023 14:07



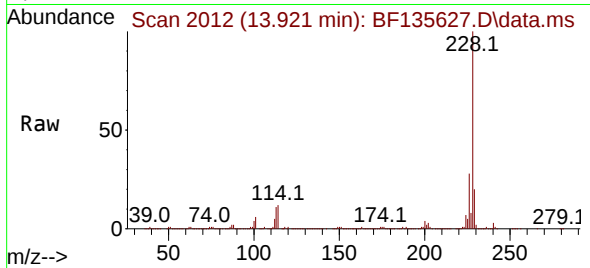
Tgt Ion:149 Resp: 526688
 Ion Ratio Lower Upper
 149 100
 91 73.3 54.7 82.1
 206 20.2 16.3 24.5





#81
Benzo(a)anthracene
Concen: 51.209 ng
RT: 13.921 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

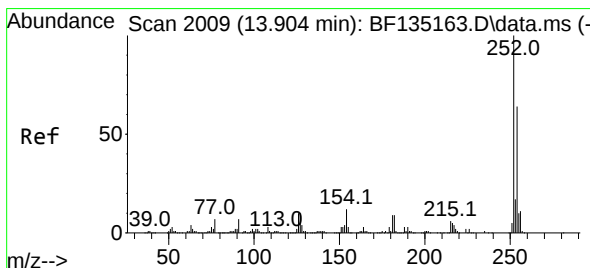
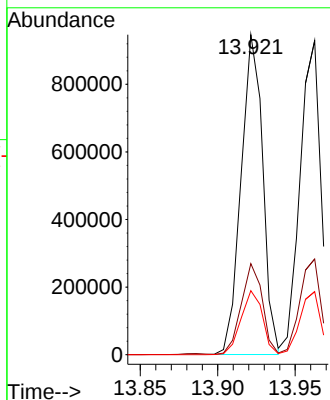
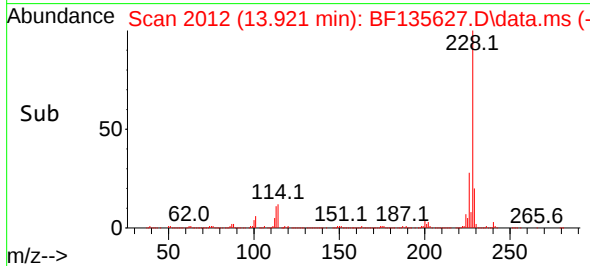
Instrument :
BNA_F
ClientSampleId :
TP-1MS



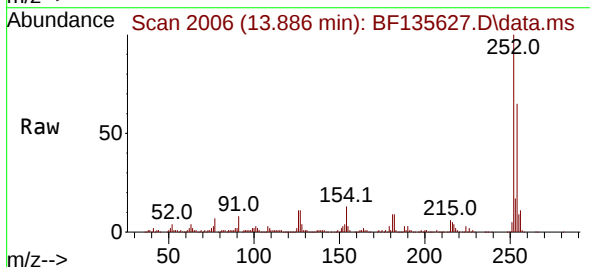
Tgt Ion:228 Resp: 919754
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.0 15.8 23.8

Manual Integrations
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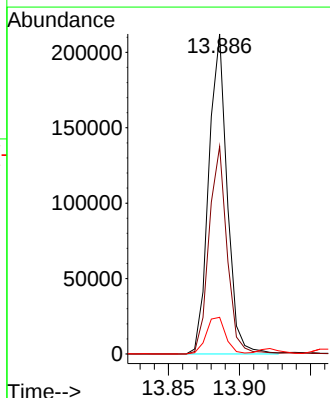
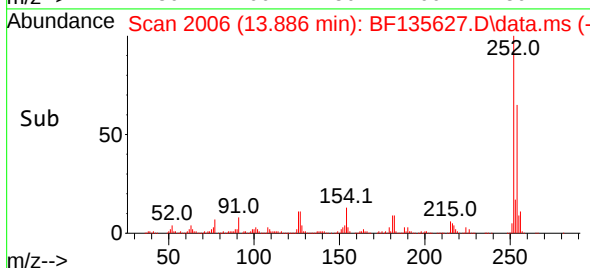
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

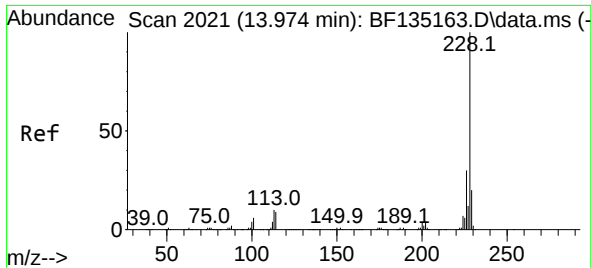


#82
3,3'-Dichlorobenzidine
Concen: 34.118 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



Tgt Ion:252 Resp: 191405
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 11.5 7.8 11.8





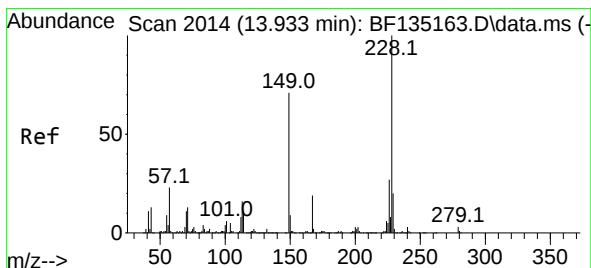
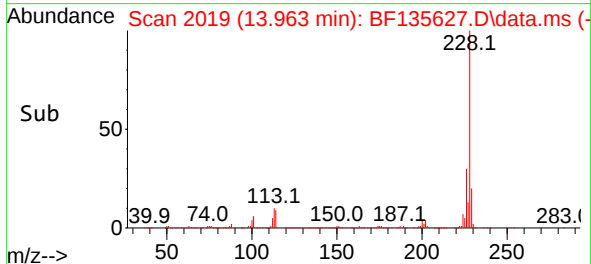
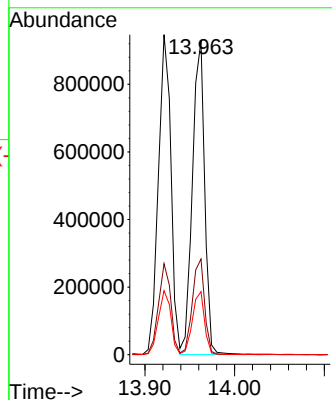
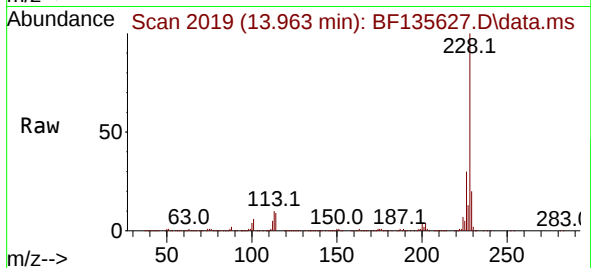
#83
Chrysene
Concen: 49.387 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:228 Resp: 881908
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.1 16.0 24.0

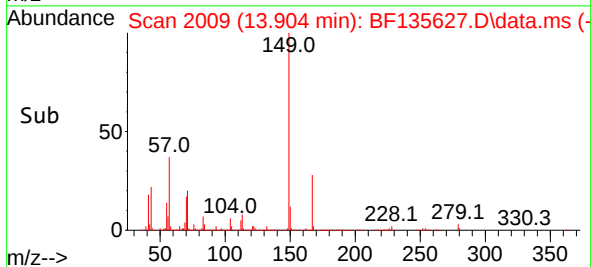
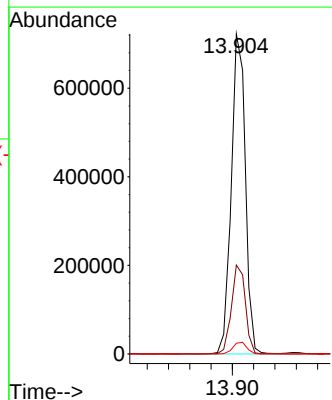
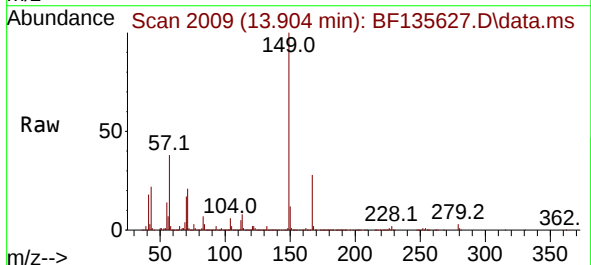
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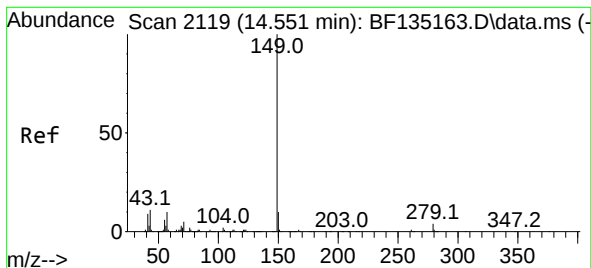
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 69.419 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

Tgt Ion:149 Resp: 664187
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 3.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 64.973 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 987930

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

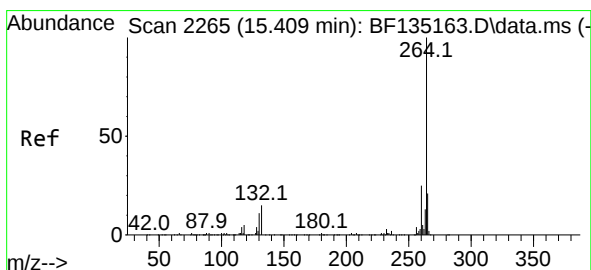
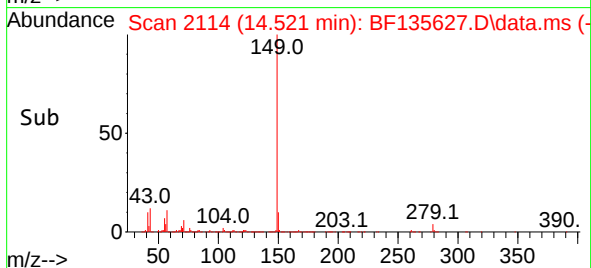
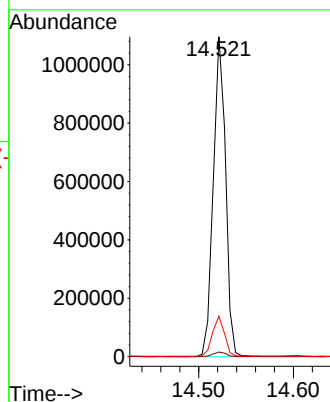
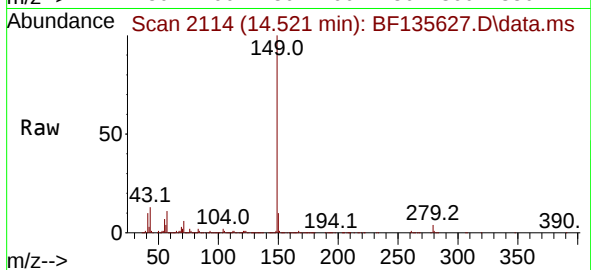
43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135627.D

Acq: 06 Oct 2023 14:07

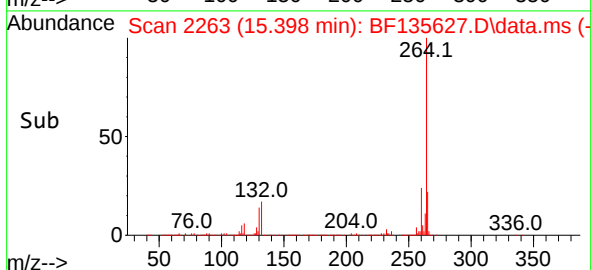
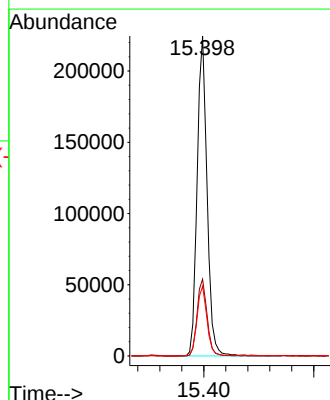
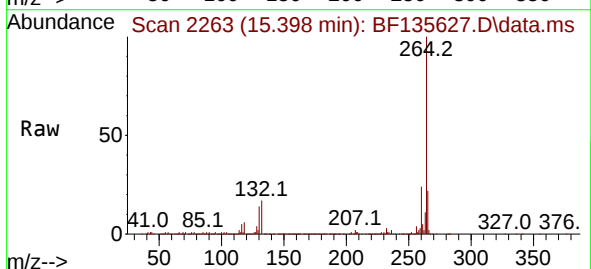
Tgt Ion:264 Resp: 282005

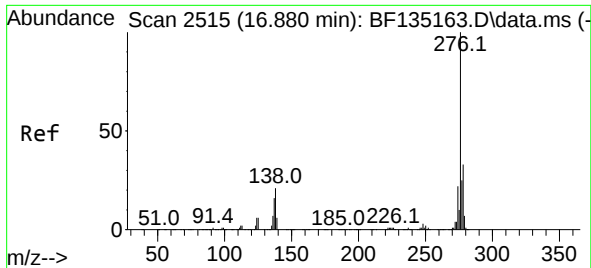
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

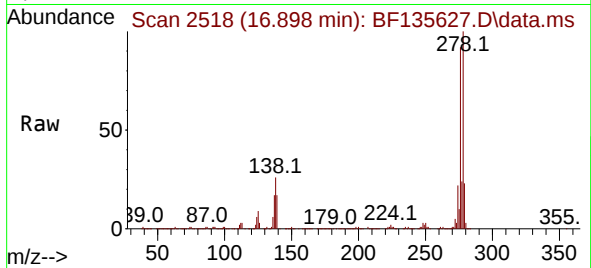
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.122 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.029 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

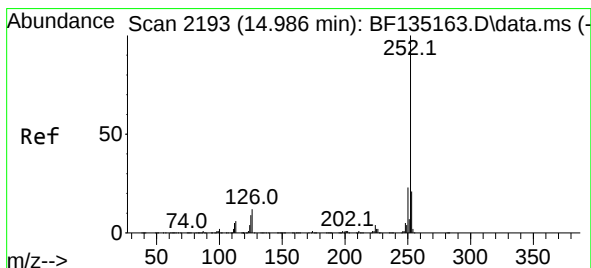
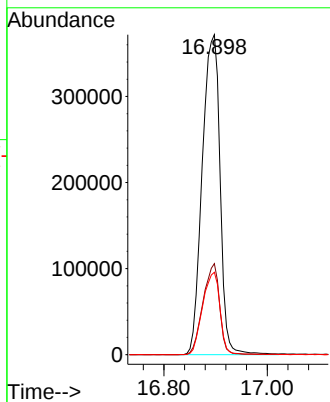
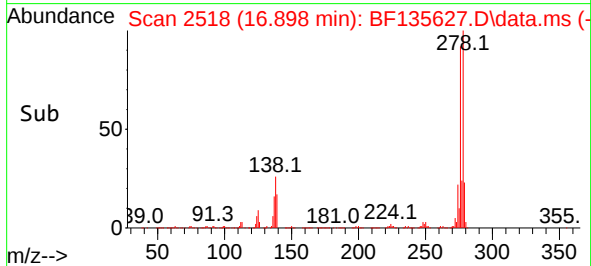
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:276 Resp: 889774
Ion Ratio Lower Upper
276 100
138 26.5 19.2 28.8
277 25.2 19.7 29.5

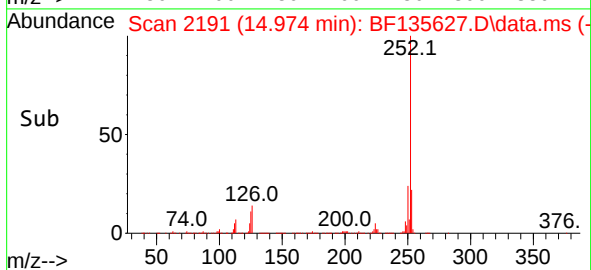
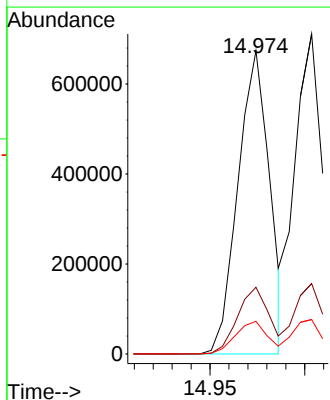
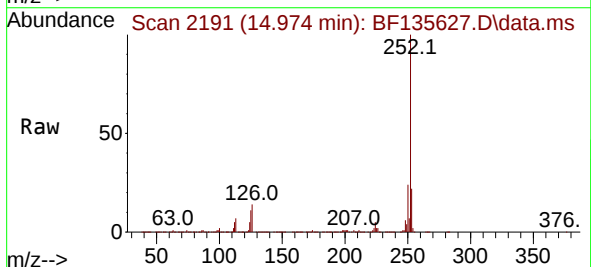
Manual Integrations
APPROVED

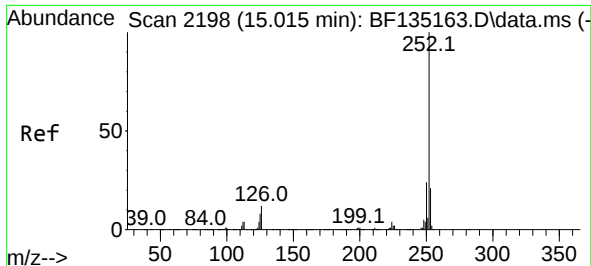
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#88
Benzo(b)fluoranthene
Concen: 51.180 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

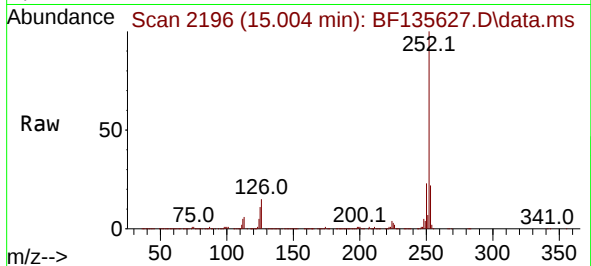
Tgt Ion:252 Resp: 781314
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.8 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 49.130 ng
RT: 15.004 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

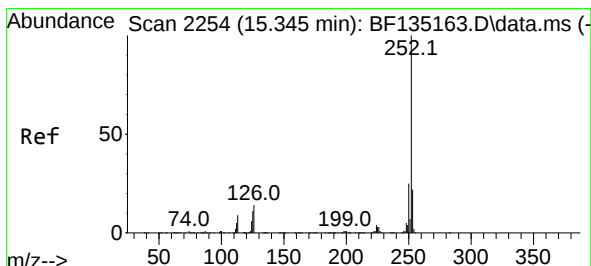
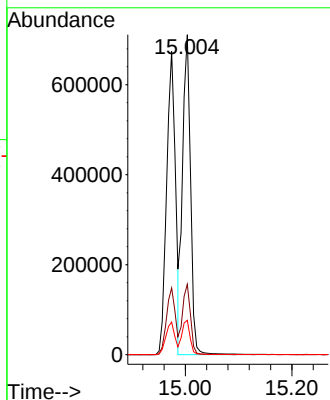
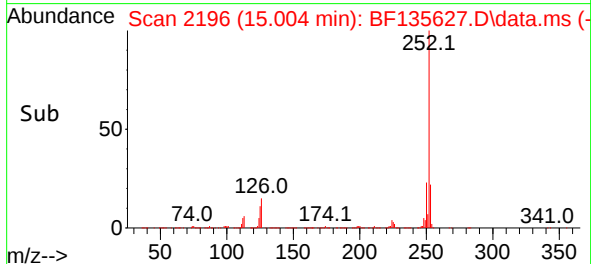
Instrument :
BNA_F
ClientSampleId :
TP-1MS



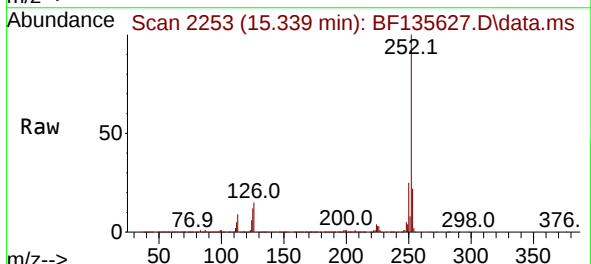
Tgt Ion:252 Resp: 740880
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.8 7.2 10.8

Manual Integrations
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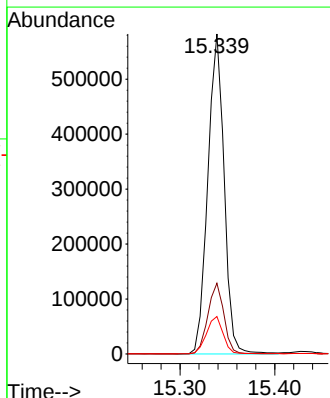
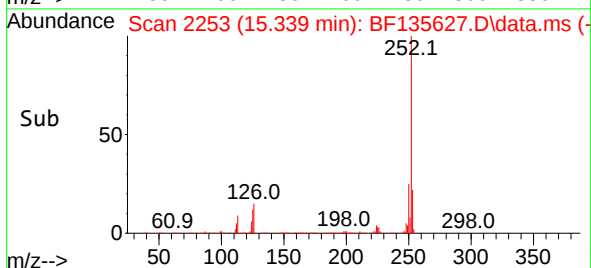
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

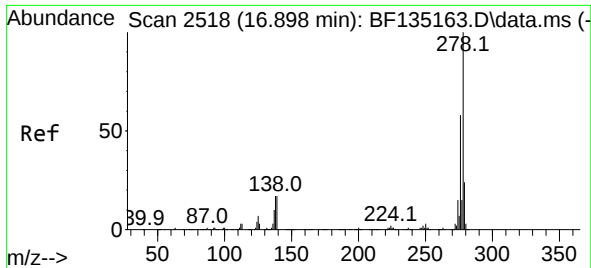


#90
Benzo(a)pyrene
Concen: 47.617 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



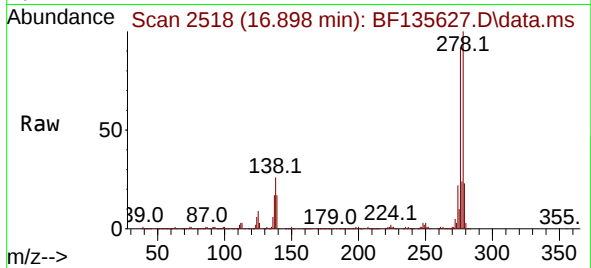
Tgt Ion:252 Resp: 693215
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.7 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 47.679 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.018 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07

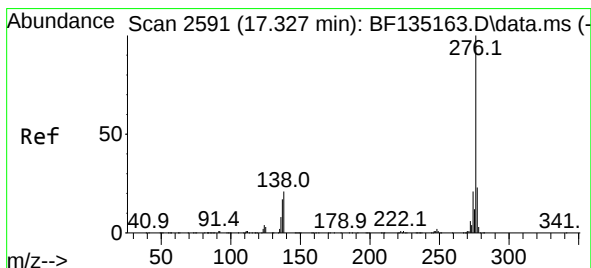
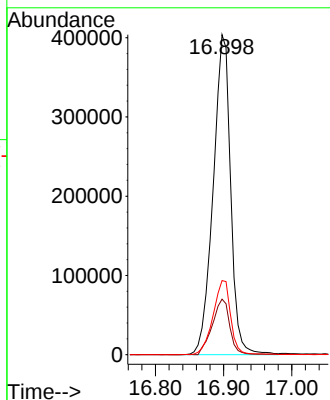
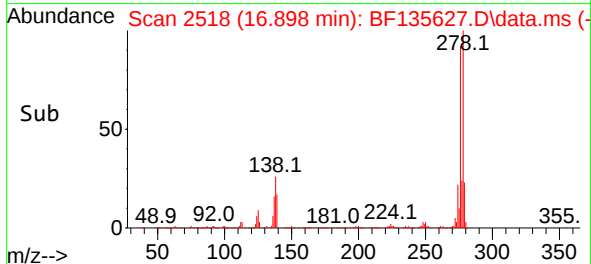
Instrument :
BNA_F
ClientSampleId :
TP-1MS



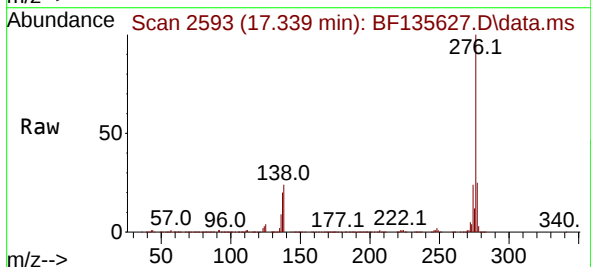
Tgt Ion:278 Resp: 721332
Ion Ratio Lower Upper
278 100
139 17.4 13.4 20.0
279 23.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#92
Benzo(g,h,i)perylene
Concen: 47.580 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.024 min
Lab File: BF135627.D
Acq: 06 Oct 2023 14:07



Tgt Ion:276 Resp: 751770
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 23.6 16.9 25.3

